

MF112076

#5279	<i>State Lease</i>	<i>Control</i>	<i>Base File</i>	<i>County</i>
	MF112076	56-029571		DEWITT
-14482				
-14483				
-14485				
-14484				
-14487				
-14488				
	<i>Survey</i>		HIGHWAYS & PUBLIC TRANSPORTATION DE	
	<i>Block</i>			
	<i>Block Name</i>			
	<i>Township</i>			
	<i>Section/Tract</i>			
	<i>Land Part</i>		SH 72	
	<i>Part Description</i>		HIGHWAY RIGHT-OF-WAY	
	<i>Acres</i>		2.821	
	<i>Depth Below</i>		<i>Depth Above</i>	<i>Depth Other</i>
				See Lease
	<i>Name</i>		ENDURING RESOURCES, LLC	
	<i>Lease Date</i>		3/1/2011	
	<i>Primary Term</i>		1 yrs	
	<i>Bonus (\$)</i>		\$1,777.23	
	<i>Rental (\$)</i>		\$0.00	
	<i>Lease Royalty</i>		0.2500	

Leasing:
Analyst:
Maps:
GIS:



CAUTION

Documents in this file have been placed in Table of Contents order and scanned. Please help keep documents in content order and let the ScanLab know when new documents are added to this file.

Thank you for your assistance.

Archives and Records Staff

ATTENTION FILE USERS!
This file has been placed in table of contents order.
RETURN TO VAULT WITH DOCUMENTS IN ORDER!



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The State of Texas

HROW Lease
Revised 8/06



Austin, Texas

PAID-UP
OIL AND GAS LEASE NO. (MF 112076)
GENERAL LAND OFFICE
AUSTIN, TEXAS

THIS AGREEMENT made and entered into by and between the Commissioner of the General Land Office of the State of Texas, whose address is Stephen F. Austin Building, 1700 North Congress, Austin, Texas, 78701, hereinafter called "Lessor", hereunto authorized by the School Land Board, pursuant to the provisions of Chapters 32 and 52 of the Natural Resources Code (hereinafter called N.R.C.), and amendments thereto, and all applicable rules promulgated by the School Land Board and **Enduring Resources, LLC**, whose address is **475 17th Street, Suite 1500, Denver, CO 80202** hereinafter called "Lessee".

1. Lessor, in consideration of **One Thousand Seven Hundred Seventy Seven 23/100 (\$ 1,777.23)** receipt of which is hereby acknowledged, and of the covenants and agreements of Lessee hereinafter contained, does hereby grant, lease, and let unto Lessee the land covered hereby for the purposes and with the exclusive right of exploring, drilling, mining and operating for, producing and owning oil, gas, and all other hydrocarbons, produced from the land covered hereby. The land covered hereby, herein called "said land" is located in the County of **DeWitt** State of Texas, and is described as follows:

2.821 acres of land, more or less, known as, situated in said **DeWitt** County, Texas, more particularly described in Exhibit "A" attached hereto and made a part hereof together with a plat, attached hereto as Exhibit "B", depicting said right-of-way and surrounding area for purposes of illustration only.

For the purpose of determining the amount of any bonus or other payment hereunder, said land shall be deemed to contain **2.821 acres**, whether actually containing more or less, and the above recital of acreage shall be deemed to be the true acreage thereof. Lessor accepts the bonus as lump sum consideration for this lease and all rights and options hereunder.

2. PRIMARY TERM: This lease, which is a "paid up" lease requiring no rentals, shall remain in force for a term of **one year, from March 1st, 2011** hereinafter called "primary term", and as long thereafter as operations, as hereinafter defined, are conducted upon said land with no cessation for more than ninety (90) consecutive days.

3. ROYALTIES: As royalty Lessee covenants and agrees:

(a) To deliver to the credit of Lessor, in the pipe line to which Lessee may connect its well, the equal **1/4** part of all oil produced and saved by Lessee from said land, or from time to time, at the option of Lessee, to pay Lessor the average posted market price of such **1/4** part of such oil at the wells as of the day it is run to the pipe line or storage tanks, Lessor's interest, in either case, to bear none of the cost of treating oil to render it marketable pipe line oil;

(b) To pay Lessor on gas and casing head gas produced from said land (1) when sold by lessee **1/4** of the amount realized by Lessee, computed at the mouth of the well, or (2) when used by Lessee off said land or in the manufacture of gasoline or other products, the market value, at the mouth of the well, of **1/4** of such gas and casing head gas.

(c) If, at the expiration of the primary term or at any time or times thereafter, there is any well on said land or on lands with which said land or any portion thereof has been pooled, capable of producing oil or gas, and all such wells are shut-in, this lease shall, nevertheless, continue in force as though operations were being conducted on said land for so long as said wells are shut-in, and thereafter this lease may be continued in force as if no shut-in had occurred

(d) Lessee covenants and agrees to use reasonable diligence to produce, utilize, or market the minerals capable of being produced from said wells, but in the exercise of such diligence, Lessee shall not be obligated to install or furnish facilities other than well facilities and ordinary lease facilities of flow lines, separator, and lease tank, and shall not be required to settle labor trouble or to market gas upon terms unacceptable to Lessee.

(e) If at any time or times after the expiration of the primary term, all such wells are shut-in for a period of ninety consecutive days, and during such time there are no operations on said land, then at or before the expiration of said ninety day period, lessee shall pay or tender, by check of lessee, as royalty, the sum of **\$ 25.00 per acre**. Lessee shall make like payments or tenders at or before the end of each anniversary of the expiration of said ninety day period if upon such anniversary this lease is being continued in force solely by reason of the provisions of this paragraph. Each such payment or tender shall be made to the parties who at the time of payment would be entitled to receive the royalties which would be paid under this lease if the wells were producing. Nothing herein shall impair lessee's right to release as provided in paragraph 5 hereof. In the event of assignment of this lease in whole or in part, liability for payment hereunder shall rest exclusively on the then owner or owners of this lease, severally as to acreage owned by each.

(f) All royalties not taken in kind shall be paid to the Commissioner of the General Land Office at Austin, Texas, in the following manner:

Royalty on oil is due and must be received in the General Land Office on or before the 5th day of the second month succeeding the month of production, and royalty on gas is due and must be received in the General Land Office on or before the 15th day of the second month succeeding the month of production, accompanied by the affidavit of the owner, manager, or other authorized agent, completed in the form and manner prescribed by the General Land Office and showing the gross amount and disposition of all oil and gas produced and the market value of the oil and gas, together with a copy of all documents, records or reports confirming the gross production, disposition and market value including gas meter readings, pipeline receipts, gas line receipts and other checks or memoranda of amount produced and put into pipelines, tanks, or pools and gas lines or gas storage, and any other reports or records which the General Land Office may require to verify the gross production, disposition and market value. In all cases the authority of a manager or agent to act for the Lessee herein must be filed in the General Land Office. Each royalty payment shall be accompanied by a check stub, schedule, summary or other remittance advice showing by the assigned General Land Office lease number the amount of royalty being paid on each lease. If Lessee pays his royalty on or before thirty (30) days after the royalty payment was due, the Lessee owes a penalty of 5% on the royalty or \$25.00, whichever is greater. A royalty payment which is over thirty (30) days late shall accrue a penalty of 10% of the royalty due or \$25.00, whichever is greater. In addition to a penalty, royalties shall accrue interest at a rate of 12% per year; such interest will begin accruing when the royalty is sixty (60) days overdue. Affidavits and supporting documents which are not filed when due shall incur a penalty in an amount set by the General Land Office administrative rule which is effective on the date when the affidavits or supporting documents were due. The Lessee shall bear all responsibility for paying or causing royalties to be paid as prescribed by the due date provided herein. Payment of the delinquency penalty shall in no way operate to prohibit the State's right of forfeiture as provided by law nor act to postpone the date on which royalties were originally due. The above penalty provisions shall not apply in cases of title dispute as to the State's portion of the royalty or to that portion of the royalty in dispute as to fair market value. The State shall have first lien upon all oil and gas produced from the area covered by this lease to secure the payment of all unpaid royalty and other sums of money that may become due to the State hereunder.

4. POOLING: (a) Lessee is hereby granted the right, at its option, to pool or unitize any land covered by this lease with any other land covered by this lease, and/or with any other land, lease, or leases, as to any or all minerals or horizons. Units pooled for oil hereunder shall not exceed 160 acres each in area, and units pooled for gas hereunder shall not exceed in area 640 acres each plus a tolerance often percent (10%) thereof, unless oil or gas units of a greater size are allowed under or prescribed by rules of the Railroad Commission of Texas. A unit established hereunder shall be valid and effective for all purposes of this lease even though there may be mineral, royalty, or leasehold interests in lands within

the unit, which are not effectively pooled or unitized. Any operations conducted on any part of such unitized land shall be considered, for all purposes, except the payment of royalty, as operations conducted upon said land under this lease. There shall be allocated to the land covered by this lease within each such unit (or to each separate tract within the unit if this lease covers separate tracts within the unit) the proportion of the total production of unitized minerals from the unit, after deducting any used in lease or unit operations, which the number of surface acres in such land (or in each such separate tract) covered by this lease within the unit bears to the total number of surface acres in the unit, and the production so allocated shall be considered for all purposes, including payment or delivery of royalty, overriding royalty and any other payments out of production, to be the entire production of unitized minerals from the land to which allocated in the same manner as though produced there from under the terms of this lease. The owner of the reversionary estate of any term royalty or mineral estate agrees that the accrual of royalties pursuant to this paragraph or of shut-in royalties from a well on the unit shall satisfy any limitation of term requiring production of oil or gas. The formation of any unit hereunder which includes land not covered by this lease shall not have the effect of exchanging or transferring any interest under this lease (including, without limitation, any shut-in royalty which may become payable under this lease) between parties owning interests in land covered by this lease and parties owning interests in land not covered by this lease. Neither shall it impair the right of Lessee to release as provided in paragraph 5 hereof, except that Lessee may not so release as to lands within a unit while there are operations thereon for unitized minerals unless all pooled leases are released as to lands within the unit. At any time while this lease is in force Lessee may dissolve any unit established hereunder by filing for record in the public office where this lease is recorded a declaration to that effect, if at that time no operations are being conducted thereon for unitized minerals. Subject to the provisions of this paragraph 4, a unit once established hereunder shall remain in force for so long as any lease subject thereto shall remain in force. If this lease now or hereafter covers separate tracts, no pooling or unitization of royalty interests as between any such separate tracts is intended or shall be implied or result merely from the inclusion of such separate tracts within this lease but Lessee shall nevertheless have the right to pool or unitize as provided in this paragraph 4 with consequent allocation of production as herein provided. As used in this paragraph 4, the words "separate tract" mean any tract with royalty ownership differing, now or hereafter, either as to parties or amounts, from that as to any other part of the leased premises.

(b) Neither unit production of oil or gas, nor unit operations, nor payment of shut-in royalties from a unit gas well, shall serve to hold the lease in force as to any area outside the unit, regardless of whether the production, maintenance of a shut-in gas well, or operations are actually located on the State tract or not.

(c) Lessee agrees to file with the General Land Office a copy of any unit designation, which this lease is included within ninety (90) days of such designation.

5. RELEASE: Lessee may relinquish the rights granted hereunder to the State at any time by recording the relinquishment in the county where this area is situated and filing the recorded relinquishment or certified copy of same in the General Land Office within ninety (90) days after its execution accompanied by the prescribed filing fee. Such relinquishment will not have the effect of releasing Lessee from any liability theretofore accrued in favor of the State.

6. REWORK: If at any time or times during the primary term operations are conducted on said land and if all operations are discontinued, this lease shall thereafter terminate at the end of the primary term or on the ninetieth day after discontinuance of all operations, whichever is the later date, unless on such later date either (1) Lessee is conducting operations or (2) the shut-in well provisions of paragraph 3 or the provisions of paragraph 9 are applicable. Whenever used in this lease the word "operations" shall mean operations for and any of the following: drilling, testing, completing, reworking, recompleting, deepening, plugging back or repairing of a well in search for or in an endeavor to obtain production of oil or gas, or production of oil or gas in paying quantities.

7. MINERAL USE: Lessee shall have the use, free from royalty, of oil and gas produced from said land in all operations hereunder.

8. NOTICE: In the event Lessor considers that Lessee has not complied with all its obligations hereunder, both express and implied, Lessor shall notify Lessee in writing, setting out specifically in what respects Lessee has breached this contract. Lessee shall then have sixty (60) days after receipt of said notice within which to meet or commence to meet all

or any part of the breaches alleged by Lessor. The service of said notice shall be precedent to the bringing of any action by Lessor on said lease for any cause, and no such action shall be brought until the lapse of sixty (60) days after service of such notice on Lessee. Neither the service of said notice nor the doing of any acts by Lessee aimed to meet all or any of the alleged breaches shall be deemed an admission or presumption that Lessee has failed to perform all its obligations hereunder. If this lease is canceled for any cause, it shall nevertheless remain in force and effect as to (1) sufficient acreage around each well as to which there are operations to constitute a drilling or maximum allowable unit under applicable governmental regulations, (but in no event less than forty acres), such acreage to be designated by Lessee as nearly as practicable in the form of a square centered at the well, or in such shape as then existing spacing rules require; and (2) any part of said land included in a pooled unit on which there are operations.

9. FORCE MAJEURE: If, while this lease is in force, at, or after the expiration of the primary term hereof, it is not being continued in force by reason of the shut-in well provisions of paragraph 3 hereof, and Lessee is not conducting operations on said land by reason of (1) any law, order, rule or regulation, (whether or not subsequently determined to be invalid) or (2) any other cause, whether similar or dissimilar, (except financial) beyond the reasonable control of Lessee, the primary term shall be extended until the first anniversary date hereof occurring ninety (90) or more days following the removal of such delaying cause, and this lease may be extended thereafter by operations as if such delay had not occurred.

10. LESSER ESTATE CLAUSE: If this lease covers a less interest in the oil or gas in all or any part of said land than the entire and undivided fee simple estate (whether lessors interest is herein specified or not), or no interest therein, then the royalties, and other monies accruing from any part as to which this lease covers less than such full interest, shall be paid only in the proportion which the interest therein, if any, covered by this lease bears to the whole and undivided fee simple estate therein.

11. ASSIGNMENTS: This lease may be transferred at any time. All transfers must reference the lease by file number and must be recorded in the county where the land covered hereby is located, and the recorded transfer or a copy certified to by the County Clerk of the county where the transfer is recorded must be filed in the General Land Office within ninety (90) days of the execution date, as provided by N.R.C. Section 52.026, accompanied by the prescribed filing fee. Every transferee shall succeed to all rights and be subject to all obligations, liabilities, and penalties owed to the State by the original Lessee or any prior transferee of the lease, including any liabilities to the State for unpaid royalties.

12. WELL INFORMATION: Lessee agrees to forthwith furnish Lessor, upon written request, with copies of all drilling logs, electrical logs, cores and core records and other information pertaining to all wells drilled by lessee either on the leased premises or acreage pooled therewith, when requested to do so. Said information shall remain confidential as required by statute.

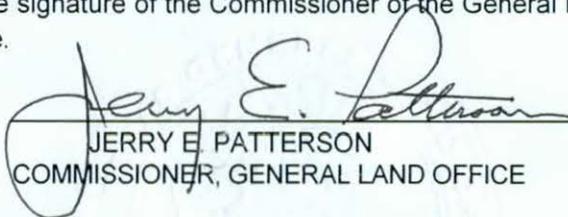
13. SURFACE: Notwithstanding anything herein to the contrary, it is agreed that Lessee will not conduct any exploration or drilling on the surface of the leased premises or use the surface in the exercise of any rights herein granted. Any development of said land shall be by means of a directional well located off the leased premises, or by pooling of said land with other land, lease or leases as hereinabove provided.

14. COMPENSATORY ROYALTY: Lessee shall pay a compensatory royalty if this lease is not being held by production on the leased premises, by production from a pooled unit, or by payment of shut-in royalties in accordance with the terms of this lease, and if oil or gas is sold or delivered in paying quantities from a well located within 2,500 feet of the leased premises and completed in a producible reservoir underlying the area leased hereunder or in any case in which drainage is occurring. Such compensatory royalty shall be paid at the royalty rate provided in this lease based on the value of production from the well as provided in the lease on which such well is located. The compensatory royalty shall be paid in the same proportion that the acreage of this lease has to the acreage of the proration unit surrounding the draining well plus the acreage of this lease. The compensatory royalty shall be paid monthly to the Commissioner of the General Land Office on or before the last day of the month after the month in which the oil or gas is sold and delivered from the well

causing the drainage or from the well located within 2500 feet of the leased premises and completed in a producible reservoir under this lease. Notwithstanding anything herein to the contrary, compensatory royalty payable hereunder shall be no less than an amount equal to **double the shut-in royalty** and shall maintain this lease in effect for so long as such payments are made as provided herein.

15. FORFEITURE: If Lessee shall fail or refuse to make payment of any sum within thirty (30) days after it becomes due, or if Lessee or an authorized agent should knowingly make any false return or false report concerning production or drilling, or if Lessee shall fail or refuse to drill any offset well or wells in good faith as required by law and the rules and regulations adopted by the Commissioner of the General Land Office, or if Lessee should fail to file reports in the manner required by law or fail to comply with rules and regulations promulgated by the General Land Office, or refuse the proper authority access to the records pertaining to operations, or if Lessee or an authorized agent should knowingly fail or refuse to give correct information to the proper authority, or knowingly fail or refuse to furnish the General Land Office a correct log of any well, or if this lease is pooled or assigned and the unit designation or assignment is not filed in the General Land Office as required by law, the rights acquired under this lease shall be subject to forfeiture by the Commissioner, and he shall forfeit same when sufficiently informed of the facts which authorize a forfeiture, and when forfeited the area shall again be subject to lease. However, nothing herein shall be construed as waiving the automatic termination of this lease by operations of law or by reason of any special limitation arising hereunder. Forfeitures may be set aside and this lease and all rights there under reinstated before the rights of another intervene upon satisfactory evidence to the Commissioner of the General Land Office of future compliance with the provisions of the law and of this lease and the rules and regulations that may be adopted relative hereto.

IN TESTIMONY WHEREOF, witness the signature of the Commissioner of the General Land Office of the State of Texas under the seal of the General Land Office.


JERRY E. PATTERSON
COMMISSIONER, GENERAL LAND OFFICE

Approved:
ML: 
DC: 
CC: 

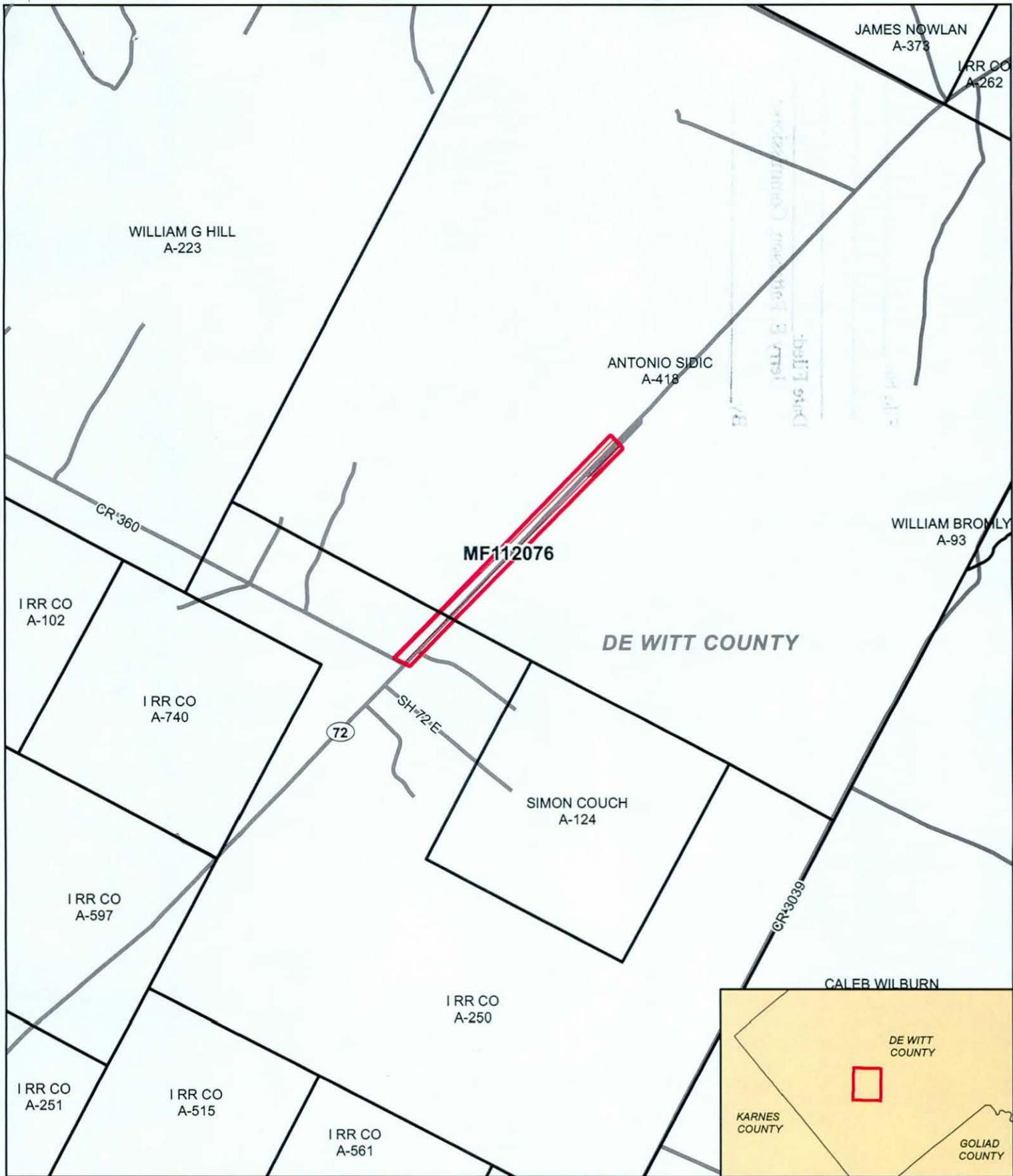
Exhibit "A"

Attached hereto and made a part of that certain Oil and Gas Lease dated March 1st, 2011, by and between the State of Texas, as lessor, and Enduring Resources, LL as lessee, covering acreage to be leased in DeWitt County, Texas, along State Highway 72.

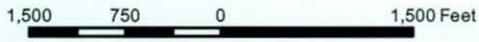
2.821 acres of land, more or less, situated in the I. R. R. Survey, Section 25, A-250 and the Antonio Sidic 1/3 Survey, A-418. Said lands being described in the following deeds filed in the Deeds of Record, DeWitt Co.

Deed from Wm. and R. Von Roeder, Charles Jos. and Gus Eckhardt to the County of DeWitt, State of Texas and recorded in Vol. 67, P. 277 of the Deed Records, DeWitt County, Texas

Deed from Vincent Danysch to the County of DeWitt State of Texas and recorded in Vol. 97, P. 436 of the Deed Records, DeWitt County, Texas



Map Showing a Buffer of
 SH 72
 2.821 Acres
 De Witt County, TX



The Texas General Land Office makes no representations or warranties regarding the accuracy or completeness of the information depicted on this map or the data from which it was produced. This map IS NOT suitable for navigational purposes and does not purport to depict or establish boundaries between private and public land.



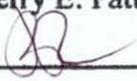
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 Mark Conway
 IS/BAS/GIS
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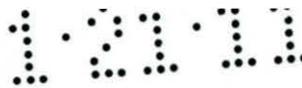
1.
File No. MF112076

Lease

Date Filed: 1/21/11

Jerry E. Patterson, Commissioner

By 



January 19, 2011

Mr. Drew Reid
Texas General Land Office
1700 N. Congress Ave., Suite 660
Austin, TX 78701-1495

RE: 2.821 acres, more or less, Highway Road Right-of-Way (State Highway 72)
I. R. R. Survey Section 25, Abstract 250 and Antonio Sidic 1/3 League, Abstract 418,
DeWitt County, Texas

Dear Drew:

In regards to the above 2.821 acre Highway Right-of-Way ("HROW"), in accordance with the Texas General Land Office procedures for "HROW" lease acquisition, please accept this letter as our application to acquire an Oil and Gas Lease. This application is being made on behalf of our client Enduring Resources LLC To that end, please find enclosed, the following:

1. Copy of Deed conveying 2.772 acres from Wm. and R. Von Roeder, Chas Jos. and Gus Eckhardt to County of DeWitt and State of Texas, recorded in Volume 67, Page 277, DeWitt County Deed Records and Copy of Deed conveying 7.49 acres from Vincent Danysch to County of DeWitt in the State of Texas, recorded in Volume 97, Page 436, DeWitt County Deed Records (Exhibit "1"); *See .*
2. Listing of the names of all adjacent mineral owners (Exhibit "2");
3. Affidavit regarding the need to acquire requested lease for the specific purpose of drilling a horizontal well (Exhibit "3");
4. Check covering the \$100.00 processing fee payable to the Commissioner of the General Land Office;
5. Written waiver of the statutory notice (Exhibit "4");
6. Copies of recorded Oil, Gas and Mineral Leases covering the adjacent lands (if the lease was recorded by Memorandum and/or Notice, a copy of the supporting lease is also enclosed) (Exhibit "5") as well as the Farmout and Option Agreement between Whiting Oil and Gas Corporation and Enduring Resources, LLC and multiple Assignments establishing lease title chain from Jeffery Scot Deason d/b/a D. O. G. Interests to Whiting Oil and Gas Corporation;

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Mr. Drew Reid
Texas General Land Office
January 19, 2010
Page 2

7. Notarized Affidavit of the consideration paid for the leases on the adjacent lands (Exhibit "6");
8. Check covering the bonus consideration payable to the Commissioner of the General Land Office;
9. Check covering the statutory sales fee equal to 1-1/2 percent of the bonus payment.
10. Exhibit "7" being a plat reflecting the boundaries and dimensions of the right-of-way tract, and;
11. Exhibit "8" being a plat indicating the leasehold ownership of the tracts adjacent to the HROW..

Thank you for your assistance with this lease acquisition. Should you have any questions or require any additional information, please feel free to contact me at 361.798.3161.

Yours very truly,



Patrick Fawbush
agent for
Enduring Resources LLC.

Enc

Commissioner of the General Land Office
19000 · Expenditures - Whiting Farmout:1910 Lease/2.821/2.821/21-001R/272/DeWitt

1/19/2011

1,777.23

Handwritten red mark: a large 'X' and the number '121'.

11704932

Cash-Whiting Farmout E Lease/2.821/2.821/21-001R/272/DeWitt

11704

1,777.23



Commissioner of the General Land Office

19000 · Expenditures - Whiting Farmout:1920 Processing Fee/2.821/2.821/272/DeWitt

1/19/2011

X

100.00

12/1

11704931

Cash-Whiting Farmout E Processing Fee/2.821/2.821/272/DeWitt

11.13.1

100.00

Commissioner of the General Land Office
19000 Expenditures - Whiting Farmout:1920 Sale Fee/2.821/2.821/21-001R/272/DeWitt

1/19/2011

26.66

11704933

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Cash-Whiting Farmout E Sale Fee/2.821/2.821/21-001R/272/DeWitt

11704933

26.66

2.

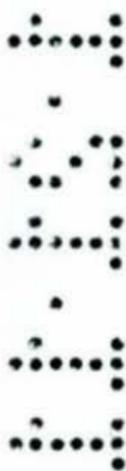
File No. MF 112076

Letter, bonus & fees

Date Filed: 1/7/11

Jerry E. Patterson, Commissioner

By [Signature]





MEMORANDUM

Texas General Land Office • Jerry Patterson • Commissioner

HIGHWAY RIGHT OF WAY LEASE CHECKLIST

STATE LEASE MF 112076

LESSEE Enduring Resources, LLC

Address 475 17th Street, Suite 1500, Denver, CO 80202

BONUS PER ACRE \$ 630⁰⁰ (Check for affidavit of consideration paid.)

TOTAL CONSIDERATION \$ 1,777²³ PAID? Yes No WHEN? 1/21/11

ROYALTY 1/4 TERM 1 year

DATE OF LEASE 3/1/11

SHUT IN ROYALTY PER ACRE \$ 25⁰⁰ TOTAL ACRES 2.821

COUNTY De Witt

ROAD NAME State Highway 72

FULL DESCRIPTION [Abstract, Block, Township, Section]
I.R.R. Survey Section 25, A-250, and Antonio Sidick's League, A-418

EXHIBIT FOR LEASE PROVIDED? Yes No [Do not write on Exhibit.]

PLAT PROVIDED? Yes No Put sticky note on correct plat with MF #, acres, highway name, county, & abstract number for Zeke.

Clip all adjoining leases together.

Clip all deeds together.

Give to Beverly to generate lease and docket.

3.

File No. MF 112076

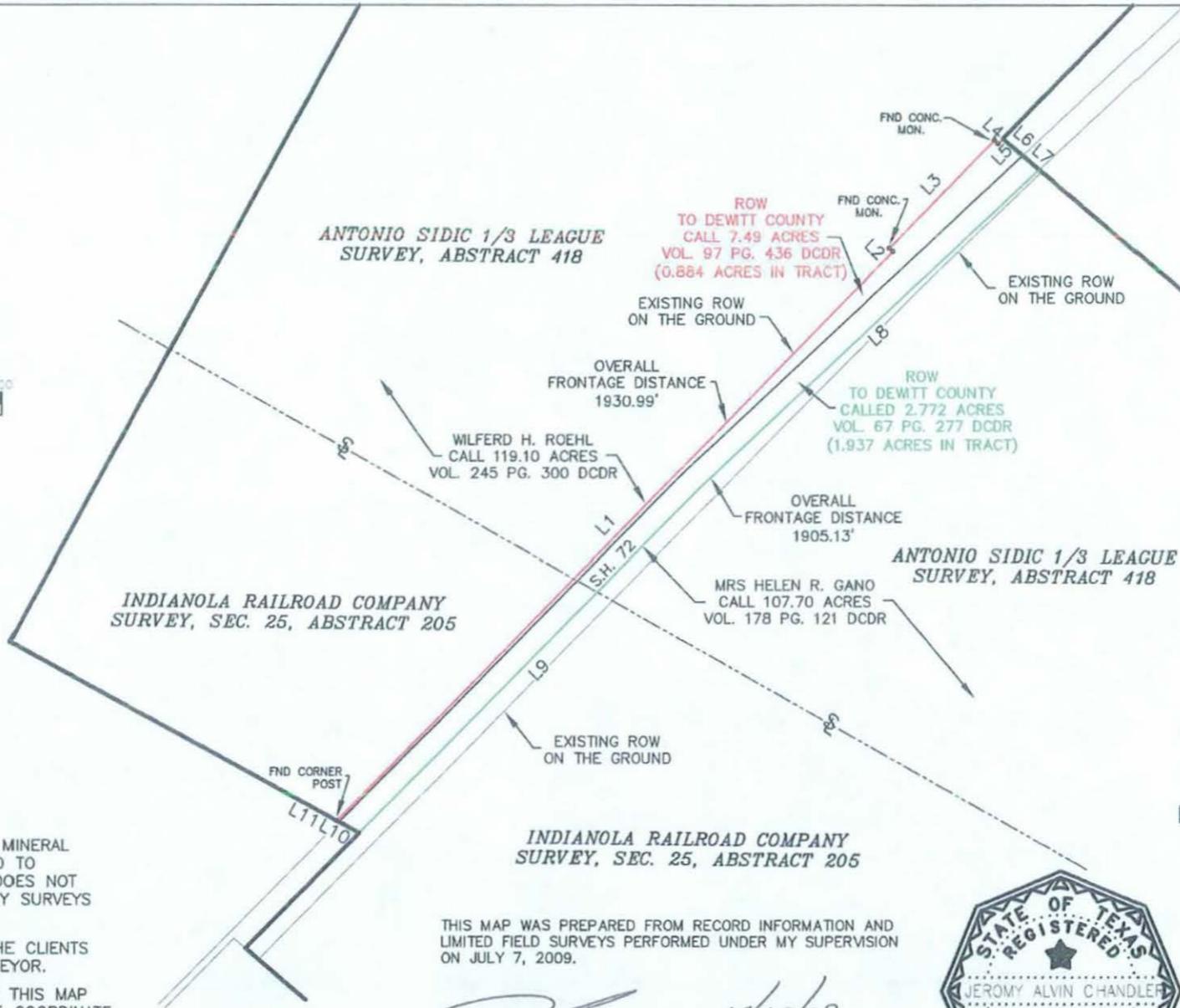
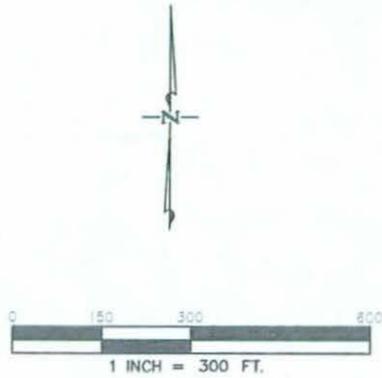
Sto Memo

Date Filed: 1/21/11

Jerry E. Patterson, Commissioner

By [Signature]

112076



LINE	BEARING	DISTANCE
L1	N 44°24'58" E	1594.15'
L2	N 45°28'18" W	10.00'
L3	N 44°19'39" E	302.72'
L4	S 47°32'34" E	10.17'
L5	N 44°23'46" E	13.95'
L6	S 49°40'06" E	52.76'
L7	S 49°40'06" E	44.32'
L8	S 47°04'59" W	922.61'
L9	S 44°39'59" W	982.52'
L10	N 61°25'00" W	46.13'
L11	N 61°25'00" W	5.13'

THIS MAP WAS WAS CREATED TO SHOW MINERAL OWNERSHIP. THIS PLAT IS NOT INTENDED TO REPRESENT A BOUNDARY SURVEY AND DOES NOT MEET THE REQUIREMENTS FOR BOUNDARY SURVEYS IN THE STATE OF TEXAS.

MINERAL OWNERSHIP IS PROVIDED BY THE CLIENTS REPRESENTATIVE AND NOT BY THE SURVEYOR.

BEARINGS AND COORDINATES SHOWN ON THIS MAP ARE BASED ON THE TEXAS STATE PLANE COORDINATE SYSTEM, SOUTH CENTRAL ZONE, NAD 27.

⊠ = SURVEY ABSTRACT LINE
DCDR = DEWITT COUNTY DEED RECORDS

THIS MAP WAS PREPARED FROM RECORD INFORMATION AND LIMITED FIELD SURVEYS PERFORMED UNDER MY SUPERVISION ON JULY 7, 2009.

[Signature] 07/08/09

JEROMY ALVIN CHANDLER
REGISTERED PROFESSIONAL LAND SURVEYOR
STATE OF TEXAS NO. 5755



ENDURING RESOURCES, L.L.C.
S.H. 72
2.821 ACRES
DEWITT COUNTY, TEXAS

PERCHERON
SURVEYING, LLC

15411 Vantage Pkwy West
Suite 205
Houston, Texas 77032
(281) 447-6230

JULY 8, 2009

Exhibit "7"

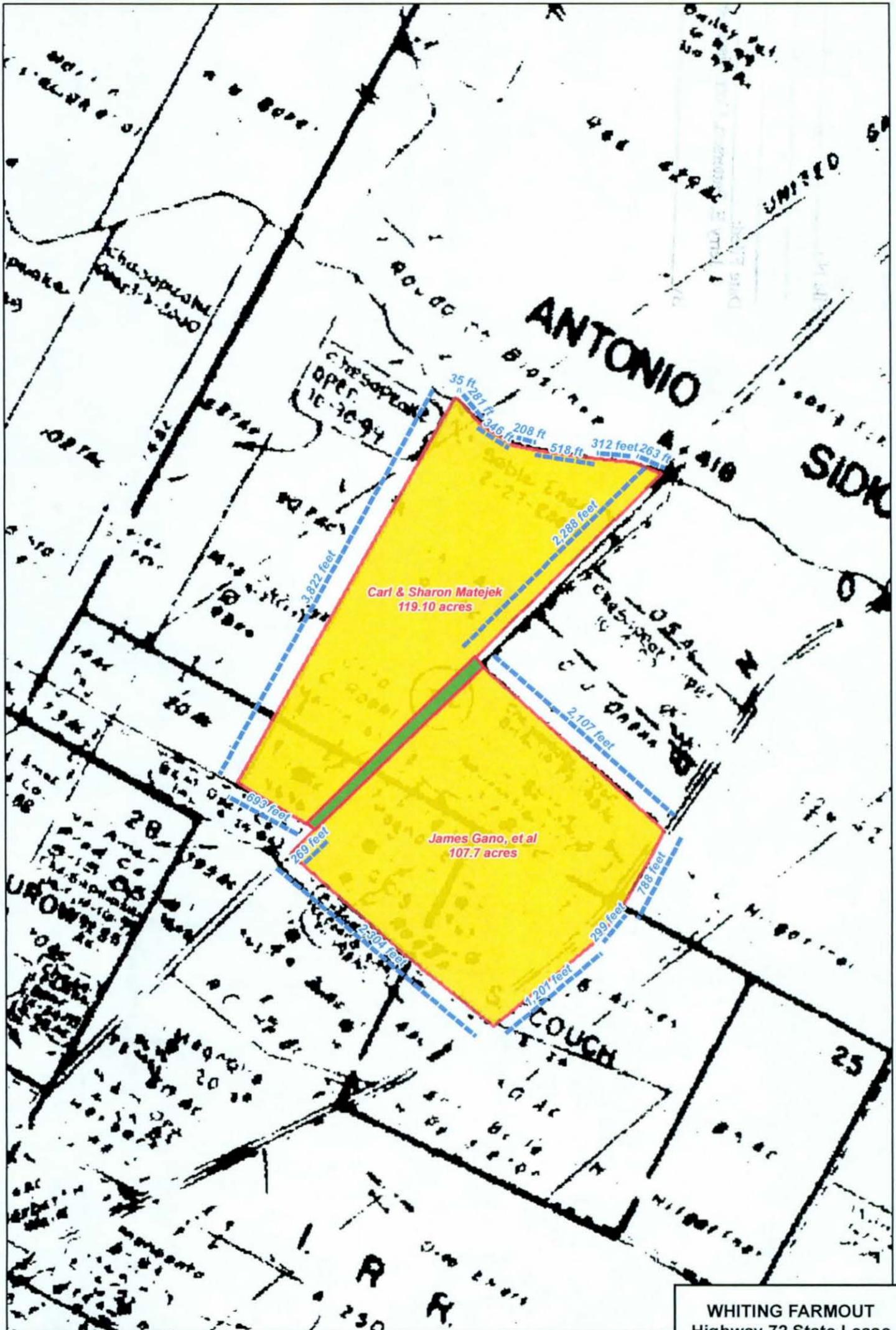


Exhibit "8"

1 inch equals 1,000 feet

WHITING FARMOUT
Highway 72 State Lease
DeWitt County, Texas
July 8, 2009

- Distance
- ROW
- Tracts

File No. MF 112076

Blats

Date Filed: 1/21/11

Jerry E. Patterson, Commissioner

By [Signature]

4.

11104935

11104935

ROAD DEED RECORD

The State of Texas
County of DeWitt

THIS INDENTURE, Made on the 22^d day of March, A. D. 1912 by and between Geo. & R. v. Roeder, Chas. J. & Mrs. Eckhardt

of the County of De Witt and State of Texas, parties of the first part, and the County of DeWitt, in the State of Texas, party of the second part.

WITNESSETH, That the said parties of the first part, in consideration of the sum of _____

DOLLARS

to us in hand paid by said party of the second part, the receipt of which is hereby acknowledged, do we by these presents remise, release and forever quit-claim unto the said party of the second part, the following described land, lying, being and situate in the County of DeWitt, and State of Texas, to-wit:

a strip of land lying in the R. Lidia one third lease, and part of Sec. No. 25 of the Ind. R.R. Co. Survey, said strip of land is to be used for road purposes and will compose a part of the Yorktown-Nordheim road, and is out of a 1793.5 acre tract conveyed to C. J. Eckhardt, Mrs. Eckhardt, William Don Roeder, and Rudolf Don Roeder, by Herman Koehne by deed recorded in Vol. _____ of the De Witt deed records, and being more particularly described by meter and bounds as follows:—

Beginning at a stake in the center of The Clets (Smiths) Cr. in the N. E. Cor. of tract No. 11, one of the tracts into which the said 1793.5 acre tract was divided; Thence with the north line of said tract No. 11, S. 28-10 ft. 36.8 fms. to a stake; Thence N. 48-30 ft. 1119.3 fms. to a stake; Thence S. 46-08 ft. 470.4 fms. to an iron pin set in the S. H. Cor. of said tract No. 11; Thence N. 48-15 ft. 11.8 fms. to a stake the west line of the said road before it was widened; Thence with the original west line of said road S. 46-05 ft. 1034.3 fms. to an iron pipe in the center of a 16 foot lane; Thence N. 60 ft. 5.4 fms. to a stake, the S. E. Cor. of tract No. 12; Thence with the east line of said tract No. 12, N. 46-05 E. 1504.4 fms. to a stake; Thence N. 48-30 E. with the east line of tract No. 10 1119.3 fms. to a stake; Thence N. 28-10 E. 36.8 fms. to a stake in the center line of said Cr. from which a narrow marked "X" 13 ft. S. 82-15 ft. 23.7 fms. Thence down said Cr. 17.5 fms. to the place of beginning, containing _____ acres of land.

TO HAVE AND TO HOLD the same, with all the rights, liberties, privileges and appurtenances thereto belonging, unto the said party of the second part, for the purpose of establishing and maintaining a public road on the said land herein conveyed, forever.

IN WITNESS WHEREOF, The said party of the first part hereunto set their hand and seal the day and year first above written.

Witnessed by
Geo. Eckhardt
Mrs. Eckhardt
Wm. Don Roeder
Rudolf Don Roeder

The State of Texas

County of De Witt

BEFORE ME, The undersigned authority, on this day personally appeared Geo. Eckhardt & Mrs. Eckhardt known to me to be the persons whose names are subscribed to the foregoing instrument, and acknowledged to me that they executed the same for the purposes and consideration therein expressed.

Given under my hand and seal of office this 22^d day of March, A. D. 1912

(SEAL)

Richard H. Eckhardt, Notary Public
De Witt Co. Texas

The State of Texas

County of _____

BEFORE ME, The undersigned authority, on this day personally appeared _____ and _____ known to me to be the persons whose names are subscribed to the foregoing instrument, and acknowledged to me that they executed the same for the purposes and consideration therein expressed. And the said _____ wife of the said _____ having been examined by me privily and apart from her husband, and having the same fully explained to her, she, the said _____ acknowledged such instrument to be her act and deed, and declared that she had willingly signed the same for the purposes and consideration therein expressed, and that she did not wish to retract it.

Given under my hand and seal of office this _____ day of _____ 191_____

(SEAL)

Filed for record the 11 day of Aug, A. D. 1914 at 11 o'clock A.M. and recorded the 18 day of Aug, A. D. 1914 at 11 o'clock A.M.

(SEAL)

By J. E. Geyer Deputy.

J. P. [Signature]
Clerk County Court, DeWitt County, Texas.

97/436 DR

I hereby certify that the foregoing instrument was filed for record the 19 day of April 1928 at 8 o'clock A. M. and recorded the 19 day of April 1928 at 9:30 o'clock A. M.

J. P. Bridges
County Clerk, DeWitt County, Texas.
By Mrs. Vane Lumbard Deputy.

Seal.

Vincent Danysch
Right of Way Deed To
DeWitt County

THE STATE OF TEXAS.
COUNTY OF DEWITT.

This indenture, made on the 16th day of April A. D. 1928 by and between Vincent Danysch of the County of DeWitt and State of Texas, party of the first part, and the County of DeWitt in the State of Texas, party of the second part,

Witnesseth, that the said party of the first part, in consideration of the sum of \$450.00 Four Hundred and Fifty and no/100 Dollars to me in hand paid by said party of the second part, the receipt of which is hereby acknowledged, do by these presents remise, release and forever quit-claim, unto the said party of the second part, the following described land, lying, being and situate in the County of DeWitt and State of Texas, to-wit:

Part of a tract of land out of the survey, conveyed to Vincent Danysch by Eckhardt & Edgar, as recorded in Deed records of DeWitt County, and more exactly described as follows: Beginning at the SE corner of the tract above referred to; Thence in a westerly direction along the south boundary line a distance of 05 ft; Thence N. 46-05 E a distance of 1630 ft; Thence N. 43-55 W. a distance of 10 ft; Thence N. 46-05 a distance of 300 ft; Thence S. 43-55 E. a distance of 10 ft; Thence N. 46-05 E a distance of 1400 ft; Thence N. 43-55 W. a distance of 50 ft; Thence N. 46-05 E. a distance of 740 ft. to a point in the north boundary line of the tract above referred to; Thence in a south-easterly direction along said north line a distance of 220 ft. to the NE corner of the said tract; Thence in a south-westerly direction along said east boundary line a distance of 4070 ft. to point of beginning. This being a strip of land off the east side of tract above referred to, varying in width from 220 ft. to 05 ft. as shown on plans for State Aid Project #735-C, and containing approximately 7.49 acres.

To have and to hold the same, with all the rights, immunities, privileges and appurtenances thereto belonging, unto the said party of the second part, for the purpose of establishing and maintaining a public road on the said land herein conveyed forever.

In witness whereof, the said party of the first part has hereunto set his hand and seal the day and year first above written.

Vincent Danysch

The State of Texas
County of DeWitt

Before me, the undersigned authority, on this day personally appeared Vincent Danysch, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed same for the purposes and considerations therein expressed.

Given under my hand and seal of office, this 16th day of April A. D. 1928.
Stanley Kulawik, County Judge,
DeWitt County, Texas.

I hereby certify that the foregoing instrument was filed for record the 19 day of April 1928 at 8 o'clock A. M. and recorded the 19 day of April 1928 at 9:45 o'clock A. M.

J. P. Bridges
County Clerk, DeWitt County, Texas.
By Mrs. Vane Lumbard Deputy.

Seal.

Otto Duderstadt
Right of Way Deed To
DeWitt County

THE STATE OF TEXAS.
COUNTY OF DEWITT.

This indenture, made on the 16th day of April A. D. 1928 by and between Otto Duderstadt of the County of DeWitt and State of Texas, party of the first part, and the County of DeWitt in the State of Texas, party of the second part,

Witnesseth, that the said party of the first part, in consideration of the sum of \$175.00 One Hundred and seventy five Dollars to me in hand paid by said party of the second part, the receipt of which is hereby acknowledged, do, by these presents remise, release and forever quit-claim, unto the said party of the second part, the following described land, lying, being and situate in the County of DeWitt and State of Texas, to-wit:

Part of Block No. 20 out of the Bode & Green Addition to the city of Nordheim, Beginning at the SW corner of said block; Thence in a northeasterly direction along the west property line of said block a distance of 75 ft; Thence S. 88-07 E a distance of 385 ft. to a point in the east property line of said block; Thence in a south-westerly direction along the said east line a distance of 75 ft. to the S. E. corner of said block; Thence N. 88-07 W. a distance of 385 ft. to point of beginning. This being a strip 60 ft. wide off the south side of said block, as shown on plans for S. A. P. #735-C, and containing approximately 0.53 acres.

Also a part of Block No. 19 out of the Bode & Green Addition to the city of Nordheim, beginning at the SE corner of said block; Thence N. 88-07 W. along the south line of said block a distance of 385 ft. to the SW corner; Thence in a north-easterly direction along the west property line of said block a distance of 95 ft. Thence S 88-07 E. a distance of 385 ft. to a point in the east line of said block; Thence in a south westerly direction along the said east line a distance of 95 ft. to the point of beginning. This being a strip 70 ft. wide off the south side of said block, as shown on plans for State Aid Project No. 735-C, and containing approximately 0.62 acre.

Total both the parcels of land being 1.15 acres.

To have and to hold the same, with all the rights, immunities, privileges and appurtenances thereto belonging, unto the said party of the second part, for the purpose of establishing and maintaining a public road on the said land herein conveyed forever.

In witness whereof, the said party of the first part has hereunto set his hand and seal the day and year first above written.

Otto Duderstadt

The State of Texas
County of DeWitt

Before me, the undersigned authority, on this day personally appeared Otto Duderstadt, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed same for the purposes and considerations therein expressed.

Given under my hand and seal of office, this 16th day of April A. D. 1928.
Stanley Kulawik, County Judge
DeWitt County, Texas.

Seal.

I hereby certify that the foregoing instrument was filed for record the 19 day of April 1928 at 8 o'clock A. M. and recorded the 19 day of April 1928 at 10 o'clock A. M.

J. P. Bridges
County Clerk, DeWitt County, Texas.

Seal.

By Mrs. Vane Leland Deputy.

Ida L. Gohmert

Right of Way Deed To

THE STATE OF TEXAS.
COUNTY OF DEWITT.

DeWitt County

This indenture, made on the 16th day of April A. D. 1928 by and between Mrs Ida L. Gohmert a feme sole; of the County of DeWitt and State of Texas, party of the first part, and the County of DeWitt in the State of Texas, party of the second part,

Witnesseth, that the said party of the first part, in consideration of the sum of \$8.40 Eight and 40/100 Dollars to me in hand paid by said party of the second part, the receipt of which is hereby acknowledged, do by these presents remise, release and forever quit-claim, unto the said party of the second part, the following described land, lying, being and situate in the County of DeWitt and State of Texas, to-wit:

Part of a tract of land out of the ___ survey, conveyed to ___ by ___ as recorded in the records of DeWitt County, and more exactly described as follows:

Beginning at the N. E. corner of the tract above referred to; Thence in a westerly direction along the north boundary line of said tract a distance of 05 ft; Thence S. 46-25 W a distance of 1010 ft; Thence in a south-westerly direction along the circumference of a circle 2825 ft. in radius and tangent to the last line stated, a distance of 225 ft to a point in the south boundary line of said tract; Thence in an easterly direction along the said south line a distance of 13 ft. to the SE corner; Thence in a northeasterly direction along the east boundary line a distance of 1235 ft. to point of beginning. This being a strip of land off the east side of the tract above referred to, 1235 ft. long and varying in width from 05 ft. to 13 ft. wide, as shown on the plans for State Aid Project #735-C, and containing approximately 0.14 acres.

To have and to hold the same, with all the rights, immunities, privileges and appurtenances thereto belonging, unto the said party of the second part, for the purpose of establishing and maintaining a public road on the said land herein conveyed forever.

In witness whereof, the said party of the first part has hereunto set her hand and seal the day and year first above written.

Mrs. Ida L. Gohmert

The State of Texas
County of DeWitt

Before me, the undersigned authority, on this day personally appeared Mrs. Ida L. Gohmert a feme sole, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed same for the purposes and considerations therein expressed.

Given under my hand and seal of office, this 16th day of April A. D. 1928.
Stanley Kulawik, County Judge
DeWitt County, Texas.

Seal.

I hereby certify that the foregoing instrument was filed for record the 19 day of April 1928 at 8 o'clock A. M. and recorded the 19 day of April 1928 at 10:15 o'clock A. M.

J. P. Bridges
County Clerk, DeWitt County, Texas.

Seal.

By Elizabeth Schuyler Deputy.

Paul Schultz

Right of Way Deed to

THE STATE OF TEXAS
COUNTY OF DEWITT

DeWitt County

This indenture, made on the 16th day of April A. D. 1928, by and between Mrs. Ida L. Paul Schultz, of the County of DeWitt, and State of Texas, party of the first part, and the County of DeWitt in the State of Texas, party of the second part:

Witnesseth, that the said party of the first part, in consideration of the sum of \$42.00, forty two and 00/100 dollars to me in hand paid by said party of the second part, the receipt of which is hereby acknowledged, do by these presents remise, release and forever quit-claim unto the said party of the second part, the following described land, lying, being and situate in the County of DeWitt and State of Texas, to-wit: Part of a tract of land out of the ___ survey conveyed to Paul Schultz by Charles W. Gohmert, as recorded in the records of DeWitt County, and more exactly described as follows:

Beginning at the N. W. corner of the tract referred to above; thence in a westerly direction along the north boundary line of said tract a distance of 95 ft; thence S 46-25 W a distance of 710 ft; thence in a southwesterly direction along the circumference of a circle 2905 ft in radius and tangent to the last line stated, a distance of 283 ft; thence S 52-00 W a distance of 505 ft to a point in the south boundary line of said tract; thence in a westerly direction along the south boundary line a distance of 15 ft. to the SW corner; thence in a northeasterly direction along the west boundary line, a distance of 1049 ft. to point of beginning, this being a strip of land off the west side of the tract above referred to, 1049 ft. long and varying in width from 16 ft. to 33 ft. wide, as shown on the plans for State Aid Project #735-C, and containing approximately 0.70 acres.

To have and to hold the same, with all the rights, immunities, privileges and appurtenances thereto belonging unto the said party of the second part, for the purpose of establishing and

5.

File No. MF117076

Dad

Date Filed: 1/21/11

Jerry E. Patterson, Commissioner

By [Signature]

1.57.17

THE STATE OF TEXAS §
COUNTY OF DEWITT §

KNOW ALL MEN BY THESE PRESENTS, THAT:

Before me, the undersigned authority, a Notary Public in and for the State of Texas, on this day personally appeared Patrick Fawbush, known to me to be a credible person and after being by me duly sworn, upon her oath deposes and says:

"My name is Patrick Fawbush. I am a Landman with OGM Land Company of Simonton, Fort Bend County, Texas. The statements herein made are being made on behalf of our client Enduring Resources LLC. in accordance with the Texas General Land Office procedures for Highway Right-of-Way lease acquisition, to address Section II(b)(3) of said procedures.

This Affidavit is given to reflect the highest bonus consideration paid for acquiring a lease on lands adjacent to the subject 8.836 acres, more or less, Highway Right-of-Way (State Highway 72) 2.821 acres, more or less, Highway Right-of-Way (State Highway 72) I. R. R. Survey Section 25, Abstract 250 and Antonio Sidic 1/3 League, Abstract 418, DeWitt County, Texas in relation to the tracts identified with OGM Tract Numbers on Exhibit "5" included herein:

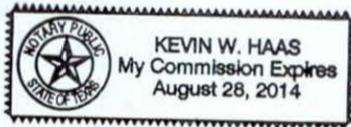
I certify that the highest bonus paid per net mineral acre by or on behalf of Enduring Resources LLC, covering the leasehold estate reflected on Exhibits "2" and "5" hereof was \$1,450 per net mineral acre with a 0.25000000% royalty for a seven year term. Per negotiations with Drew Ried of the General Land Office, an amount of \$630.00 per net mineral acre at 0.25000000% royalty for a three year term was an agreeable fair market rate for this roadway tract.

Further, Affiant sayeth not.


Patrick Fawbush

State of Texas §
County of Lavaca §

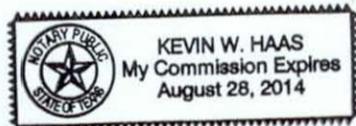
Sworn to and subscribed before me this 19th day of January, 2011.




Notary Public, State of Texas

State of Texas §
County of Lavaca §

This instrument was acknowledged before me on this the 19th day of January, 2011, by Patrick Fawbush.




Notary Public, State of Texas

THE STATE OF TEXAS §
COUNTY OF DEWITT §

KNOW ALL MEN BY THESE PRESENTS, THAT:

Before me, the undersigned authority, a Notary Public in and for the State of Texas, on this day personally appeared Patrick Fawbush, know to me to be a credible person and after being by me duly sworn, upon her oath deposes and says:

“My name is Patrick Fawbush. I am a Landman for OGM Land Company of Simonton, Fort Bend County, Texas. The statements herein made are being made on behalf of our client Enduring Resources LLC. in accordance with the Texas General Land Office procedures for Highway Right-of-Way lease acquisition, to address Section II(a)(3) of said procedures.

This Affidavit is given to verify that the requested Oil and Gas Lease acquisition covering 2.821 acres, more or less, Highway Right-of-Way (State Highway 72) I. R. R. Survey Section 25, Abstract 250 and Antonio Sidic 1/3 League, Abstract 418, DeWitt County, Texas is being leased for the specific purpose of drilling a horizontal well.”

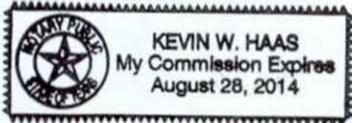
Further, Affiant sayeth not.


Patrick Fawbush

State of Texas §
County of Lavaca §

Sworn to and subscribed before me this 19th day of January, 2011.

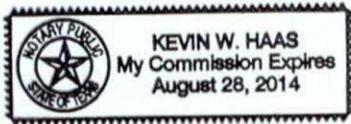

Notary Public, State of Texas



State of Texas §
County of Lavaca §

This instrument was acknowledged before me on this the 19th day of January, 2011, by Patrick Fawbush.


Notary Public, State of Texas



6.

File No. MF117076

Affidavits + Waiver

Date Filed: 11/21/11

Jerry E. Patterson, Commissioner

By [Signature]

1.57.77

Adjacent Mineral Owners
Schedule
2.821 acres, more or less, Highway Right-of-Way (State Highway 72)
I. R. R. Survey Section 25, Abstract 250 and Antonio Sidic 1/3 League, Abstract 418, DeWitt
County, Texas

OGM Tract 021-001, 119.10 acres (Whiting Farmout Prospect)

100 % leased by Jeffrey Scot Deason d/b/a D. O. G. Interests

Leasehold assigned to Whiting Oil & Gas Corporation and included in Farmout and
Option Agreement

OGM Tract 021-005, 107.7 acres (Whiting Farmout Prospect)

100 % leased by Jeffrey Scot Deason d/b/a D. O. G. Interests

Leasehold assigned to Whiting Oil & Gas Corporation and included in Farmout and
Option Agreement



Schedule of copies of recorded Oil, Gas and Mineral Leases covering the adjacent lands to the subject 2.821 acre Highway Right-of-Way ("HROW") as they apply to the OGM Tracts identified on Exhibit "5" attached hereto. The schedule is submitted in accordance with the Texas General Land Office procedures for "HROW" lease acquisition Section II(b)(2).

OGM Tract 021-001 119.10 acres (Whiting Farmout Prospect)

Lease executed by Carl Matejek and Sharon R. Matejek, filed by Oil Gas and Mineral Lease under Volume 175, Page 519, DeWitt County Official Public Records and amended in Volume 268, Page 532, DeWitt County Official Public Records and Volume 304, Page 23. DeWitt County Official Public Records.

OGM Tract 021-005, 107.7 acres (Whiting Farmout Prospect)

Lease executed by James Gano, Janet Gano and Helen Louise Gano Norris, filed by Oil Gas and Mineral Lease under Volume 175, Page 496, DeWitt County Official Public Records and amended in Volume 266, Page 36, DeWitt County Official Public Records and Volume 307, Page 127, DeWitt County Official Public Records.



File No. MF 112076

General Owners

Date Filed: 1/21/11

Jerry E. Patterson, Commissioner

By [Signature]

1.57.77

Farmout and Option Agreement

This Agreement is entered into this 15th day of March, 2007 ("Effective Date") between Whiting ³⁹⁰⁸Oil and Gas Corporation, 1700 Broadway, Suite 2300, Denver, Colorado, 80290 ("Whiting") and Enduring Resources, LLC, 475 17th Street, Suite 1500, Denver, Colorado, 80202 ("Enduring").

Whereas, Whiting owns oil and gas leases covering certain lands in Karnes, DeWitt and Lavaca Counties, Texas, more particularly described on Exhibit A attached hereto ("Leases"); and

Whereas, Enduring is interested in acquiring a portion of Whiting's interest by drilling wells on the Leases or on lands pooled therewith.

Now therefore, for and in consideration of the mutual covenants and agreements contained herein, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the parties agree as follows.

I. Earning Wells

1.1. On or before twelve (12) months from the Effective Date, Enduring shall commence operations on four wells at locations on the Leases or on lands pooled therewith selected by Enduring ("Earning Wells"). Each such well shall be drilled to a depth sufficient to test the Edwards Lime Formation, or to the stratigraphic equivalent of 13,580 feet as found in the Rhodes Trust #3H well, whichever is the lesser depth. Each such well should be drilled on a separate unit containing not more than 704 acres, which unit shall be designated by Enduring.

1.2. Enduring shall pay 100% of the costs to drill, test and either complete each Earning Well through the tanks if the Well is an oil well and through the separator if the Well is a gas well, or plug and abandon such Well.

1.3. Upon completion of each Earning Well as a well capable of producing oil or gas in paying quantities or upon plugging and abandonment of said well, Whiting shall assign to Enduring 83.33333% of its interest in the Leases, insofar as the Leases cover the unit for such Earning Well designated by Enduring. This assignment shall not be limited as to depth and shall be subject only to royalties, overriding royalties, and other burdens of record as of the Effective Date. In the event Enduring pools leasehold other than that owned by Whiting into an earning unit, Whiting shall be assigned its proportionate share of such leasehold pursuant to the terms of the Area of Mutual Interest as set forth in Section 4.0 herein.

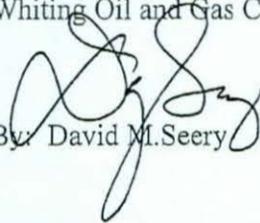
1.4. Whiting shall assign to Enduring all surface use agreements, rights of way or easements that are necessary or convenient for accessing or operating any Earning or Option Well, to the extent that such agreements are assignable.

Majeure shall mean an act of God, strike, lockout, or other industrial disturbance, act of public enemy, war, blockade, public riot, lightning, fire, storm, flood, explosion, governmental action, governmental delay, restraint or inaction, unavailability of equipment, lack of a pipeline, and any other cause, whether of the kind specifically enumerated above or otherwise, which is not reasonably within the control of the party claiming suspension.

5.15. Termination. This Agreement shall terminate one year from the Effective Date if the four Earning Wells have not been commenced by that date. Thereafter, the Agreement shall terminate at such time as the 120 day period from rig release of a prior well expires without Enduring commencing an Option Well. Termination of this Agreement shall terminate Enduring's right to earn additional interests in the Leases but shall not affect its rights to interests in the Leases earned prior to termination by the timely drilling of Earning Wells or Option Wells. The failure of Enduring to timely commence drilling as set forth herein shall result in termination of this Agreement and forfeiture by Enduring of all rights hereunder (except those rights earned by the drilling of any well pursuant to the terms hereof), but shall result in no further liability to Enduring.

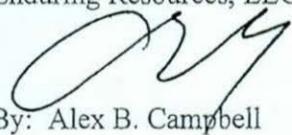
5.16. Counterparts. This Agreement may be executed in multiple counterparts, each of which shall be deemed to be an original, but all of which together shall constitute one and the same instrument.

Whiting Oil and Gas Corporation


By: David M. Seery

Title: Vice President

Enduring Resources, LLC


By: Alex B. Campbell

Title: Vice President

Exhibit "A"

(See Attached)

1
2
3
4
5
6
7
8
9
10

Lease.....	Lessor.....	Lessee.....	Lease date	Exp Date.	Book.....	Page..	County.....	Lease legal desc.....
								D. HULL, RECORDED IN VOLUME 130, PAGE 3 OF THE OFFICIAL PUBLIC RECORDS, DEWITT COUNTY, TEXAS.
TX522.012A	DAVIS SCHUENEMANN, LIFE ESTATE	JEFFREY SCOT DEASON DBA DOG INTERESTS	09/30/05	09/30/08	177	823	DE WITT	Tract: 1 Twp Blk Sec WILLIAM QUINN SURVEY, A-394 20.0 ACRES OF LAND, MORE OR LESS, OUT OF THE WILLIAM QUINN SURVEY, A-394, BEING THE REMAINDER OF A 40 ACRE TRACT DESCRIBED IN EXECUTOR'S DISTRIBUTION DEED DATED OCTOBER 29, 2001 FROM JOYCE ANN WARWAS, INDEPENDENT EXECUTOR OF THE ESTATE OF WINNIE SWOAP SCHUENEMANN, DECEASED, TO DAVIS SCHUENEMANN, FOR THE TERM OF HIS NATURAL LIFE ONLY, RECORDED IN VOLUME 101, PAGE 517 OF THE OFFICIAL PUBLIC RECORDS, DEWITT COUNTY, TEXAS, LESS A 20 ACRE TRACT DESCRIBED IN DEED DATED JULY 2, 2004 FROM DAVIS SCHUENEMANN ET AL TO BERNARD WARWAS AND JOYCE WARWAS, HUSBAND AND WIFE, RECORDED IN VOLUME 147, PAGE 49 OF THE OFFICIAL PUBLIC RECORDS, DEWITT COUNTY, TEXAS
TX522.013	JAMES GANO, JANET GANO, AND HELEN LOUISE GANO NORRIS	JEFFREY SCOT DEASON D/B/A D O G INTERESTS	09/20/05	09/20/08	175	487	DE WITT	Tract: 1 Twp Blk Sec WILLIAM G HILL SURVEY, A-223 161.3 ACRES, MORE OR LESS, PART OF THE WILLIAM G. HILL SURVEY, A-223, AND BEING THE SAME LAND AS DESCRIBED IN GIFT DEED DATED SEPTEMBER 10, 1960 FROM RUDOLPH J. ROEDER ET UX TO MRS. HELEN ROEDER GANO, RECORDED IN VOLUME 148, PAGE 412, DEED RECORDS OF DEWITT COUNTY, TEXAS
TX522.014	JAMES GANO, JANET GANO, AND HELEN LOUISE GANO NORRIS	JEFFREY SCOT DEASON D/B/A D O G INTERESTS	09/20/05	09/20/08	175	496	DE WITT	Tract: 1 Twp Blk Sec ANTONIO SIDIC 1/3 LEAGUE, A-418 107.7 ACRES, MORE OR LESS, PART OF THE ANTONIO SIDIE 1/3 LEAGUE, A-418, THE IRR COMPANY SURVEY, SECTION 25, A-250, AND THE S. COUCH SURVEY, A-124, AND BEING THE SAME LAND AS DESCRIBED IN WARRANTY DEED DATED JULY 17, 1969 FROM RUDOLPH J. ROEDER, JR. ET UX TO MRS. HELEN R. GANO, RECORDED IN VOLUME 178, PAGE 121, DEED RECORDS OF DEWITT COUNTY, TEXAS
TX522.015	CALVIN G BUESING AND KENNETH BUESING	JEFFREY SCOT DEASON D/B/A D O G INTERESTS	09/19/05	09/19/08	175	512	DE WITT	Tract: 1 Twp Blk Sec WILLIAM G HILL SURVEY, A-223 104.6 ACRES, MORE OR LESS, A PART OF THE WILLIAM G. HILL SURVEY, A-223, AND BEING THE SAME LAND DESCRIBED IN DEED DATED JUNE 26, 1951

Lease.....	Lessor.....	Lessee.....	Lease date	Exp Date.	Book.....	Page..	County.....	Lease legal desc.....
								FROM KERMIT LADNER, INDEPENDENT EXECUTOR OF ESTATE OF ED BOERM, DECEASED, AND OF ESTATE OF IDA BOERM, DECEASED, TO ALVIN BUESING ET UX, RECORDED IN VOLUME 131, PAGE 532, DEED RECORDS OF DEWITT COUNTY, TEXAS

TX522.016	ELROIS BOERM A SINGLE MAN AND DELLA MAE BOERM SAUER AND HER HUSBAND VERLIN SAUER SAID VERLIN SAUER ACTING HEREIN BY AND THROUGH DELLA MAE SAUER HIS ATTORNEY IN FACT	JEFFREY SCOT DEASON D/B/A D O G INTERESTS	09/16/05	09/16/08	175	471	DE WITT
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Tract: 1
 Twp Blk Sec
 INDIANOLA RAILROAD CO SURVEY 28
 INDIANOLA RAILROAD CO SURVEY 25

94.4 ACRES OF LAND, MORE OR LESS, SITUATED IN THE INDIANOLA RAILROAD COMPANY SURVEY, SEC. 28, A-252, THE INDIANOLA RAILROAD COMPANY SURVEY, SECT. 25, A-250, AND THE WILLIAM G. HILL SURVEY, A-223, AND BEING THE SAME LAND AS DESCRIBED IN DEED DATED AUGUST 5, 1988 FROM KIRBY RAE SAUER TO HELEN BOERM AND RECORDED IN VOLUME 335, PAGE 106, DEED RECORDS OF DEWITT COUNTY, TEXAS

BEGINNING AT A STAKE SET IN THE NORTHWEST CORNER OF TRACT NO. 12, AND THE NORTHEAST CORNER OF THIS TRACT; THENCE WITH THE LINE BETWEEN TRACTS NOS. 12 AND 13, SOUTH 30 DEG WEST 1089 VARAS TO A STAKE SET IN THE SOUTHEAST CORNER OF THIS TRACT; THENCE NORTH 60 DEG WEST 490 VARAS WITH THE SOUTH LINE OF SAID TRACT NO. 13 TO A STAKE SET IN THE SOUTHWEST CORNER OF THIS TRACT; THENCE WITH THE LINE BETWEEN NOS. 13 AND 14 NORTH 30 DEG EAST 1089 VARAS TO A STAKE IN THE NORTHWEST CORNER OF THIS TRACT; AND IN THE SOUTH LINE OF A 30 FOOT LANE; THENCE WITH THE SOUTH LINE OF SAID LANE SOUTH 60 DEG EAST 490 VARAS THE PLACE OF BEGINNING, CONTAINING 94.4 ACRES OF LAND

TX522.017	CARL MATEJEK AND SHARON R MATEJEK EACH DEALING IN THEIR SOLE AND SEPARATE PROPERTY	JEFFREY SCOT DEASON D/B/A D O G INTERESTS	09/19/05	09/19/08	175	519	DE WITT
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Tract: 1
 Twp Blk Sec
 INDIANOLA RAILROAD CO SURVEY 25

119.10 ACRES OF LAND, MORE OR LESS, IN THE INDIANOLA RAILROAD COMPANY SURVEY, SECTION 25, A-250, AND THE ANTONIO SIDIC 1/3 LEAGUE, A-418, AND BEING THE SAME LAND DESCRIBED IN DEED DATED JULY 11, 1977 FROM OTTO C. ROEHL ET UX TO WILFRED H. ROEHL, RECORDED IN VOLUME 245, PAGE 300, DEED RECORDS OF DEWITT COUNTY, TEXAS

BEGINNING AT A STAKE SET IN THE CENTER LINE OF COLLETTO CREEK, AND THE WEST BOUNDARY LINE OF THE NORDHEIM-YORKTOWN ROAD (THE OLD ROAD), FROM

11.12.1

Lease.....	Lessor.....	Lessee.....	Lease date	Exp Date.	Book.....	Page..	County.....	Lease legal desc.....
TX522.018	EVELYN OSTERLOH WILLIAM T OSTERLOH AND TIMOTHY W OSTERLOH	JEFFREY SCOT DEASON D/B/A D O G INTERESTS	09/15/05	09/15/08	175	884	DE WITT	WHICH A WILLOW TREE MARKET X BEARS NORTH 82 DEG 15" WEST 23.7 VARAS; THENCE WITH THE WEST LINE OF SAID ROAD AS FOLLOWS: SOUTH 28 DEG 10' WEST 36.8 VARAS, A STAKE; THENCE SOUTH 48 DEG 30' WEST 1119.3 VARAS TO A STAKE; THENCE SOUTH 46 DEG 5' WEST 356 VARAS TO A STAKE; THENCE NORTH 60 DEG WEST 270.6 VARAS TO A STAKE SET IN THE SOUTHWEST CORNER OF THIS TRACT; THENCE NORTH 30 DEG EAST 1350 VARAS TO A STAKE SET IN THE CENTER LINE OF COLLETO CREEK; THENCE DOWN SAID CREEK WITH ITS CENTER LINE AND ITS MEANDERS TO THE PLACE OF BEGINNING; CONTAINING WITHIN SAID BOUNDARIES 119.1 ACRES OF LAND Tract: 1 Twp Blk Sec IRR COMPANY SURVEY, A-253 57.23 ACRES OF LAND, MORE OR LESS, OUT OF THE I R R COMPANY SURVEY, SECTION 31, A-253, AND BEING THE SAME LAND AS DESCRIBED IN GIFT DEED FROM MATHILDA OSTERLOH TO VERNON N. OSTERLOH ET AL, RECORDED IN VOLUME 226, PAGE 250, DEED RECORDS OF DEWITT COUNTY, TEXAS
TX522.019A	JUDITH L MAZAK DEALING IN HER SOLE AND SEPARATE PROPERTY	JEFFREY SCOT DEASON D/B/A D O G INTERESTS	09/20/05	09/20/08	175	505	DE WITT	Tract: 1 Twp Blk Sec ROBERT GALLETY SURVEY A-195 129.5056 ACRES OF LAND, MORE OR LESS, A PART OF THE ROBERT GALLETY LEAGUE AND LABOR, A-195, AND BEING THE SAME LAND DESCRIBED IN WARRANTY DEED DATED JULY 28, 2000, FROM TEXAS MINERAL TRUST D/B/A DEWITT LAND AND CATTLE COMPANY TO JUDITH L. MAZAK, RECORDED IN VOLUME 79, PAGE 645, OFFICIAL PUBLIC RECORDS OF DEWITT COUNTY, TEXAS
TX522.019B	TEXAS MINERAL TRUST DBA DEWITT LAND AND CATTLE CO, ACTING BY AND THROUGH BRAD COLEMAN, TRUSTEE	JEFFREY SCOT DEASON D/B/A D O G INTERESTS	11/15/05	11/15/08	181	718	DE WITT	Tract: 1 Twp Blk Sec ROBERT GALLETY SURVEY, A-195 129.5056 ACRES OF LAND, MORE OR LESS, A PART OF THE ROBERT GALLETY LEAGUE AND LABOR, A-195, AND BEING THE SAME LAND DESCRIBED IN WARRANTY DEED DATED JULY 28, 2000, FROM TEXAS MINERAL TRUST D/B/A DEWITT LAND AND CATTLE COMPANY TO JUDITH L. MAZAK, RECORDED IN VOLUME 79, PAGE 645, OFFICIAL PUBLIC RECORDS OF DEWITT COUNTY, TEXAS
TX522.020A	SOUTHLAND RANCHES INC.	WHITING OIL AND GAS CORPORATION	10/15/05	10/15/08	189 189	837 837	DE WITT DE WITT	Tract: 1 Twp Blk Sec CALEB WILBURN SURVEY, A-476 2,117.92 ACRES, MORE OR LESS, MORE PARTICULARLY DESCRIBED IN TWO TRACTS AS FOLLOWS:

11.11.11

File No. MF 117076

Formout + Option

Date Filed: 1/21/11

Jerry E. Patterson, Commissioner

By [Signature]

Whitings Farms
1140 2nd St

Notice of Confidentiality Rights: If you are a natural person, you may remove or strike any of the following information from this instrument before it is filed for record in the Public Records: Your Social Security Number or your Driver's License Number.

OIL, GAS AND MINERAL LEASE
(PAID UP LEASE)

THIS AGREEMENT made this 19th day of September, 2005, between CARL MATEJEK and SHARON R. MATEJEK, each dealing in their sole and separate property, Lessor (whether one or more), whose address is: 303 Roehl Lane, Yorktown, Texas 78164, and JEFFREY SCOT DEASON d/b/a D.O.G. INTERESTS, whose address is P. O. Box 1320, Port Aransas, Texas 78373, Lessee, WITNESSETH:

1. Lessor in consideration of Ten and No/100 Dollars (\$10.00) in hand paid, of the royalties herein provided and of the agreements of Lessee herein contained, hereby grants, leases and lets exclusively unto Lessee for the purpose of investigating, exploring, prospecting, drilling and mining for and producing oil, gas and all other minerals, conducting exploration, geologic and geophysical surveys by seismograph, core, test, gravity, and magnetic methods, laying pipe lines, building roads, tanks, power stations, telephone lines and other structures thereon ~~and on, over, and across lands owned or claimed by Lessor adjacent and contiguous thereto~~, to produce, save, take care of, treat, transport, and own said products, and housing its employees, the following described land in DeWitt County, Texas, to-wit:

119.10 acres of land, more or less, in the Indianola Railroad Company Survey, Section 25, A-250, and the Antonio Sidic 1/3 League, A-418, DeWitt County, Texas, and being the same land described in deed dated July 11, 1977, from Otto C. Roehl et ux to Wilfred H. Roehl, recorded in Volume 245, Page 300, Deed Records of DeWitt County, Texas.

~~This lease also covers and includes all land owned or claimed by Lessor adjacent or contiguous to the land particularly described above, whether the same be in said survey or surveys or in adjacent surveys although not included within the boundaries of the land particularly described above.~~

2. Without reference to the commencement, prosecution or cessation at any time of drilling or other development operations, and/or to the discovery, development or cessation at any time of production of oil, gas or other minerals, and without further payments than the royalties herein provided, and notwithstanding anything else herein contained to the contrary, this lease shall be for a term of three (3) years from this date (called "primary term") and as long thereafter as oil, gas or other mineral is produced from said land or land with which said land is pooled hereunder or as long as this lease is continued in effect as otherwise provided herein.

3. The royalties to be paid by Lessee are:

(a) on oil, 3/16ths of the production produced and saved from said land, the same to be delivered, free of all costs and expenses to the Lessor into the pipeline, or other receptacle to which the Lessee may connect its wells or the market value thereof, at the option of the Lessor, such value to be determined by (1) the highest posted price, plus premium, if any, offered or paid for oil, condensate, distillate, or other liquid hydrocarbons, respectively of a like type and gravity for the field where produced and when run, or (2) the gross proceeds of the sale thereof, whichever is greater.

(b) on gas, including casinghead gas or other gaseous substance, produced from said land, 3/16ths of the greater of (1) the market value at the wellhead of such gas, paid to Lessor free of all costs and expenses, or (2) the gross proceeds realized from the sale of such gas, free of all costs and expenses, to the first non-affiliated third party purchaser under a bona fide arms length sale or contract. "Gross proceeds" (for royalty payment purposes) shall mean the total monies and other consideration accruing to or paid the Lessee or received by Lessee for disposition or sale of all unprocessed gas proceeds, residue gas, gas plant products or other products. Gross proceeds shall include, but is not limited to advance payments, take-or-pay payments (whether paid pursuant to contract, in settlement or received by judgment) reimbursement for production or severance taxes and any and all other reimbursements or payments

(c) If any disposition, contract or sale of oil or gas shall include any reduction or charge for the expenses or costs of production, treatment, transportation, manufacturing, process or marketing of the oil or gas, then such deduction, expense or cost shall be added to the market value or gross proceeds so that Lessor's royalty shall never be chargeable directly or indirectly with any costs or expenses other than its pro rata share of severance or production taxes.

(d) While there is a gas well on this lease or on acreage pooled therewith but gas is not being sold or used, Lessee may pay as royalty to the credit of the owner or owners of royalty hereunder in 1st National Bank of Beeville, Yorktown Branch bank at Yorktown, Texas, (which bank and its successors are the royalty owner or owner's agent, and shall continue as depository for all such sums which Lessee may pay hereunder, regardless of changes in ownership of royalties) on or before ninety (90) days after the date on which (1) said well is shut in, or (2) the land covered hereby or any portion thereof is included in a pooled unit on which a well is located, or (3) this lease ceases to be otherwise maintained as provided herein, whichever is the later date, and thereafter at annual intervals, the sum \$25.00 per mineral acre, and if such payment is made or tendered, this lease shall not terminate and it will be considered that gas is being produced from this lease in paying quantities; and (c) on all other minerals mined and marketed, one-tenth either in kind or value at the well or mine, at Lessee's election, except that on sulphur mined and marketed, the royalty shall be \$3.00 per long ton. Lessee shall have free use of oil, gas, coal and water from said land, except

water from Lessor's wells, creeks and watering places for all operations hereunder, and the royalty on oil, gas and coal shall be computed after deducting any so used.

4. Lessee, at its option, is hereby given the right and power to pool or combine the acreage covered by this lease or any portion thereof as to oil and gas, or either of them, with any other land covered by this lease, and/or with any other land, lease or leases in the immediate vicinity thereof to the extent hereinafter stipulated, when in Lessee's judgment it is necessary or advisable to do so in order properly to explore, or to develop and operate said leased premises in compliance with the rules or regulations of the Railroad Commission of Texas, or other lawful authority, or when to do so would, in the judgment of Lessee, promote the conservation of oil and gas in and under and that may be produced from said premises. Such pooling shall be into a unit or units not exceeding forty (40) acres plus an acreage tolerance of ten percent (10%) thereof for oil, and units not exceeding six hundred forty (640) acres each plus an acreage tolerance of ten percent (10%) thereof for gas, provided that, should governmental authority having jurisdiction prescribe or permit the creation of any drilling, spacing or proration units larger than those specified above, such units may be created or enlarged to conform in size to the drilling or spacing units so prescribed or permitted or to the proration units as may be authorized for obtaining the maximum allowable production from one well. Lessee may pool the acreage or interests above described, or any portion thereof, as above provided, as to oil or gas in any one or more zones, and units so formed need not conform in size or area with the unit or units into which the lease is pooled or combined as to any other zone, and oil units need not conform as to area with gas units. The pooling in one or more instances shall not exhaust the rights of the Lessee hereunder to pool this lease or portions thereof into other units. Lessee shall file for record in the appropriate records of the county in which the leased premises are situated an instrument describing and designating the pooled acreage as a pooled unit; and upon such recordation the unit shall be effective as to all parties hereto, their heirs, successors, and assigns, irrespective of whether or not the unit is likewise effective as to all other owners of surface, mineral, royalty, or other rights in land included in such unit. Lessee may at its election exercise its pooling option before or after commencing operations for or completing an oil or gas well on the leased premises, and the pooled unit may include, but it is not required to include, land or leases upon which a well capable of producing oil or gas in paying quantities has theretofore been completed or upon which operations for the drilling of a well for oil or gas have theretofore been commenced. In the event of operations for drilling on or production of oil or gas from any part of a pooled unit which includes all or a portion of the land covered by this lease, regardless of whether such operations for drilling were commenced or such production was secured before or after the execution of this instrument or the instrument designating the pooled unit, such operations shall be considered as operations for drilling on or production of oil or gas from land covered by this lease whether or not the well or wells be located on the premises covered by this lease and in such event operations for drilling shall be deemed to have been commenced on said land within the meaning of paragraph 5 of this lease; and the entire acreage constituting such unit or units, as to oil and gas, or either of them, as herein provided, shall be treated for all purposes, except the payment of royalties on production from the pooled unit, as if the same were included in this lease. For the purpose of computing the royalties to which owners of royalties and payments out of production and each of them shall be entitled on production of oil and gas, or either of them, from the pooled unit, there shall be allocated to the land covered by this lease and included in said unit (or to each separate tract within the unit if this lease covers separate tracts within the unit) a pro rata portion of the oil and gas, or either of them, produced from the pooled unit after deducting that used for operations on the pooled unit. Such allocation shall be on an acreage basis—that is to say, there shall be allocated to the acreage covered by this lease and included in the pooled unit (or to each separate tract within the unit if this lease covers separate tracts within the unit) that pro rata portion of the oil and gas, or either of them, produced from the pooled unit which the number of surface acres covered by this lease (or in each such separate tract) and included in the pooled unit bears to the total number of surface acres included in the pooled unit. Royalties hereunder shall be computed on the portion of such production, whether it be oil and gas, or either of them, so allocated to the land covered by this lease and included in the unit just as though such production were from such land. The production from an oil well will be considered as production from the lease or oil pooled unit from which it is producing and not as production from a gas pooled unit; and production from a gas well will be considered as production from the lease or gas pooled unit from which it is producing and not from an oil pooled unit. The formation of any unit hereunder shall not have the effect of changing the ownership of any delay rental or shut-in production royalty which may become payable under this lease. If this lease now or hereafter covers separate tracts, no pooling or unitization of royalty interests as between any such separate tracts is intended or shall be implied or result merely from the inclusion of such separate tracts within this lease but Lessee shall nevertheless have the right to pool as provided above with consequent allocation of production as above provided. As used in this paragraph 4, the words "separate tract" mean any tract with royalty ownership differing, now or hereafter, either as to parties or amounts, from that as to any other part of the leased premises.

5. If at the expiration of the primary term, oil, gas, or other mineral is not being produced on said land, or from land pooled therewith, but Lessee is then engaged in drilling or reworking operations thereon, or shall have completed a dry hole thereon within 60 days prior to the end of the primary term, the lease shall remain in force so long as operations on said well or for drilling or reworking of any additional well are prosecuted with no cessation of more than 60 consecutive days, and if they result in the production of oil, gas or other mineral, so long thereafter as oil, gas, or other mineral is produced from said land, or from land pooled therewith. If, after the expiration of the primary term of this lease and after oil, gas, or other mineral is produced from said land, or from land pooled therewith, the production thereof should cease from any cause, this lease shall remain in force only if Lessee commences operations for drilling or reworking within 60 days after the cessation of such production but shall remain in force and effect so long as such operations are prosecuted with no cessation of more than 60 consecutive days, and if they result in the production of oil, gas, or other mineral, so long thereafter as oil, gas, or other mineral is produced from said land, or from land pooled therewith. Any pooled unit designated by Lessee in accordance with the terms hereof, may be dissolved by Lessee by instrument filed for record in the appropriate records of the county in which the leased premises are situated at any time after the completion of a dry hole or the cessation of production on said unit. In the event a well or wells producing oil or gas in paying quantities should be brought in on adjacent land and draining the leased premises, or land pooled therewith, Lessee agrees to drill such offset well or wells as a reasonably prudent operator would drill under the same or similar circumstances. Lessee may at any time execute and deliver to Lessor place of record a release or releases covering any portion or portions of the above described premises and thereby surrender this lease as to such portion or portions and be relieved of all obligations as to the acreage surrendered.

6. Lessee shall have the right at any time during or within six months after the expiration of this lease to remove all property and fixtures placed by Lessee on said land, including the right to draw and remove all casing. Thereafter same become the property of Lessor. When required by Lessor, Lessee will bury all pipe lines below ordinary plow depth, and no operations shall be conducted within 400 feet of any residence or barn now on said land without Lessor's consent.

7. The rights of either party hereunder may be assigned in whole or in part, and the provisions hereof shall extend to their heirs, successors and assigns, but no change or division in ownership of the land or royalties, however accomplished, shall operate to enlarge the obligations or diminish the rights of Lessee; and no change or division in such ownership shall be binding on Lessee until thirty (30) days after Lessee shall have been furnished by registered U.S. mail at Lessee's principal place of business with a certified copy of recorded instrument or instruments evidencing same. In the event of assignment hereof in whole or in part liability for breach of any obligation hereunder shall rest exclusively upon the owner of this lease or of a portion thereof who commits such breach.

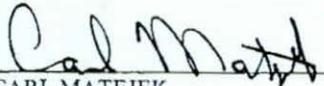
8. The breach by Lessee of any obligation arising hereunder shall not work a forfeiture or termination of this lease nor cause a termination or reversion of the estate created hereby nor be grounds for cancellation hereof in whole or in part. No obligation reasonably to develop the leased premises shall arise during the primary term. Should oil, gas or other mineral in paying quantities be discovered on said premises, then after the expiration of the primary term, Lessee shall develop the acreage retained hereunder as a reasonably prudent operator, but in discharging this obligation it shall in no event be required to drill more than one well per forty (40) acres of the area retained hereunder and capable of producing oil in paying quantities and one well per 640 acres plus an acreage tolerance not to exceed 10% of 640 acres of the area retained hereunder and capable of producing gas or other mineral in paying quantities. If after the expiration of the primary term, Lessor considers that operations are not at any time being conducted in compliance with this lease, Lessor shall notify Lessee in writing of the facts relied upon as constituting a breach hereof, and Lessee, if in default, shall have sixty days after receipt of such notice in which to commence the compliance with the obligations imposed by virtue of this instrument.

9. Lessor hereby warrants and agrees to defend the title to said land and agrees that Lessee at its option may discharge any tax, mortgage or other lien upon said land either in whole or in part, and in event Lessee does so, it shall be subrogated to such lien with the right to enforce same and apply royalties accruing hereunder toward satisfying same. Without impairment of Lessee's right under the warranty in event of failure of title, it is agreed that if Lessor owns an interest in the oil, gas or other minerals on, in or under said land less than the entire fee simple estate, whether or not this lease purports to cover the whole or a fractional interest, then the royalties to be paid Lessor shall be reduced in the proportion that his interest bears to the whole and undivided fee and in accordance with the nature of the estate of which Lessor is seized. Should any one or more of the parties named above as Lessors fail to execute this lease, it shall nevertheless be binding upon the party or parties executing the same.

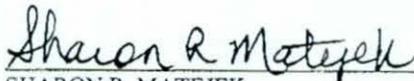
10. Should Lessee be prevented from complying with any express or implied covenant of this lease, from conducting drilling or reworking operations thereon or on land pooled therewith or from producing oil or gas therefrom or from land pooled therewith by reason of scarcity of or inability to obtain or to use equipment or material, or by operation of force majeure, any Federal or state law or any order, rule or regulation of governmental authority, then while so prevented, Lessee's obligation to comply with such covenant shall be suspended, and Lessee shall not be liable in damages for failure to comply therewith; and this lease shall be extended while and so long as Lessee is prevented by any such cause from conducting drilling or reworking operations on or from producing oil or gas from the leased premises or land pooled therewith, and the time while Lessee is so prevented shall not be counted against Lessee, anything in this lease to the contrary notwithstanding.

SEE ADDENDUM, PARAGRAPHS A THROUGH Z, ATTACHED HERETO AND MADE A PART HEREOF FOR ALL PURPOSES.

IN WITNESS WHEREOF, this instrument is executed on the date first above written.



CARL MATEJEK



SHARON R. MATEJEK

THE STATE OF TEXAS :
:
COUNTY OF DeWITT :

This instrument was acknowledged before me on the 19th day of September, 2005, by CARL MATEJEK and SHARON R. MATEJEK.



NOTARY PUBLIC, STATE OF TEXAS

ADDENDUM

THE PROVISIONS OF THIS ADDENDUM SHALL CONTROL AND GOVERN OVER ANYTHING HEREIN ABOVE PROVIDED WHICH MAY BE IN CONFLICT HEREWITH.

A. PUGH CLAUSE:

Notwithstanding anything to the contrary herein contained, drilling operations on or production from a pooled unit or units established under the provision of Paragraph 4 or Paragraph X hereof, embracing land covered hereby and other land, shall maintain this lease in force only as to land included in such unit or units. The lease may be maintained in force as to the remainder of the land in any manner herein provided for.

B. INGRESS & EGRESS:

In the event any of the acreage covered by this lease is released by operation of the terms of Paragraphs A or H hereof, Lessee shall have the right of ingress and egress for production purposes across the released acreage to the acreage retained hereunder if such right is necessary for Lessee to have access to the retained acreage.

C. LAND USE: (REFERENCE HEREIN TO LESSOR ALSO REFERS TO SURFACE OWNER)

(a) Should Lessor or tenants on the leased premises suffer loss of, or damage to, crops, trees, turf, livestock, water wells, fences, roads, other personal property, buildings or other improvements, as a result of operations of Lessee under this lease, Lessee agrees to pay Lessor or such tenants the actual amount of their said loss or damage. It is expressly understood and provided that the damages provided to be paid under the terms of this lease shall be payable within 60 days after written notice by Lessor to Lessee of the accrual of such damages and if such damages are not paid within 60 days from the receipt of any such notice then such damages shall bear interest at the rate of 10% per annum from the date of accrual of such damages.

(b) Within a reasonable time after Lessee's need therefor shall have ceased, Lessee shall fill all pits and other excavations made by Lessee upon the leased premises, level off all mounds made by Lessee upon the lease premises, and remove all debris and rubbish placed by Lessee upon the leased premises and restore the surface to its original pre-drilling condition as nearly as possible. Lessee shall erect and maintain around all open pits a fence capable of turning livestock. To protect Lessor's livestock, Lessee and those conducting surface and/or seismic operations on the lease premises must not allow trash, debris, or refuse from such operation to exist on the ground, including, but not limited to, flagging material, wire, plastics, chemical residue, or other foreign objects or materials that would endanger or injure livestock. Upon cessation of use thereof by Lessee, it will notify Lessor of such cessation and at the option of the Lessor will leave on the premises as part of the property of Lessor all cattle guards, water wells, bridges and roads placed thereon by Lessee, its successors or assigns. If requested by Lessor, Lessee must place all road and pad gravel in piles on the lease at locations designated by Lessor. A cattle guard with lock-bar shall be placed at the entrance onto the lease premises through which the Lessee will have access to the premises with regard to any well being drilled on the lease premises or land pooled therewith. Said lock-bar shall be kept closed and locked at all times except during times of entrance by Lessee, its agents and parties operating under the Lessee. Lessee agrees to maintain all roads and paths upon which it travels in a condition which is as good as or better than the condition of such road or pathway prior to lessee's entry upon the above-described tract. The location of any road installed by Lessee must be along a route requested by Lessor, however, Lessor must not make an unreasonable request. Any roads installed by Lessee and the drill site must be made up of at least six inches (6") of compacted gravel which gravel shall be composed of stones not in excess of two inches (2") in diameter. Adequate and ample drainage shall be provided on the roads and drill site to avoid standing water. Lessee must install a sixteen foot (16') galvanized tube gate in each of Lessor's fences through which it must pass during its operations.

(c) None of Lessor's fresh water may be used for secondary recovery methods of oil or gas production. Lessee is expressly given no right to dispose of any waste oil or salt water on or over the leased premises. Lessee agrees that any oil based mud, drilling compound containing a hydrocarbon base or any material which is harmful to the soil used in Lessee's operations on said land will be placed in a portable steel storage container during drilling operations on said land, and Lessee shall remove all such muds, compounds, materials and storage containers from the land and dispose of it off the leased premises. Any water based drilling mud not containing any of said deleterious substances shall be spread, disced, and leveled by the Lessee near the location where the mud was used as directed by Lessor. The topsoil of the drill site must be removed before installing the drill site. After completion of its use by Lessee, all topsoil that has been removed must be returned to the original location and spread over the area, disced in, and appropriate grasses planted and re-sprigged according to the Lessor's requirements. The well equipment and location shall be kept as clean as possible at all times, and roads used by Lessee should be kept in good state of repair. Lessor reserves the right to inspect and check for accuracy all meters through which Lessor's royalty may be marketed.

(d) In addition to the damages set forth above, Lessee must pay the Lessor \$1.00 per each foot of the length of a sixty-foot (60') wide pipeline right-of-way for installing pipelines necessary for production of any well on the lease premises, which right-of-way shall reduce to a thirty-foot (30') right-of-way after construction and installation of the pipeline. Lessee must pay Lessor \$3,500.00 as a liquidated damage amount for any oak tree damaged or destroyed by Lessee which tree has a trunk diameter over twelve inches (12") when measured twenty-four inches (24") from ground level. Prior to commencing surface operations pertaining to any well to be drilled on the premises, Lessee must deliver to surface owner a deposit of \$2,500.00 to be applied to the damages to be incurred from such operations.

(e) Notwithstanding the general terms of grant contained in this lease, the Lessee is not given the right to erect or maintain refining facilities, or any other extraction or treating facilities on the lease premises unless directly related to the production, treatment, and recovery of oil, gas, sulphur, and other leased minerals from this lease or from land pooled therewith, and such facilities, if any, shall be only those reasonably necessary for production, treatment and recovery of such leased substances from this lease and land pooled therewith.

(f) Upon termination of this lease, Lessee agrees, binds and obligates itself to plug in accordance with the Rules and Regulations of the Railroad Commission of Texas any well drilled by Lessee. In the event Lessee shall fail to plug such well in accordance with the foregoing provisions, then Lessor shall have the right to do so at Lessee's expense and shall be entitled to recover from Lessee all

expenses incurred in the plugging of any such well, together with a reasonable attorney's fee and venue for such action shall be in DeWitt County, Texas.

D. SHUT-IN LIMIT:

It is expressly agreed and provided that this lease cannot be held, maintained, nor extended under and by virtue of the shut-in gas well provision of this lease for a longer term beyond the primary term than two (2) consecutive years immediately thereafter, or for shorter terms at various intervals not to exceed in the aggregate two (2) years in all.

E. MINERAL LIMITATION:

It is expressly understood and provided that this lease covers oil and gas and liquid hydrocarbons, along with the products and by-products thereof, but this lease does not cover any other minerals of any type, here making particular mention of water, the Lessee herein being given no right to explore for, nor develop any part of the land for production of water therefrom except with regard to producing water to be used solely with regard to Lessee's oil and gas drilling operations. Notwithstanding anything to the contrary in this lease contained, Lessee shall at all times protect the herein leased land from drainage of oil and gas from wells on adjoining lands.

F. POOLING LIMITATIONS:

In the event Lessee exercises its option to pool as authorized by the terms and provisions of Paragraph 4 herein, the right to pool for gas, including condensate and distillate, is hereby limited to 320 acres plus 10% tolerance as to all horizons from the surface of the ground to a depth of 13,000 feet below the surface of the ground, it being understood that Lessee shall have the right to pool or unitize the lands covered hereby for gas, including condensate or distillate, as to all depths below 13,000 feet below the surface of the ground in accordance with the terms and provisions set forth in Paragraph 4 above. If Lessee exercises its right to pool a gas well located on the Lessor's land, it must place into the pool ~~not less than one-half~~ of the entire tract of Lessor's land originally leased and described herein. If Lessee exercises its right to pool an oil well as authorized hereunder, not less than one-half of such pooled unit shall be comprised of Lessor's land originally leased and described herein.

G. RELEASES:

Lessee must furnish to Lessor within 60 days after the termination of this lease with regard to any part of the herein leased premises from any cause a duly executed and acknowledged instrument releasing or evidencing the termination of the lease as to that part of the land upon which the lease has terminated. Lessee agrees to pay Lessor \$10.00 per day as liquidated damages in DeWitt County, Texas, for Lessee's failure to furnish said release within the time provided. If the Lessee does so fail, such damages per day ARE to begin accruing on the 61st day after such termination. Said amount is agreed to be a reasonable amount to offset actual damages which are difficult to determine.

H. NON-POOLED PUGH CLAUSE:

Lessee must within 90 days after the completion of any well on the leased premises which is not pooled under the provisions of Paragraph 4 or Paragraph X hereof designate in writing and place of record with the County Clerk of DeWitt County, Texas, a description of that part of the leased premises which shall be allotted to such well for production purposes, no more than 40 acres plus 10% tolerance to be allotted in and around each well classified as an oil well by the Railroad Commission of Texas if completed at a depth of 13,000 feet or less below the surface nor more than 80 acres plus 10% tolerance to such oil well if completed at a depth of more than 13,000 feet below the surface, and no more than 320 acres plus 10% tolerance to be allotted in and around each well classified as a gas well by the Railroad Commission of Texas, if completed at a depth of 13,000 feet or less below the surface nor more than 640 acres plus 10% tolerance to such gas well if completed at a depth of more than 13,000 feet below the surface. Production or operations on said allotted area by the Lessee shall maintain this lease in effect only with regard to the land within the described area. This lease shall terminate at the end of the primary term as to such part or parts of the leased land lying outside the allotted area unless this lease is perpetuated as to such land outside the allotted area by operations conducted thereon or by production of oil or gas or any such operations and such production in accordance with the provisions hereof.

I. PAYMENT LOCATION:

All royalties, surface damages, and other payments due under this lease shall be payable in DeWitt County, Texas, unless otherwise herein provided.

J. MINIMUM ROYALTY:

If the royalties to be paid under this lease during 12-month periods as described below are less than the sum of \$25.00 per acre then leased ("minimum royalty"), then this lease will terminate at the end of 60 days after the end of the applicable 12-month period unless the Lessee pays to the royalty holders a sum of money equal to the difference between said minimum royalty per acre and the total of all royalty monies on production so paid during the applicable 12-month period. Said 12-month periods are the initial period beginning with the date of first production from the lease premises and each successive 12-month period thereafter. The payments set out in this paragraph do not relieve Lessee of the requirement of production in paying quantities to maintain this lease.

K. INFORMATION PARAGRAPH:

Lessor or his agent shall have access to any well being drilled on the premises but must not interfere with Lessee's operations. At Lessor's request, Lessee must furnish Lessor or his agent with copies of logs, electrical well formation surveys and analyses of formation samples used by Lessee with regard to any well on the premises within 30 days after well completion or request, whichever is later. Lessee must furnish Lessor on request copies of sale contract concerning oil, gas, and other minerals from any well on the land. All of the above are to be furnished Lessor at his address set out above.

L. ROYALTY PRODUCTION:

Payments of royalty under the terms of this lease shall never bear or be charged with, either directly or indirectly, any part of the costs or expenses of production, gathering, dehydration, compression, transportation, manufacturing, processing, treating, post-production expenses, marketing or otherwise making the oil or gas ready for sale or use, nor any costs of construction, operation or depreciation of any plant or other facilities for processing or treating said oil or gas. Anything to the contrary herein notwithstanding, it is expressly provided that the terms of this paragraph shall be controlling over the provisions of Paragraph 3 of this lease to the contrary and this

paragraph shall not be treated as surplusage despite the holding in the cases styled "Heritage Resources, Inc., v. Nationsbank, 939 S.W. 2d 118 (Tex. 1996) and "Judice v. Mewbourne Oil Co., 939 S.W. 2d 135-36 (Tex. 1996).

M. DEEP RIGHTS:

At the end of the primary term hereof or 60 days after completion of any well being drilled at the end of the primary term, whichever occurs later, this lease shall automatically expire as to all depths lying deeper than 100 feet below the deepest oil or gas strata found to be capable of producing in paying or commercial quantities during the term of this lease.

N. ROYALTY PAYMENT DUE DATE:

All royalty payments on actual production are due and payable within 60 days after the end of the month in which the production occurred. In the event Lessee becomes delinquent in such payment, the Lessor must notify the Lessee of the default and if Lessee does not pay the delinquent amount within 15 days after Lessor has sent such notice of the delinquency to Lessee by certified mail at its address set out above, Lessee must pay interest on the delinquent royalty amount and on all other royalties subsequently becoming delinquent until all delinquent payments have been paid, the interest rate to be 12% per year and computed as to each of the delinquent amounts beginning with the date each becomes due. Lessee's obligations to pay royalties under this lease shall be secured by a first lien under the provisions of Section 9.319 of the Texas Business and Commerce Code extending to all of Lessor's royalty share of all oil and gas production and the proceeds of such share of the production from the premises. Lessee's sale of the royalty oil and gas shall not extinguish this lien, which lien is thereby impressed on the monies received for the royalty oil and gas. In the event of Lessee's bankruptcy, Lessor shall possess a lien on all proceeds from the sale of the royalty oil and gas.

O. REPORTS:

In the event of production of oil, gas, and other liquid hydrocarbons from the leased premises or land pooled therewith, the Lessee must deliver to the Lessor herein after Lessor's written request copies of all monthly oil and gas production reports required to be filed with the Texas Railroad Commission concerning the well or wells on the leased premises or land pooled therewith, such delivery to be at the same time as the filing time therefor required by said Commission.

P. NOTIFICATION:

The Lessee must notify Lessor not less than 48 hours prior to any entrance on the leased premises, of the date it will enter the land, including in such notice the purpose of the entry and, if applicable, the specific location of any well to be drilled on the leased premises. This will not apply, however, to normal well inspection operations (gaugers, etc.)

Q. DEFINITIONS USED IN THIS LEASE:

(1) The terms "drilling operations" or "operations for drilling" shall mean that the drilling rig is in position with the bit on the ground and rotating.

(2) A well is "completed" under the provisions of this lease (1) five days after the well reaches total depth and no attempt is made to complete the well as a producer of oil and/or gas by running of production casing, or (2) thirty days after the date production casing is cemented in the well (as reflected by the cementing affidavit required to be filed with the Railroad Commission of Texas) in the event an attempt is made to complete the well as a producer of oil and/or gas. Any later work done on the well will be deemed to be re-working operations.

(3) A well is deemed "abandoned" at the earlier of (a) when permanently plugged, or (b) when temporarily plugged by installation of a dry-hole tree or by welding a steel plate at the top of the casing.

R. NEGLIGENT LOSS:

It is expressly provided that the Lessee shall be liable to Lessor for the royalty on any oil or gas which may be lost or wasted due to leakage, fire or other reasons which are as a result of the Lessee's negligence or negligence of any parties operating this lease under the direction of or at the request of the Lessee, the royalty in this case to be as described with regard to production under Paragraph 3 hereof.

S. POLLUTION AND CONTAMINATION:

(1) It is agreed and understood between the Lessor and the Lessee that the Lessee will in its operations on the leased premises comply with all Federal and State laws, rules and regulations with regard to the avoidance of pollution and contamination, including, but not limited to, the Comprehensive Environmental Response, Compensation and Liability Act of 1980 ("CERCLA"), the Resource, Conservation and Recovery Act ("RCRA"), The Texas Health and Safety Code, Rules and Regulations of any State or Federal administrative agency and all amendments thereto as and when they become effective.

(2) Lessee assumes all responsibility to protect, defend, indemnify, and save Lessor harmless from and against all claims, demands, and causes of action of every kind and character arising directly or indirectly from any and all pollution or contamination which may occur during the conduct of operation hereunder whether above the land surface or below, including, but not limited to, those which result from spills of materials and/or garbage, or which may result from fire, blowout, cratering, seepage, or flow of oil, gas, water or other substance, as well as from the use or disposition of oils, fluids, contaminated cuttings, lost circulation and fish recovery materials and fluid.

(3) Lessee must control and remove all polluting or contaminating substances it brings or causes to be brought on the land. If a third party performing work for the Lessee commits an act or omission which results in such pollution or contamination or failure to comply with the aforementioned laws governing same, the Lessee shall be responsible therefor to the Lessor under this paragraph.

(4) This is an ongoing obligation on the part of the Lessee which survives the termination of the lease unless the Lessee furnishes to the Lessor at Lessee's expense an Environmental Audit at the termination of the lease showing that there is no pollution or contamination from Lessee's operations under this lease then in existence on the leased land or land pooled therewith. Said audit shall be conducted by a person agreed upon by Lessor and Lessee who is qualified to conduct such audit.

(5) Lessee must immediately notify Lessor upon learning or suspecting that any environmental contamination or pollution has occurred on the lease premises.

(6) Lessee must maintain in effect at all times during its operations under this lease a liability insurance policy in amount of not less than \$1,000,000.00 protecting Lessor against all claims arising by virtue of the Lessee's failure to comply with the provisions of this Paragraph S, and must furnish Lessor prior to beginning such operations with proof of the existence of such policy.

T. INDEMNIFICATION:

Lessee agrees to indemnify, hold harmless and defend Lessor at Lessee's cost against all claims for damages to person or property arising out of or connected with Lessee's operations on or occupancy of the leased premises. Lessee will comply with all environmental protection and pollution laws.

U. DIVISION ORDER:

Neither the Lessee nor any other party disbursing oil or gas royalty as provided under this lease or through agreement of the third party with the Lessee may require Lessor to execute a division order as a requisite for the Lessor being paid royalties with the exception that a division order that provides only a stipulation of the Lessor's royalty interest may be required of the Lessor.

V. RATIFICATION:

Prior to exercising its right to pool or unitize any part of the lease premises, Lessee must obtain ratification of this lease by all holders of outstanding royalty, if any, thereby protecting Lessor from claims of such royalty holders. Lessee must bear any excess royalty occasioned by Lessee's failure to obtain such ratification.

W. 3-D SEISMIC OPERATIONS:

No authority is herein granted to Lessee to conduct seismic operations using 3-D method unless Lessee pays the surface owner prior to beginning of such operations \$25.00 per acre for the entire land above described. After completion of such operations, Lessee must restore the land to its original condition just prior to such operations and must pay the surface owner and any tenants the actual amount of damages arising from such operations.

X. HORIZONTAL DRILLING:

In the event a well is drilled in which the horizontal component of the gross completion interval exceeds one hundred (100) feet in length ("horizontal completion well"), pooling shall be on a surface acreage basis (defined below) to include the length of the horizontal drainhole beginning at a point where the horizontal drainhole penetrates the correlative interval and extending to the terminus of such horizontal drainhole. For the purpose of this provision, "terminus", "horizontal drainhole" and "correlative interval" shall be defined in accordance with the Rules and Regulations of the Railroad Commission of Texas or other governmental authority having jurisdiction. The diagonal of said units shall comply with the Rules and Regulations of said Authority, including but not limited to, Statewide Rule 86. "Surface acreage basis" means the production on which the Lessor's royalty is calculated shall be that portion of total unit production which the surface acreage covered by this lease and included in the unit bears to the total surface acreage in the unit. The size of the unit for a horizontal completion well with a drill site located on the above described property or in which the above described property is pooled where the drill site is located off the leased premises shall not exceed the unit size permitted by the Railroad Commission of Texas. In exercising the pooling rights granted in this paragraph, Lessee shall file of record a written declaration describing the unit as to the specific leases and acreage to be included therein as well as the vertical limits of the productive horizon or zone and stating the effective date of pooling; however, as to any horizontally completed well, Lessee shall have ninety (90) days from initial completion in which to amend such written designation of unit to increase or decrease the acreage, include or exclude specific leases or tracts as well as redefine the vertical limits of the productive zone in order to conform to the well spacing or density prescribed by the Railroad Commission of Texas. If such unit is filed and amended within such period of time, Lessee shall file of record in the county where the lands are located a written declaration describing the revised unit and stating the effective date of revision. To the extent any portion of the leased premises is included in or excluded from the unit by virtue of such revision, the proportion of unit production on which royalties are payable under this paragraph shall be adjusted accordingly as of the effective date for the revised unit. The effective date of any unit formed for horizontal drainhole wells under this paragraph or any revision thereof shall be the date set forth as the effective date by lessee in the written declaration that is filed of record for such unit or revision thereof.

Y. RESTRICTIONS:

Neither the Lessee, nor its agents, employees or contractors shall be permitted to bring firearms upon or do any hunting or fishing upon the lease premises.

Z. HEADINGS:

The paragraph and section headings appearing in this agreement are for convenience of reference only and are not intended, to any extent or purpose, to limit or define the text of any paragraph.

SIGNED FOR IDENTIFICATION:

Carl Matejek
CARL MATEJEK

Sharon R. Matejek
SHARON R. MATEJEK

43755

Filed for Record

This, the 21st day of Sept 2005
at 1:45 o'clock P. M

ELVA PETERSEN, COUNTY CLERK OF
DeWitt County, Texas

Sam Brandstetter
Deputy

STATE OF TEXAS
COUNTY OF DEWITT

I hereby certify that this instrument was filed on the date and time stamped herein by me and was duly recorded in the Volume and Page of the Official Public Records of DeWitt County Texas.

SEP 21 2005

ELVA PETERSEN
DEWITT COUNTY CLERK
By Sam Brandstetter Deputy

Return: Hold For Deason "Rachel will pick up" 175 Page 519-525

3/16ths

And substituting the following fraction in its place:

1/5th

3. by deletion of following paragraph F of the addendum to said lease:

"F. POOLING LIMITATIONS:

In the event Lessee exercises its option to pool as authorized by the terms and provisions of Paragraph 4 herein, the right to pool for gas, including condensate and distillate, is hereby limited to 320 acres plus 10% tolerance as to all horizons from the surface of the ground to a depth of 13,000 feet below the surface of the ground, it being understood that Lessee shall have the right to pool or unitize the lands covered hereby for gas, including condensate or distillate, as to all depths below 13,000 feet below the surface of the ground in accordance with the terms and provisions set forth in Paragraph 4 above. If Lessee exercises its right to pool a gas well located on the Lessor's land, it must place into the pool not less than one-half of the entire tract of Lessor's land originally leased and described herein. If Lessee exercises its right to pool an oil well as authorized hereunder, not less than one-half of such pooled unit shall be comprised of Lessor's land originally leased and described herein."

And substituting the following paragraph in its place:

"F. POOLING LIMITATIONS:

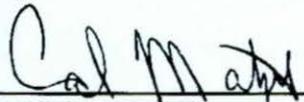
(a) In the event Lessee exercises its option to pool as authorized by the terms and provisions of Paragraph 4 herein, the right to pool for gas, including condensate and distillate, is hereby limited to 10,000 feet below the surface of the ground, it being understood that Lessee shall have the right to pool or unitize the lands covered hereby for gas, including condensate or distillate, as to all depths below 10,000 feet below the surface of the ground in accordance with the terms and provisions set forth in Paragraph 4 above. If Lessee exercises its right to pool a gas well located on the Lessor's land, it must place into the pool the entire tract of Lessor's land originally leased and described herein.

(b) Lessee acquires no rights or power to pool any of the above described land for oil, it being understood and agreed that pooling provisions as provided for herein are limited to gas and/or gas distillate only."

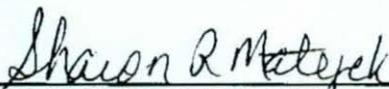
EXCEPT AS AMENDED HEREBY, the lease shall remain unchanged and the undersigned do hereby adopt, ratify, and confirm the Lease and all of the terms and provisions thereof, as changed, altered and amended hereby; and the undersigned do hereby LEASE, GRANT, and LET the above described property covered by the Lease unto Lessee subject to and in accordance with all of the terms and provisions of the Lease as amended hereby and the undersigned do further agree and declare that the Lease is a valid and subsisting oil, gas and mineral lease and is binding on the undersigned in all of its terms and provisions.

This Amendment shall extend to and bind the undersigned and Lessee and their respective heirs, successors, assigns and administrators, executors and legal representatives. The filing of this instrument for record by Lessee or their successors and assigns, shall constitute an acceptance thereof by Lessee or their successors and assigns.

IN WITNESS WHEREOF this instrument is executed on this the 6TH day of August, 2008, but effective as of the 19th day of September, 2005.



CARL MATEJEK

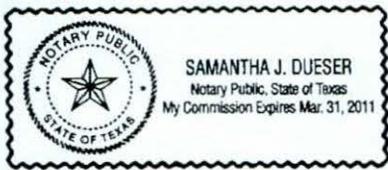


SHARON R. MATEJEK

THE STATE OF TEXAS :

COUNTY OF DeWitt :

This instrument was acknowledged before me on the 6th day of August, 2008, by CARL MATEJEK.

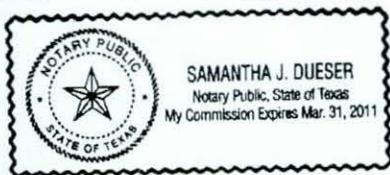


Samantha Dueser
NOTARY PUBLIC, STATE OF TEXAS

THE STATE OF TEXAS :

COUNTY OF DeWitt :

This instrument was acknowledged before me on the 6th day of August, 2008, by SHARON R. MATEJEK.



Samantha Dueser
NOTARY PUBLIC, STATE OF TEXAS



60821

Filed for Record

This, the 19 day of Sept, 2008
at 1:10 o'clock P M
ELVA PETERSEN, COUNTY CLERK OF
DeWitt County, Texas
Patricia Mous
DEPUTY

STATE OF TEXAS
COUNTY OF DEWITT

I hereby certify that this instrument was filed on the date & time stamped hereon by me & was duly recorded in the Volume & Page of the Official Public Records of DeWitt Co. Texas.

Date SEP 19 2008

ELVA PETERSEN, COUNTY CLERK

By Sam Grammatidis

Vol. 268 Page 532-534



Notice of Confidentiality Rights: If you are a natural person, you may remove or strike any of the following information from this instrument before it is filed for record in the Public Records: Your Social Security Number or your Driver's License Number.

AMENDMENT TO OIL, GAS AND MINERAL LEASE

THE STATE OF TEXAS *
 *
COUNTY OF DEWITT *

WHEREAS, on the 19th day of September, 2005, **Carl Matejek and Sharon R. Matejek**, each dealing in their sole and separate property, as Lessor executed an Oil, Gas and Mineral Lease, in favor of **Jeffrey Scot Deason d/b/a D.O.G. Interests**, as Lessee, covering and describing 119.10 acres of land, more or less, in the Antonio Sidic One-Third League, A-418, the I.R.R. Company Survey, Section 25, Abstract 250, DeWitt County, Texas, recorded in Volume 175, Page 519 of the Official Records of DeWitt County, Texas, being more particularly described as follows, to-wit:

119.10 acres of land, more or less, in the Indianola Railroad Company Survey, Section 25, A-250, and the Antonio Sidic 1/3 League, A-418, DeWitt County, Texas, and being the same land described in deed dated July 11, 1977, from Otto C. Roehl et ux to Wilfred H. Roehl, recorded in Volume 245, Page 300, Deed Records of DeWitt County, Texas.

WHEREAS Enduring Resources LLC has succeeded to the rights and obligations of Lessee pursuant to that certain Farmout and Option Agreement dated effective March 15, 2007.

WHEREAS, on the 12th day of June, 2008, Carl Matejek and Sharon R. Matejek, as Lessor executed Amendment to Paid-Up Oil and Gas Lease in favor of Enduring Resources, LLC, as Lessee, covering and describing 119.10 acres of land, more or less, in the Indianola Railroad Company Survey, Section 25, A-250, and the Antonio Sidic, A-418, DeWitt County, Texas, recorded in Volume 268, Page 532 of the Official Public Records of DeWitt County, Texas.

WHEREAS, the parties to said lease now desire to amend the same as hereinafter set forth;

NOW, THEREFORE, for good and valuable consideration in hand paid to the undersigned by Enduring Resources LLC, and its assigns, the receipt and sufficiency of which is hereby acknowledged, the undersigned do hereby amend the above described Oil, Gas and Mineral Lease as amended as follows:

I. by the deletion of the following paragraph 2 of the Lease:

“Without reference to the commencement, prosecution or cessation at any time of drilling or other development operations, and/or to the discovery, development or cessation at any time of production of oil, gas or other minerals, and without further payments than the royalties herein provided, and notwithstanding anything else herein contained to the contrary, this lease shall be for a term of five (5) years from this date (called “primary term”) and as long thereafter as oil, gas or other mineral is produced from said land or land with which said land is pooled hereunder or as long as this lease is continued in effect as otherwise provided herein.”

And substituting the following paragraph in its place:

“Without reference to the commencement, prosecution or cessation at any time of drilling or other development operations, and/or to the discovery, development or cessation at any time of production of oil, gas or other minerals, and without further payments than the royalties herein provided, and notwithstanding anything else herein contained to the contrary, this lease shall be for a term of seven (7)

years from this date (called "primary term") and as long thereafter as oil, gas or other mineral is produced from said land or land with which said land is pooled hereunder or as long as this lease is continued in effect as otherwise provided herein."

II. Also, by the deletion of the following paragraphs 3. (a) and (b) of the Lease:

"3. The royalties to be paid by Lessee are:

(a) on oil, ONE-FIFTH (1/5TH) of the production produced and saved from said land, the same to be delivered, free of all costs and expenses to the Lessor into the pipeline, or other receptacle to which the Lessee may connect its wells or the market value thereof, at the option of the Lessor, such value to be determined by (1) the highest posted price, plus premium, if any, offered or paid for oil, condensate, distillate, or other liquid hydrocarbons, respectively of a like type and gravity for the field where produced and when run, or (2) the gross proceeds of the sale thereof, whichever is greater.

(b) on gas, including casinghead gas or other gaseous substance, produced from said land, ONE-FIFTH (1/5TH) of the greater of (1) the market value at the wellhead of such gas, paid to Lessor free of all costs and expenses, or (2) the gross proceeds realized from the sale of such gas, free of all costs and expenses, to the first non-affiliated third party purchaser under a bona fide arms length sale or contract. "Gross proceeds" (for royalty payment purposes) shall mean the total monies and other consideration accruing to or paid the Lessee or received by Lessee for disposition or sale of all unprocessed gas proceeds, residue gas, gas plant products or other products. Gross proceeds shall include, but is not limited to advance payments, take-or-pay payments (whether paid pursuant to contract, in settlement or received by judgment) reimbursement for production or severance taxes and any and all other reimbursements or payments."

And substituting the following paragraphs 3. (a) and (b) in its place:

"3. The royalties to be paid by Lessee are:

(a) on oil, ONE-QUARTER (1/4TH) of the production produced and saved from said land, the same to be delivered, free of all costs and expenses to the Lessor into the pipeline, or other receptacle to which the Lessee may connect its wells or the market value thereof, at the option of the Lessor, such value to be determined by (1) the highest posted price, plus premium, if any, offered or paid for oil, condensate, distillate, or other liquid hydrocarbons, respectively of a like type and gravity for the field where produced and when run, or (2) the gross proceeds of the sale thereof, whichever is greater.

(b) on gas, including casinghead gas or other gaseous substance, produced from said land, ONE-QUARTER (1/4TH) of the greater of (1) the market value at the wellhead of such gas, paid to Lessor free of all costs and expenses, or (2) the gross proceeds realized from the sale of such gas, free of all costs and expenses, to the first non-affiliated third party purchaser under a bona fide arms length sale or contract. "Gross proceeds" (for royalty payment purposes) shall mean the total monies and other consideration accruing to or paid the Lessee or received by Lessee for disposition or sale of all unprocessed gas proceeds, residue gas, gas plant products or other products. Gross proceeds shall include, but is not limited to advance payments, take-or-pay payments (whether paid pursuant to contract, in settlement or received by judgment) reimbursement for production or severance taxes and any and all other reimbursements or payments."

III. And by the inserting the following clause:

"AA. MOTHER HUBBARD: This lease also covers and includes all of the Lessor's right, title and interest, if any, in and to any and all portions of said land underlying roads, rights-of-ways, streets, and waterways."

EXCEPT AS AMENDED HEREBY, the lease shall remain unchanged and the undersigned do hereby adopt, ratify, and confirm the Lease as amended, the terms and

provisions thereof, as changed, altered and amended hereby; and the undersigned do hereby LEASE, GRANT, and LET the above described property covered by the Lease unto Lessee subject to and in accordance with all of the terms and provisions of the Lease as amended hereby and the undersigned do further agree and declare that the Lease as amended and subsisting oil, gas and mineral lease and is binding on the undersigned in all of its terms and provisions.

This Amendment shall extend to and bind the undersigned and Lessee and their respective heirs, successors, assigns and administrators, executors and legal representatives. The filing of this instrument for record by Lessee or their successors and assigns, shall constitute an acceptance thereof by Lessee or their successors and assigns.

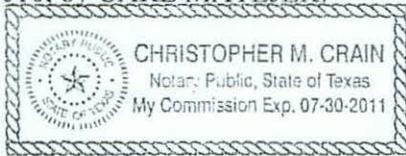
IN WITNESS WHEREOF this instrument is executed on this the 26th day of January, 2010, but effective as of the 19th day of September, 2005.

Carl Matejek
CARL MATEJEK

Sharon R. Matejek
SHARON R. MATEJEK

THE STATE OF TEXAS :
:
COUNTY OF DeWITT :

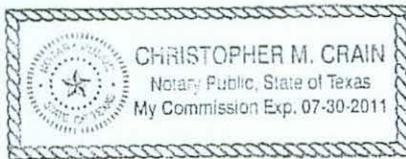
This instrument was acknowledged before me on the 26th day of January, 2010, by CARL MATEJEK.



Christopher M. Crain
NOTARY PUBLIC, STATE OF TEXAS

THE STATE OF TEXAS :
:
COUNTY OF DeWITT :

This instrument was acknowledged before me on the 26th day of January, 2010, by SHARON R. MATEJEK.



Christopher M. Crain
NOTARY PUBLIC, STATE OF TEXAS

67708

Filed for Record
This, the 24th day of Feb 2010
at 11:10 o'clock A.M
ELVA PETERSEN, COUNTY CLERK OF
DeWitt County, Texas
Kathleen Kain
DEPUTY

STATE OF TEXAS
COUNTY OF DEWITT
I hereby certify that this instrument was filed on the date & time stamped hereon by me & was duly recorded in the Volume & Page of the Official Public Records of Dewitt Co. Texas.
Date FEB 24 2010
ELVA PETERSEN, COUNTY CLERK
By Sam Stanastetter
Vol. 304 Page 23-25



Whiting Tarrant
11, 021, 005

Notice of Confidentiality Rights: If you are a natural person, you may remove or strike any of the following information from this instrument before it is filed for record in the Public Records: Your Social Security Number or your Driver's License Number.

OIL, GAS AND MINERAL LEASE
(PAID UP LEASE)

THIS AGREEMENT made this 20th day of September, 2005, between JAMES GANO, JANET GANO, and HELEN LOUISE GANO NORRIS, each dealing in their respective separate property, Lessor (whether one or more), whose address is: as set out in Paragraph Y hereof, and JEFFREY SCOT DEASON d/b/a D.O.G. INTERESTS, whose address is P. O. Box 1320, Port Aransas, Texas 78373, Lessee, WITNESSETH:

1. Lessor in consideration of Ten and No/100 Dollars (\$10.00) in hand paid, of the royalties herein provided and of the agreements of Lessee herein contained, hereby grants, leases and lets exclusively unto Lessee for the purpose of investigating, exploring, prospecting, drilling and mining for and producing oil, gas and all other minerals, conducting exploration, geologic and geophysical surveys by seismograph, core, test, gravity, and magnetic methods, laying pipe lines, building roads, tanks, power stations, telephone lines and other structures thereon ~~and on, over, and across lands owned or claimed by Lessor adjacent and contiguous thereto~~, to produce, save, take care of, treat, transport, and own said products, and housing its employees, the following described land in DeWitt County, Texas, to-wit:

107.7 acres, more or less, part of the Antonio Sidie 1/3 League, A-418, the I.R.R. Company Survey, Section 25, A-250, and the S. Couch Survey, A-124, DeWitt County, Texas, and being the same land as described in Warranty Deed dated July 17, 1969, from Rudolph J. Roeder, Jr., et ux to Mrs. Helen R. Gano, recorded in Volume 178, Page 121, Deed Records of DeWitt County, Texas.

~~This lease also covers and includes all land owned or claimed by Lessor adjacent or contiguous to the land particularly described above, whether the same be in said survey or surveys or in adjacent surveys although not included within the boundaries of the land particularly described above.~~

2. Without reference to the commencement, prosecution or cessation at any time of drilling or other development operations, and/or to the discovery, development or cessation at any time of production of oil, gas or other minerals, and without further payments than the royalties herein provided, and notwithstanding anything else herein contained to the contrary, this lease shall be for a term of three (3) years from this date (called "primary term") and as long thereafter as oil, gas or other mineral is produced from said land or land with which said land is pooled hereunder or as long as this lease is continued in effect as otherwise provided herein.

3. The royalties to be paid by Lessee are:

(a) on oil, 3/16ths of the production produced and saved from said land, the same to be delivered, free of all costs and expenses to the Lessor into the pipeline, or other receptacle to which the Lessee may connect its wells or the market value thereof, at the option of the Lessor, such value to be determined by (1) the highest posted price, plus premium, if any, offered or paid for oil, condensate, distillate, or other liquid hydrocarbons, respectively of a like type and gravity for the field where produced and when run, or (2) the gross proceeds of the sale thereof, whichever is greater.

(b) on gas, including casinghead gas or other gaseous substance, produced from said land, 3/16ths of the greater of (1) the market value at the wellhead of such gas, paid to Lessor free of all costs and expenses, or (2) the gross proceeds realized from the sale of such gas, free of all costs and expenses, to the first non-affiliated third party purchaser under a bona fide arms length sale or contract. "Gross proceeds" (for royalty payment purposes) shall mean the total monies and other consideration accruing to or paid the Lessee or received by Lessee for disposition or sale of all unprocessed gas proceeds, residue gas, gas plant products or other products. Gross proceeds shall include, but is not limited to advance payments, take-or-pay payments (whether paid pursuant to contract, in settlement or received by judgment) reimbursement for production or severance taxes and any and all other reimbursements or payments

(c) If any disposition, contract or sale of oil or gas shall include any reduction or charge for the expenses or costs of production, treatment, transportation, manufacturing, process or marketing of the oil or gas, then such deduction, expense or cost shall be added to the market value or gross proceeds so that Lessor's royalty shall never be chargeable directly or indirectly with any costs or expenses other than its pro rata share of severance or production taxes.

In the event Lessee re-enters any well bores located on the hereinabove described property or on property pooled or to be pooled therewith, the royalty payable under 3(a) and (3(b) above in connection with such wells(s) shall be 1/5th.

(d) While there is a gas well on this lease or on acreage pooled therewith but gas is not being sold or used, Lessee may pay as royalty to the credit of the owner or owners of royalty hereunder in the depositories as set out in Paragraph Y hereof, (which bank and its successors are the royalty owner or owner's agent, and shall continue as depository for all such sums which Lessee may pay hereunder, regardless of changes in ownership of royalties) on or before ninety (90) days after the date on which (1) said well is shut in, or (2) the land covered hereby or any portion thereof is included in a pooled unit on which a well is located, or (3) this lease ceases to be otherwise maintained as provided herein, whichever is the later date, and thereafter at annual intervals, the sum \$25.00 per mineral acre, and if such payment is made or tendered, this lease shall not terminate and it will be considered that gas is being produced from this lease in paying quantities; and (c) on all other minerals mined and marketed, one-tenth either in kind or value at the well or mine,

at Lessee's election, except that on sulphur mined and marketed, the royalty shall be \$3.00 per long ton. Lessee shall have free use of oil, gas, coal and water from said land, except water from Lessor's wells, creeks and watering places for all operations hereunder, and the royalty on oil, gas and coal shall be computed after deducting any so used.

4. Lessee, at its option, is hereby given the right and power to pool or combine the acreage covered by this lease or any portion thereof as to oil and gas, or either of them, with any other land covered by this lease, and/or with any other land, lease or leases in the immediate vicinity thereof to the extent hereinafter stipulated, when in Lessee's judgment it is necessary or advisable to do so in order properly to explore, or to develop and operate said leased premises in compliance with the rules or regulations of the Railroad Commission of Texas, or other lawful authority, or when to do so would, in the judgment of Lessee, promote the conservation of oil and gas in and under and that may be produced from said premises. Such pooling shall be into a unit or units not exceeding forty (40) acres plus an acreage tolerance of ten percent (10%) thereof for oil, and units not exceeding six hundred forty (640) acres each plus an acreage tolerance of ten percent (10%) thereof for gas, provided that, should governmental authority having jurisdiction prescribe or permit the creation of any drilling, spacing or proration units larger than those specified above, such units may be created or enlarged to conform in size to the drilling or spacing units so prescribed or permitted or to the proration units as may be authorized for obtaining the maximum allowable production from one well. Lessee may pool the acreage or interests above described, or any portion thereof, as above provided, as to oil or gas in any one or more zones, and units so formed need not conform in size or area with the unit or units into which the lease is pooled or combined as to any other zone, and oil units need not conform as to area with gas units. The pooling in one or more instances shall not exhaust the rights of the Lessee hereunder to pool this lease or portions thereof into other units. Lessee shall file for record in the appropriate records of the county in which the leased premises are situated an instrument describing and designating the pooled acreage as a pooled unit; and upon such recordation the unit shall be effective as to all parties hereto, their heirs, successors, and assigns, irrespective of whether or not the unit is likewise effective as to all other owners of surface, mineral, royalty, or other rights in land included in such unit. Lessee may at its election exercise its pooling option before or after commencing operations for or completing an oil or gas well on the leased premises, and the pooled unit may include, but it is not required to include, land or leases upon which a well capable of producing oil or gas in paying quantities has theretofore been completed or upon which operations for the drilling of a well for oil or gas have theretofore been commenced. In the event of operations for drilling on or production of oil or gas from any part of a pooled unit which includes all or a portion of the land covered by this lease, regardless of whether such operations for drilling were commenced or such production was secured before or after the execution of this instrument or the instrument designating the pooled unit, such operations shall be considered as operations for drilling on or production of oil or gas from land covered by this lease whether or not the well or wells be located on the premises covered by this lease and in such event operations for drilling shall be deemed to have been commenced on said land within the meaning of paragraph 5 of this lease; and the entire acreage constituting such unit or units, as to oil and gas, or either of them, as herein provided, shall be treated for all purposes, except the payment of royalties on production from the pooled unit, as if the same were included in this lease. For the purpose of computing the royalties to which owners of royalties and payments out of production and each of them shall be entitled on production of oil and gas, or either of them, from the pooled unit, there shall be allocated to the land covered by this lease and included in said unit (or to each separate tract within the unit if this lease covers separate tracts within the unit) a pro rata portion of the oil and gas, or either of them, produced from the pooled unit after deducting that used for operations on the pooled unit. Such allocation shall be on an acreage basis-that is to say, there shall be allocated to the acreage covered by this lease and included in the pooled unit (or to each separate tract within the unit if this lease covers separate tracts within the unit) that pro rata portion of the oil and gas, or either of them, produced from the pooled unit which the number of surface acres covered by this lease (or in each such separate tract) and included in the pooled unit bears to the total number of surface acres included in the pooled unit. Royalties hereunder shall be computed on the portion of such production, whether it be oil and gas, or either of them, so allocated to the land covered by this lease and included in the unit just as though such production were from such land. The production from an oil well will be considered as production from the lease or oil pooled unit from which it is producing and not as production from a gas pooled unit; and production from a gas well will be considered as production from the lease or gas pooled unit from which it is producing and not from an oil pooled unit. The formation of any unit hereunder shall not have the effect of changing the ownership of any delay rental or shut-in production royalty which may become payable under this lease. If this lease now or hereafter covers separate tracts, no pooling or unitization of royalty interests as between any such separate tracts is intended or shall be implied or result merely from the inclusion of such separate tracts within this lease but Lessee shall nevertheless have the right to pool as provided above with consequent allocation of production as above provided. As used in this paragraph 4, the words "separate tract" mean any tract with royalty ownership differing, now or hereafter, either as to parties or amounts, from that as to any other part of the leased premises.

5. If at the expiration of the primary term, oil, gas, or other mineral is not being produced on said land, or from land pooled therewith, but Lessee is then engaged in drilling or reworking operations thereon, or shall have completed a dry hole thereon within 60 days prior to the end of the primary term, the lease shall remain in force so long as operations on said well or for drilling or reworking of any additional well are prosecuted with no cessation of more than 60 consecutive days, and if they result in the production of oil, gas or other mineral, so long thereafter as oil, gas, or other mineral is produced from said land, or from land pooled therewith. If, after the expiration of the primary term of this lease and after oil, gas, or other mineral is produced from said land, or from land pooled therewith, the production thereof should cease from any cause, this lease shall **remain in force only** if Lessee commences operations for drilling or reworking within 60 days after the cessation of such production but shall remain in force and effect so long as such operations are prosecuted with no cessation of more than 60 consecutive days, and if they result in the production of oil, gas, or other mineral, so long thereafter as oil, gas, or other mineral is produced from said land, or from land pooled therewith. Any pooled unit designated by Lessee in accordance with the terms hereof, may be dissolved by Lessee by instrument filed for record in the appropriate records of the county in which the leased premises are situated at any time after the completion of a dry hole or the cessation of production on said unit. In the event a well or wells producing oil or gas in paying quantities should be brought in on adjacent land and draining the leased premises, or land pooled therewith, Lessee agrees to drill such offset well or wells as a reasonably prudent operator would drill under the same or similar circumstances. Lessee may at any time execute and deliver to Lessor place of record a release or releases covering any portion or portions of the above described premises and thereby surrender this lease as to such portion or portions and be relieved of all obligations as to the acreage surrendered.

6. Lessee shall have the right at any time during or within six months after the expiration of this lease to remove all property and fixtures placed by Lessee on said land, including the right to draw and remove all casing. Thereafter same become the property of Lessor. When required by Lessor, Lessee will bury all pipe lines below ordinary plow depth, and no operations shall be conducted within 400 feet of any residence or barn now on said land without Lessor's consent.

7. The rights of either party hereunder may be assigned in whole or in part, and the provisions hereof shall extend to their heirs, successors and assigns, but no change or division in ownership of the land or royalties, however accomplished, shall operate to enlarge the obligations or diminish the rights of Lessee; and no change or division in such ownership shall be binding on Lessee until thirty (30) days after Lessee shall have been furnished by registered U.S. mail at Lessee's principal place of business with a certified copy of recorded instrument or instruments evidencing same. In the event of assignment hereof in whole or in part liability for breach of any obligation hereunder shall rest exclusively upon the owner of this lease or of a portion thereof who commits such breach.

8. The breach by Lessee of any obligation arising hereunder shall not work a forfeiture or termination of this lease nor cause a termination or reversion of the estate created hereby nor be grounds for cancellation hereof in whole or in part. No obligation reasonably to develop the leased premises shall arise during the primary term. Should oil, gas or other mineral in paying quantities be discovered on said premises, then after the expiration of the primary term, Lessee shall develop the acreage retained hereunder as a reasonably prudent operator, but in discharging this obligation it shall in no event be required to drill more than one well per forty (40) acres of the area retained hereunder and capable of producing oil in paying quantities and one well per 640 acres plus an acreage tolerance not to exceed 10% of 640 acres of the area retained hereunder and capable of producing gas or other mineral in paying quantities. If after the expiration of the primary term, Lessor considers that operations are not at any time being conducted in compliance with this lease, Lessor shall notify Lessee in writing of the facts relied upon as constituting a breach hereof, and Lessee, if in default, shall have sixty days after receipt of such notice in which to commence the compliance with the obligations imposed by virtue of this instrument.

9. Lessor hereby warrants and agrees to defend the title to said land and agrees that Lessee at its option may discharge any tax, mortgage or other lien upon said land either in whole or in part, and in event Lessee does so, it shall be subrogated to such lien with the right to enforce same and apply royalties accruing hereunder toward satisfying same. Without impairment of Lessee's right under the warranty in event of failure of title, it is agreed that if Lessor owns an interest in the oil, gas or other minerals on, in or under said land less than the entire fee simple estate, whether or not this lease purports to cover the whole or a fractional interest, then the royalties to be paid Lessor shall be reduced in the proportion that his interest bears to the whole and undivided fee and in accordance with the nature of the estate of which Lessor is seized. Should any one or more of the parties named above as Lessors fail to execute this lease, it shall nevertheless be binding upon the party or parties executing the same.

10. Should Lessee be prevented from complying with any express or implied covenant of this lease, from conducting drilling or reworking operations thereon or on land pooled therewith or from producing oil or gas therefrom or from land pooled therewith by reason of scarcity of or inability to obtain or to use equipment or material, or by operation of force majeure, any Federal or state law or any order, rule or regulation of governmental authority, then while so prevented, Lessee's obligation to comply with such covenant shall be suspended, and Lessee shall not be liable in damages for failure to comply therewith; and this lease shall be extended while and so long as Lessee is prevented by any such cause from conducting drilling or reworking operations on or from producing oil or gas from the leased premises or land pooled therewith, and the time while Lessee is so prevented shall not be counted against Lessee, anything in this lease to the contrary notwithstanding.

SEE ADDENDUM, PARAGRAPHS A THROUGH AA, ATTACHED HERETO AND MADE A PART HEREOF FOR ALL PURPOSES.

IN WITNESS WHEREOF, this instrument is executed on the date first above written.

James Gano
JAMES GANO

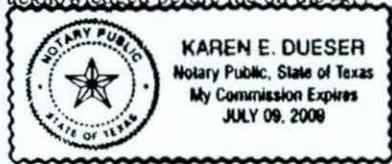
Janet Gano
JANET GANO

Heleen Louise Gano Norris
HELEN LOUISE GANO NORRIS

THE STATE OF TEXAS :

COUNTY OF Dewitt :

This instrument was acknowledged before me on the 20th day of September, 2005, by JAMES GANO.

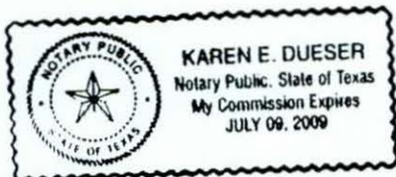


Karen E. Dueser
NOTARY PUBLIC, STATE OF TEXAS

THE STATE OF TEXAS :

COUNTY OF Dewitt :

This instrument was acknowledged before me on the 20th day of September, 2005, by JANET GANO.



Karen E. Dueser
NOTARY PUBLIC, STATE OF TEXAS

THE STATE OF TEXAS :

COUNTY OF Dewitt :

This instrument was acknowledged before me on the 20th day of September, 2005, by HELEN GANO NORRIS.



Karen E. Dueser
NOTARY PUBLIC, STATE OF TEXAS

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ADDENDUM

THE PROVISIONS OF THIS ADDENDUM SHALL CONTROL AND GOVERN OVER ANYTHING HEREIN ABOVE PROVIDED WHICH MAY BE IN CONFLICT HEREWITH.

A. PUGH CLAUSE: Notwithstanding anything to the contrary herein contained, drilling operations on or production from a pooled unit or units established under the provision of Paragraph 4 or Paragraph X hereof, embracing land covered hereby and other land, shall maintain this lease in force only as to land included in such unit or units. The lease may be maintained in force as to the remainder of the land in any manner herein provided for.

B. INGRESS & EGRESS: In the event any of the acreage covered by this lease is released by operation of the terms of Paragraphs A or H hereof, Lessee shall have the right of ingress and egress for production purposes across the released acreage to the acreage retained hereunder if such right is necessary for Lessee to have access to the retained acreage.

C. LAND USE: (REFERENCE HEREIN TO LESSOR ALSO REFERS TO SURFACE OWNER)

(a) Should Lessor or tenants on the leased premises suffer loss of, or damage to, crops, trees, turf, livestock, water wells, fences, roads, other personal property, buildings or other improvements, as a result of operations of Lessee under this lease, Lessee agrees to pay Lessor or such tenants the actual amount of their said loss or damage. It is expressly understood and provided that the damages provided to be paid under the terms of this lease shall be payable within 60 days after written notice by Lessor to Lessee of the accrual of such damages and if such damages are not paid within 60 days from the receipt of any such notice then such damages shall bear interest at the rate of 10% per annum from the date of accrual of such damages.

(b) Within a reasonable time after Lessee's need therefor shall have ceased, Lessee shall fill all pits and other excavations made by Lessee upon the leased premises, level off all mounds made by Lessee upon the lease premises, and remove all debris and rubbish placed by Lessee upon the leased premises and restore the surface to its original pre-drilling condition as nearly as possible. Lessee shall erect and maintain around all open pits a fence capable of turning livestock. To protect Lessor's livestock, Lessee and those conducting surface and/or seismic operations on the lease premises must not allow trash, debris, or refuse from such operation to exist on the ground, including, but not limited to, flagging material, wire, plastics, chemical residue, or other foreign objects or materials that would endanger or injure livestock. Upon cessation of use thereof by Lessee, it will notify Lessor of such cessation and at the option of the Lessor will leave on the premises as part of the property of Lessor all cattle guards, water wells, bridges and roads placed thereon by Lessee, its successors or assigns. If requested by Lessor, Lessee must place all road and pad gravel in piles on the lease at locations designated by Lessor. A cattle guard with lock-bar shall be placed at the entrance onto the lease premises through which the Lessee will have access to the premises with regard to any well being drilled on the lease premises or land pooled therewith. Said lock-bar shall be kept closed and locked at all times except during times of entrance by Lessee, its agents and parties operating under the Lessee. Lessee agrees to maintain all roads and paths upon which it travels in a condition which is as good as or better than the condition of such road or pathway prior to Lessee's entry upon the above-described tract. The location of any road installed by Lessee must be along a route requested by Lessor, however, Lessor must not make an unreasonable request. Any roads installed by Lessee and the drill site must be made up of at least six inches (6") of compacted gravel which gravel shall be composed of stones not in excess of two inches (2") in diameter. Adequate and ample drainage shall be provided on the roads and drill site to avoid standing water. Lessee must install a sixteen foot (16') galvanized tube gate in each of Lessor's fences through which it must pass during its operations.

(c) None of Lessor's fresh water may be used for secondary recovery methods of oil or gas production. Lessee is expressly given no right to dispose of any waste oil or salt water on or over the leased premises. Lessee agrees that any oil based mud, drilling compound containing a hydrocarbon base or any material which is harmful to the soil used in Lessee's operations on said land will be placed in a portable steel storage container during drilling operations on said land, and Lessee shall remove all such muds, compounds, materials and storage containers from the land and dispose of it off the leased premises. Any water based drilling mud not containing any of said deleterious substances shall be spread, disced, and leveled by the Lessee near the location where the mud was used as directed by Lessor. The topsoil of the drill site must be removed before installing the drill site. After completion of its use by Lessee, all topsoil that has been removed must be returned to the original location and spread over the area, disced in, and appropriate grasses planted and re-sprigged according to the Lessor's requirements. The well equipment and location shall be kept as clean as possible at all times, and roads used by Lessee should be kept in good state of repair. Lessor reserves the right to inspect and check for accuracy all meters through which Lessor's royalty may be marketed.

(d) In addition to the damages set forth above, Lessee must pay the Lessor \$1.00 per each foot of the length of a sixty-foot (60') wide pipeline right-of-way for installing pipelines necessary for production of any well on the lease premises, which right-of-way shall reduce to a thirty-foot (30') right-of-way after construction and installation of the pipeline. Lessee must pay Lessor \$3,500.00 as a liquidated damage amount for any oak tree damaged or destroyed by Lessee which tree has a trunk diameter over twelve inches (12") when measured twenty-four inches (24") from ground level. Prior to commencing surface operations pertaining to any well to be drilled on the premises, Lessee must deliver to surface owner a deposit of \$2,500.00 to be applied to the damages to be incurred from such operations.

(e) Notwithstanding the general terms of grant contained in this lease, the Lessee is not given the right to erect or maintain refining facilities, or any other extraction or treating facilities on the lease premises unless directly related to the production, treatment, and recovery of oil, gas, sulphur, and other leased minerals from this lease or from land pooled therewith, and such facilities, if any, shall be only those reasonably necessary for production, treatment and recovery of such leased substances from this lease and land pooled therewith.

(f) Upon termination of this lease, Lessee agrees, binds and obligates itself to plug in accordance with the Rules and Regulations of the Railroad Commission of Texas any well drilled by Lessee. In the event Lessee shall fail to plug such well in accordance with the foregoing provisions, then Lessor shall have the right to do so at Lessee's expense and shall be entitled to recover from Lessee all expenses incurred in the plugging of any such well, together with a reasonable attorney's fee and venue for such action shall be in DeWitt County, Texas.

D. SHUT-IN LIMIT: It is expressly agreed and provided that this lease cannot be held, maintained, nor extended under and by virtue of the shut-in gas well provision of this lease for a longer term beyond the primary term than two (2) consecutive years immediately thereafter, or for shorter terms at various intervals not to exceed in the aggregate two (2) years in all.

E. MINERAL LIMITATION: It is expressly understood and provided that this lease covers oil and gas and liquid hydrocarbons, along with the products and by-products thereof, but this lease does not cover any other minerals of any type, here making particular mention of water, the Lessee herein being given no right to explore for, nor develop any part of the land for production of water therefrom except with regard to producing water to be used solely with regard to Lessee's oil and gas drilling operations. Notwithstanding anything to the contrary in this lease contained, Lessee shall at all times protect the herein leased land from drainage of oil and gas from wells on adjoining lands.

F. POOLING LIMITATIONS:

(a) In the event Lessee exercises its option to pool as authorized by the terms and provisions of Paragraph 4 herein, the right to pool for gas, including condensate and distillate, is hereby limited to 320 acres plus 10% tolerance as to all horizons from the surface of the ground to a depth of 13,000 feet below the surface of the ground, it being understood that Lessee shall have the right to pool or unitize the lands covered hereby for gas, including condensate or distillate, as to all depths below 13,000 feet below the surface of the ground in accordance with the terms and provisions set forth in Paragraph 4 above. If Lessee exercises its right to pool a gas well located on the Lessor's land, it must place into the pool the entire tract of Lessor's land originally leased and described herein.

(b) Lessee acquires no rights or power to pool any of the above described land for oil, it being understood and agreed that pooling provisions as provided for herein are limited to gas and/or gas distillate only.

G. RELEASES: Lessee must furnish to Lessor within 60 days after the termination of this lease with regard to any part of the herein leased premises from any cause a duly executed and acknowledged instrument releasing or evidencing the termination of the lease as to that part of the land upon which the lease has terminated. Lessee agrees to pay Lessor \$10.00 per day as liquidated damages in DeWitt County, Texas, for Lessee's failure to furnish said release within the time provided. If the Lessee does so fail, such damages per day ARE to begin accruing on the 61st day after such termination. Said amount is agreed to be a reasonable amount to offset actual damages which are difficult to determine.

H. NON-POOLED PUGH CLAUSE: Lessee must within 90 days after the completion of any well on the leased premises which is not pooled under the provisions of Paragraph 4 or Paragraph X hereof designate in writing and place of record with the County Clerk of DeWitt County, Texas, a description of that part of the leased premises which shall be allotted to such well for production purposes, no more than 40 acres plus 10% tolerance to be allotted in and around each well classified as an oil well by the Railroad Commission of Texas if completed at a depth of 13,000 feet or less below the surface nor more than 80 acres plus 10% tolerance to such oil well if completed at a depth of more than 13,000 feet below the surface, and no more than 320 acres plus 10% tolerance to be allotted in and around each well classified as a gas well by the Railroad Commission of Texas, if completed at a depth of 13,000 feet or less below the surface nor more than 640 acres plus 10% tolerance to such gas well if completed at a depth of more than 13,000 feet below the surface. Production or operations on said allotted area by the Lessee shall maintain this lease in effect only with regard to the land within the described area. This lease shall terminate at the end of the primary term as to such part or parts of the leased land lying outside the allotted area unless this lease is perpetuated as to such land outside the allotted area by operations conducted thereon or by production of oil or gas or any such operations and such production in accordance with the provisions hereof.

I. PAYMENT LOCATION: All royalties, surface damages, and other payments due under this lease shall be payable in DeWitt County, Texas, unless otherwise herein provided.

J. MINIMUM ROYALTY: If the royalties to be paid under this lease during 12-month periods as described below are less than the sum of \$25.00 per acre then leased ("minimum royalty"), then this lease will terminate at the end of 60 days after the end of the applicable 12-month period unless the Lessee pays to the royalty holders a sum of money equal to the difference between said minimum royalty per acre and the total of all royalty monies on production so paid during the applicable 12-month period. Said 12-month periods are the initial period beginning with the date of first production from the lease premises and each successive 12-month period thereafter. The payments set out in this paragraph do not relieve Lessee of the requirement of production in paying quantities to maintain this lease.

K. INFORMATION PARAGRAPH: Lessor or his agent shall have access to any well being drilled on the premises but must not interfere with Lessee's operations. At Lessor's request, Lessee must furnish Lessor or his agent with copies of logs, electrical well formation surveys and analyses of formation samples used by Lessee with regard to any well on the premises within 30 days after well completion or request, whichever is later. Lessee must furnish Lessor on request copies of sale contract concerning oil, gas, and other minerals from any well on the land. All of the above are to be furnished Lessor at his address set out above.

L. ROYALTY PRODUCTION: Payments of royalty under the terms of this lease shall never bear or be charged with, either directly or indirectly, any part of the costs or expenses of production, gathering, dehydration, compression, transportation, manufacturing, processing, treating, post-production expenses, marketing or otherwise making the oil or gas ready for sale or use, nor any costs of construction, operation or depreciation of any plant or other facilities for processing or treating said oil or gas. Anything to the contrary herein notwithstanding, it is expressly provided that the terms of this paragraph shall be controlling over the provisions of Paragraph 3 of this lease to the contrary and this paragraph shall not be treated as surplusage despite the holding in the cases styled "Heritage Resources, Inc., v. Nationsbank, 939 S.W. 2d 118 (Tex. 1996) and "Judice v. Mewbourne Oil Co., 939 S.W. 2d 135-36 (Tex. 1996).

M. DEEP RIGHTS: At the end of the primary term hereof or 60 days after completion of any well being drilled at the end of the primary term, whichever occurs later, this lease shall automatically expire as to all depths lying deeper than 100 feet below the deepest oil or gas strata found to be capable of producing in paying or commercial quantities during the term of this lease.

N. ROYALTY PAYMENT DUE DATE: All royalty payments on actual production are due and payable within 60 days after the end of the month in which the production occurred. In the event Lessee becomes delinquent in such payment, the Lessor must notify the Lessee of the default and if Lessee does not pay the delinquent amount within 15 days after Lessor has sent such notice of the delinquency to Lessee by certified mail at its address set out above, Lessee must pay interest on the delinquent royalty amount and on all other royalties subsequently becoming delinquent until all delinquent payments have been paid, the interest rate to be 12% per year and computed as to each of the delinquent amounts beginning with the date each becomes due. Lessee's obligations to pay royalties under this lease shall be secured by a first lien under the provisions of Section 9.319 of the Texas Business and Commerce Code extending to all of Lessor's royalty share of all oil and gas production and the proceeds of such share of the production from the premises. Lessee's sale of the royalty oil and gas shall not extinguish this lien, which lien is thereby impressed on the monies received for the royalty oil and gas. In the event of Lessee's bankruptcy, Lessor shall possess a lien on all proceeds from the sale of the royalty oil and gas.

O. REPORTS: In the event of production of oil, gas, and other liquid hydrocarbons from the leased premises or land pooled therewith, the Lessee must deliver to the Lessor herein after Lessor's written request copies of all monthly oil and gas production reports required to be filed with the Texas Railroad Commission concerning the well or wells on the leased premises or land pooled therewith, such delivery to be at the same time as the filing time therefor required by said Commission.

P. NOTIFICATION: The Lessee must notify Lessor not less than 48 hours prior to any entrance on the leased premises, of the date it will enter the land, including in such notice the purpose of the entry and, if applicable, the specific location of any well to be drilled on the leased premises. This will not apply, however, to normal well inspection operations (gaugers, etc.)

Q. DEFINITIONS USED IN THIS LEASE:

(1) The terms "drilling operations" or "operations for drilling" shall mean that the drilling rig is in position with the bit on the ground and rotating.

(2) A well is "completed" under the provisions of this lease (1) five days after the well reaches total depth and no attempt is made to complete the well as a producer of oil and/or gas by running of production casing, or (2) thirty days after the date production casing is cemented in the well (as reflected by the cementing affidavit required to be filed with the Railroad Commission of Texas) in the event an attempt is made to complete the well as a producer of oil and/or gas. Any later work done on the well will be deemed to be re-working operations.

(3) A well is deemed "abandoned" at the earlier of (a) when permanently plugged, or (b) when temporarily plugged by installation of a dry-hole tree or by welding a steel plate at the top of the casing.

R. NEGLIGENT LOSS: It is expressly provided that the Lessee shall be liable to Lessor for the royalty on any oil or gas which may be lost or wasted due to leakage, fire or other reasons which are as a result of the Lessee's negligence or negligence of any parties operating this lease under the direction of or at the request of the Lessee, the royalty in this case to be as described with regard to production under Paragraph 3 hereof.

S. POLLUTION AND CONTAMINATION:

(1) It is agreed and understood between the Lessor and the Lessee that the Lessee will in its operations on the leased premises comply with all Federal and State laws, rules and regulations with regard to the avoidance of pollution and contamination, including, but not limited to, the Comprehensive Environmental Response, Compensation and Liability Act of 1980 ("CERCLA"), the Resource, Conservation and Recovery Act ("RCRA"), The Texas Health and Safety Code, Rules and Regulations of any State or Federal administrative agency and all amendments thereto as and when they become effective.

(2) Lessee assumes all responsibility to protect, defend, indemnify, and save Lessor harmless from and against all claims, demands, and causes of action of every kind and character arising directly or indirectly from any and all pollution or contamination which may occur during the conduct of operation hereunder whether above the land surface or below, including, but not limited to, those which result from spills of materials and/or garbage, or which may result from fire, blowout, cratering, seepage, or flow of oil, gas, water or other substance, as well as from the use or disposition of oils, fluids, contaminated cuttings, lost circulation and fish recovery materials and fluid.

(3) Lessee must control and remove all polluting or contaminating substances it brings or causes to be brought on the land. If a third party performing work for the Lessee commits an act or omission which results in such pollution or contamination or failure to comply with the aforementioned laws governing same, the Lessee shall be responsible therefor to the Lessor under this paragraph.

(4) This is an ongoing obligation on the part of the Lessee which survives the termination of the lease unless the Lessee furnishes to the Lessor at Lessee's expense an Environmental Audit at the termination of the lease showing that there is no pollution or contamination from Lessee's operations under this lease then in existence on the leased land or land pooled therewith. Said audit shall be conducted by a person agreed upon by Lessor and Lessee who is qualified to conduct such audit.

(5) Lessee must immediately notify Lessor upon learning or suspecting that any environmental contamination or pollution has occurred on the lease premises.

(6) Lessee must maintain in effect at all times during its operations under this lease a liability insurance policy in amount of not less than \$1,000,000.00 protecting Lessor against all claims arising by virtue of the Lessee's failure to comply with the provisions of this Paragraph S, and must furnish Lessor prior to beginning such operations with proof of the existence of such policy.

T. INDEMNIFICATION: Lessee agrees to indemnify, hold harmless and defend Lessor at Lessee's cost against all claims for damages to person or property arising out of or connected with Lessee's operations on or occupancy of the leased premises. Lessee will comply with all environmental protection and pollution laws.

U. DIVISION ORDER: Neither the Lessee nor any other party disbursing oil or gas royalty as provided under this lease or through agreement of the third party with the Lessee may require Lessor to execute a division order as a requisite for the Lessor being paid royalties with the exception that a division order that provides only a stipulation of the Lessor's royalty interest may be required of the Lessor.

V. RATIFICATION: Prior to exercising its right to pool or unitize any part of the lease premises, Lessee must obtain ratification of this lease by all holders of outstanding royalty, if any, thereby protecting Lessor from claims of such royalty holders. Lessee must bear any excess royalty occasioned by Lessee's failure to obtain such ratification.

W. 3-D SEISMIC OPERATIONS: No authority is herein granted to Lessee to conduct seismic operations using 3-D method unless Lessee pays the surface owner prior to beginning of such operations \$25.00 per acre for the entire land above described. After completion of such operations, Lessee must restore the land to its original condition just prior to such operations and must pay the surface owner and any tenants the actual amount of damages arising from such operations.

X. HORIZONTAL DRILLING: In the event a well is drilled in which the horizontal component of the gross completion interval exceeds one hundred (100) feet in length ("horizontal completion well"), pooling shall be on a surface acreage basis (defined below) to include the length of the horizontal drainhole beginning at a point where the horizontal drainhole penetrates the correlative interval and extending to the terminus of such horizontal drainhole. For the purpose of this provision, "terminus", "horizontal drainhole" and "correlative interval" shall be defined in accordance with the Rules and Regulations of the Railroad Commission of Texas or other governmental authority having jurisdiction. The diagonal of said units shall comply with the Rules and Regulations of said Authority, including but not limited to, Statewide Rule 86. "Surface acreage basis" means the production on which the Lessor's royalty is calculated shall be that portion of total unit production which the surface acreage covered by this lease and included in the unit bears to the total surface acreage in the unit. The size of the unit for a horizontal completion well with a drill site located on the above described property or in which the above described property is pooled where the drill site is located off the leased premises shall not exceed the unit size permitted by the Railroad Commission of Texas. In exercising the pooling rights granted in this paragraph, Lessee shall file of record a written declaration describing the unit as to the specific leases and acreage to be included therein as well as the vertical limits of the productive horizon or zone and stating the effective date of pooling; however, as to any horizontally completed well, Lessee shall have ninety (90) days from initial completion in which to amend such written designation of unit to increase or decrease the acreage, include or exclude specific leases or tracts as well as redefine the vertical limits of the productive zone in order to conform to the well spacing or density prescribed by the Railroad Commission of Texas. If such unit is filed and amended within such period of time, Lessee shall file of record in the county where the lands are located a written declaration describing the revised unit and stating the effective date of revision. To the extent any portion of the leased premises is included in or excluded from the unit by virtue of such revision, the proportion of unit production on which royalties are payable under this paragraph shall be adjusted accordingly as of the effective date for the revised unit. The effective date of any unit formed for horizontal drainhole wells under this paragraph or any revision thereof shall be the date set forth as the effective date by lessee in the written declaration that is filed of record for such unit or revision thereof.

Y. SHUT-IN ROYALTY DIVISION ORDER: Lessor agrees that the share (if any) set out below opposite the name of each party named below shall be the total share of annual shut-in royalty payable under this lease to such party, such party's heirs, successors or assigns, and said amount shall be paid or tendered to the credit of any such party, such party's heirs, successors or assigns, in the respective depository bank set out below opposite such party's name, or its successors, to-wit:

<u>CREDIT TO</u>	<u>DEPOSITORY</u>	<u>SHARE</u>
James Gano <u>1982 1st Street</u> <u>Ingleside, TX 78362</u>	<u>Frost Bank</u> <u>Portland, TX</u>	One-third
Janet Gano <u>7034 Sun Wood Dr</u> <u>Corpus Christi, TX 78413</u>	<u>Frost National Bank</u> <u>Corpus Christi, TX</u>	One-third
Helen Louise Gano Norris <u>4010 Heardon Herndon</u> <u>Corpus Christi, TX 78411</u>	<u>Members 1st Credit Union</u> <u>Corpus Christi, TX</u>	One-third

Z. RESTRICTIONS: Neither the Lessee, nor its agents, employees or contractors shall be permitted to bring firearms upon or do any hunting or fishing upon the lease premises.

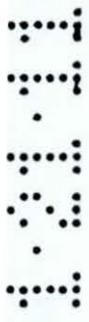
AA. HEADINGS: The paragraph and section headings appearing in this agreement are for convenience of reference only and are not intended, to any extent or purpose, to limit or define the text of any paragraph.

SIGNED FOR IDENTIFICATION:

James Gano
JAMES GANO

Janet Gano
JANET GANO

Helen Louise Gano Norris
HELEN LOUISE GANO NORRIS



43752

Filed for Record

This, the 21st day of Sept. 2005
at 1:45 o'clock P. M

ELVA PETERSEN, COUNTY CLERK OF
DeWitt County, Texas

Sam Brandstetter

Deputy

Return: Hold For Deason
"Rachel will pick up"

STATE OF TEXAS
COUNTY OF DEWITT

I hereby certify that this instrument was filed
on the ~~date~~ and time stamped hereon by me
and was duly recorded in the Volume and
Page of the Official Public Records of DeWitt
County Texas.

SEP 21 2005

ELVA PETERSEN

DEWITT COUNTY CLERK

By Sam Brandstetter Deputy

Vol. 175 Page 496-504

Notice of Confidentiality Rights: If you are a natural person, you may remove or strike any of the following information from this instrument before it is filed for record in the Public Records: Your Social Security Number or your Driver's License Number.

AMENDMENT TO OIL, GAS AND MINERAL LEASE

THE STATE OF TEXAS *
 *
COUNTY OF DEWITT *

WHEREAS, on the 20th day of September, 2005, James Gano, Janet Gano, and Helen Louise Gano Norris, each dealing in their own respective separate property, as Lessor executed an Oil, Gas and Mineral Lease, in favor of Whiting Oil & Gas Corporation, as Lessee, covering and describing 107.7 acres of land, more or less, in the Antonio Sidie 1/3 League, A-418, the I.R.R. Company Survey, Section 25, A-250, and in the S. Couch Survey, A-124, DeWitt County, Texas, recorded in Volume 176, Page 229 of the Official Records of DeWitt County, Texas, being more particularly described as follows, to-wit:

107.7 acres, more or less, part of the Antonio Sidie 1/3 League, A-418, the I.R.R. Company Survey, Section 25, A-250, and the S. Couch Survey, A-124, DeWitt County, Texas, and being the same land as described in Warranty Deed dated July 17, 1969, from Rudolph J. Roeder, Jr., et ux to Mrs. Helen R. Gano, recorded in Volume 178, Page 121, Deed Records of DeWitt County, Texas.

WHEREAS, the parties to said lease now desire to amend the same as hereinafter set forth;

WHEREAS Enduring Resources LLC has succeeded to the rights and obligations of Lessee pursuant to that certain Farmout and Option Agreement dated effective March 15, 2007.

NOW, THEREFORE, for good and valuable consideration in hand paid to the undersigned by Enduring Resources LLC, and its assigns, the receipt and sufficiency of which is hereby acknowledged, the undersigned do hereby amend the above described Oil, Gas and Mineral Lease by the deletion of the following paragraph 2 of the Lease:

Without reference to the commencement, prosecution or cessation at any time of drilling or other development operations, and/or to the discovery, development or cessation at any time of production of oil, gas or other minerals, and without further payments than the royalties herein provided, and notwithstanding anything else herein contained to the contrary, this lease shall be for a term of three (3) years from this date (called "primary term") and as long thereafter as oil, gas or other mineral is produced from said land or land with which said land is pooled hereunder or as long as this lease is continued in effect as otherwise provided herein.

And substituting the following paragraph in its place:

Without reference to the commencement, prosecution or cessation at any time of drilling or other development operations, and/or to the discovery, development or cessation at any time of production of oil, gas or other minerals, and without further payments than the royalties herein provided, and notwithstanding anything else herein contained to the contrary, this lease shall be for a term of five (5) years from this date (called "primary term") and as long thereafter as oil, gas or other mineral is produced from said land or land with which said land is pooled hereunder or as long as this lease is continued in effect as otherwise provided herein.

Also, by the deletion of the following fraction in paragraph 3. (a) and (b) of the Lease:

3/16ths

And substituting the following fraction in its place:

1/5th

EXCEPT AS AMENDED HEREBY, the lease shall remain unchanged and the undersigned do hereby adopt, ratify, and confirm the Lease and all of the terms and provisions thereof, as changed, altered and amended hereby; and the undersigned do hereby LEASE, GRANT, and LET the above described property covered by the Lease unto Lessee subject to and in accordance with all of the terms and provisions of the Lease as amended hereby and the undersigned do further agree and declare that the Lease is a valid and subsisting oil, gas and mineral lease and is binding on the undersigned in all of its terms and provisions.

This Amendment shall extend to and bind the undersigned and Lessee and their respective heirs, successors, assigns and administrators, executors and legal representatives. The filing of this instrument for record by Lessee or their successors and assigns, shall constitute and acceptance thereof by Lessee or their successors and assigns.

IN WITNESS WHEREOF this instrument is executed on this the 10th day of June, 2008, but effective as of the 7th day of April, 2008.

James Gano
JAMES GANO

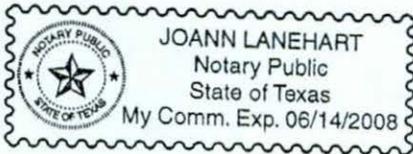
Janet Gano
JANET GANO

Helen Louise Gano Norris
HELEN LOUISE GANO NORRIS

THE STATE OF TEXAS :

COUNTY OF Neuces :

This instrument was acknowledged before me on the 10th day of June, 2008, by JAMES GANO.

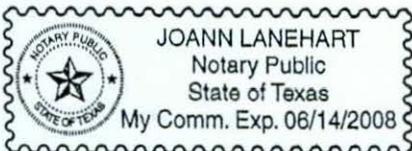


Joann Lanehart
NOTARY PUBLIC, STATE OF TEXAS

THE STATE OF TEXAS :

COUNTY OF Neuces :

This instrument was acknowledged before me on the 10th day of June, 2008, by JANET GANO.

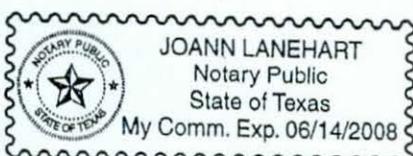


Joann Lanehart
NOTARY PUBLIC, STATE OF TEXAS

THE STATE OF TEXAS :

COUNTY OF Neuces :

This instrument was acknowledged before me on the 10th day of June, 2008, by HELEN LOUISE GANO NORRIS.



Joann Lanehart
NOTARY PUBLIC, STATE OF TEXAS

68290

Notice of Confidentiality Rights: If you are a natural person, you may remove or strike any of the following information from this instrument before it is filed for record in the Public Records: Your Social Security Number or your Driver's License Number.

AMENDMENT TO OIL, GAS AND MINERAL LEASE

THE STATE OF TEXAS *
*
COUNTY OF DEWITT *

WHEREAS, on the 20th day of September, 2005, James Gano, Janet Gano, and Helen Louise Gano Norris, each dealing in their own respective separate property, as Lessor executed an Oil, Gas and Mineral Lease, in favor of Whiting Oil & Gas Corporation, as Lessee, covering and describing 107.7 acres of land, more or less, in the Antonio Sidie 1/3 League, A-418, the I.R.R. Company Survey, Section 25, A-250, and in the S. Couch Survey, A-124, DeWitt County, Texas, recorded in Volume 176, Page 229 of the Official Records of DeWitt County, Texas, being more particularly described as follows, to-wit:

107.7 acres, more or less, part of the Antonio Sidie 1/3 League, A-418, the I.R.R. Company Survey, Section 25, A-250, and the S. Couch Survey, A-124, DeWitt County, Texas, and being the same land as described in Warranty Deed dated July 17, 1969, from Rudolph J. Roeder, Jr., et ux to Mrs. Helen R. Gano, recorded in Volume 178, Page 121, Deed Records of DeWitt County, Texas.

AND WHEREAS Enduring Resources LLC succeeded to the rights and obligations of Lessee pursuant to that certain Farmout and Option Agreement dated effective March 15, 2007; and

WHEREAS said lease was amended by Amendment to Oil, Gas and Mineral Lease dated June 10, 2008, between James Gano, Janet Gano, and Helen Louise Gano Norris as Lessor and Enduring Resources, LLC., as Lessee, recorded in Volume 266, Page 36, Official Public Records of DeWitt County, Texas; and

WHEREAS, the parties to said lease now desire to amend the same as hereinafter set forth;

NOW, THEREFORE, for good and valuable consideration in hand paid to the undersigned by Enduring Resources LLC, and its assigns, the receipt and sufficiency of which is hereby acknowledged, the undersigned do hereby amend the above described Oil, Gas and Mineral Lease as amended by the deletion of the following paragraph 2 of the Lease:

Without reference to the commencement, prosecution or cessation at any time of drilling or other development operations, and/or to the discovery, development or cessation at any time of production of oil, gas or other minerals, and without further payments than the royalties herein provided, and notwithstanding anything else herein contained to the contrary, this lease shall be for a term of five (5) years from this date (called "primary term") and as long thereafter as oil, gas or other mineral is produced from said land or land with which said land is pooled hereunder or as long as this lease is continued in effect as otherwise provided herein.

And substituting the following paragraph in its place:

Without reference to the commencement, prosecution or cessation at any time of drilling or other development operations, and/or to the discovery, development or cessation at any time of production of oil, gas or other

minerals, and without further payments than the royalties herein provided, and notwithstanding anything else herein contained to the contrary, this lease shall be for a term of seven (7) years from this date (called "primary term") and as long thereafter as oil, gas or other mineral is produced from said land or land with which said land is pooled hereunder or as long as this lease is continued in effect as otherwise provided herein.

Also, by the deletion of the following fraction in paragraph 3. (a) and (b) of the Lease:

1/5th

And substituting the following fraction in its place:

1/4th

And by adding the following paragraph:

GATE GUARD: At all times during drilling operations upon the herein leased premises by Lessee and/or its agents/assigns, Lessee will post a gate guard at the entrance (used by such Lessee and/or its agents/assigns) to the leased premises.

And by the inserting the following clause:

"AA. MOTHER HUBBARD: This lease also covers and includes all of the Lessor's right, title and interest, if any, in and to any and all portions of said land underlying roads, rights-of-ways, streets, and waterways."

EXCEPT AS AMENDED HEREBY, the lease as amended shall remain unchanged and the undersigned do hereby adopt, ratify, and confirm the Lease and all of the terms and provisions thereof, as changed, altered and amended hereby; and the undersigned do hereby LEASE, GRANT, and LET the above described property covered by the Lease unto Lessee subject to and in accordance with all of the terms and provisions of the Lease as amended hereby and the undersigned do further agree and declare that the Lease is a valid and subsisting oil, gas and mineral lease and is binding on the undersigned in all of its terms and provisions.

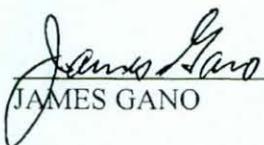
This Amendment shall extend to and bind the undersigned and Lessee and their respective heirs, successors, assigns and administrators, executors and legal representatives. The filing of this instrument for record by Lessee or their successors and assigns, shall constitute and acceptance thereof by Lessee or their successors and assigns.

The mailing addresses of Lessor are as follows:

James Gano, 1982 First Street, Ingleside, Texas 78362;
Helen Louise Gano Norris, 4010 Herndon, Corpus Christi, Texas 78411; and
Janet Gano, 7034 Sun Wood, Corpus Christi, Texas 78413.

IN WITNESS WHEREOF this instrument is executed on this the 20nd day of February, 2010, but effective as of the 20th day of September, 2005.

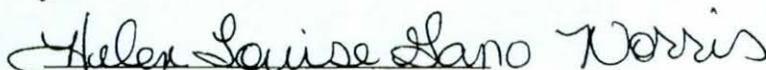
LESSOR:



JAMES GANO



JANET GANO



HELEN LOUISE GANO NORRIS

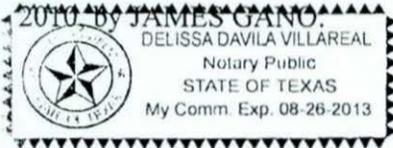
LESSEE:

ENDURING RESOURCES, LLC

By: [Signature]
Alex B. Campbell, Vice President (name)
(title)

THE STATE OF TEXAS :
:
COUNTY OF Nueces :

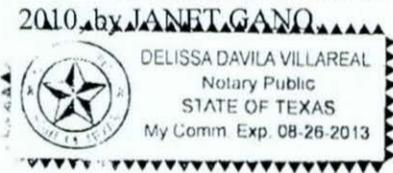
This instrument was acknowledged before me on the 22nd day of February,



[Signature]
NOTARY PUBLIC, STATE OF TEXAS

THE STATE OF TEXAS :
:
COUNTY OF Nueces :

This instrument was acknowledged before me on the 22nd day of February,



[Signature]
NOTARY PUBLIC, STATE OF TEXAS

THE STATE OF TEXAS :
:
COUNTY OF Nueces :

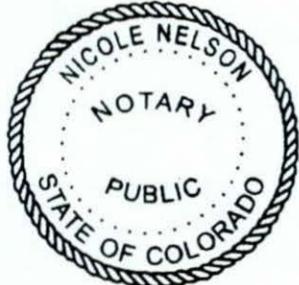
This instrument was acknowledged before me on the 22nd day of February,



[Signature]
NOTARY PUBLIC, STATE OF TEXAS

THE STATE OF ~~TEXAS~~ colorado :
:
COUNTY OF Denver :

This instrument was acknowledged before me on the 11th day of March, 2010, by Alex B. Campbell, Vice President of ENDURING RESOURCES, LLC, a limited liability company, on behalf of said company.



[Signature]
NOTARY PUBLIC, STATE OF ~~TEXAS~~ colorado

My Commission Expires 02/25/2012

FILED IN INSTRUMENTS UNIT
DEWITT COUNTY
CLERK'S OFFICE

68290

68290

Filed for Record

This, the 25th day of March 20 10
at 2:10 o'clock P. M

ELVA PETERSEN, COUNTY CLERK OF
DeWitt County, Texas

Pam Schoenaberg
Deputy

Pamala Schoenaberg

STATE OF TEXAS
COUNTY OF DEWITT

I hereby certify that this instrument was filed on the date & time
stamped hereon by me & was duly recorded in the Volume &
Page of the Official Public Records of DeWitt Co. Texas



Date MAR 25 2010
ELVA PETERSEN, COUNTY CLERK
BY Pam Schoenaberg
Vol. 307 Page 127-130

File No. MF112076

Leases

Date Filed: 1/21/11

Jerry E. Patterson, Commissioner

By [Signature]

Notice of confidential rights: If you are a natural person, you may remove or strike any of the following information from this instrument before it is filed for record in the public records: your social security number or your driver's license number.

ASSIGNMENT OF OIL, GAS AND MINERAL LEASES

45582

TX 22.013

STATE OF TEXAS §
 §
COUNTY OF DE WITT §

KNOW ALL MEN BY THESE PRESENTS

THAT I, JEFFREY SCOT DEASON, d/b/a D.O.G. INTERESTS, whose address is P.O. Box 1320, Port Aransas, Texas 78373 (hereinafter referred to as "Assignor"), for and in consideration of the sum of Ten and No/100 Dollars (\$10.00), cash in hand paid, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged and confessed, has bargained, sold, transferred, assigned and conveyed and by these presents does hereby bargain, sell, transfer, assign, and convey unto WHITING OIL & GAS CORPORATION, 2300 Broadway, Suite 2300, Denver, Colorado 80290-2300, its successors and assigns (hereinafter referred to as "Assignee"), one-hundred percent (100%) in and to the oil and gas leases as described in Exhibit "A" (the "Leases"), which is attached hereto and made a part hereof for all purposes, together with an identical interest in all of Assignor's rights in, to and under all agreements, permits, rights-of-way, easements, licenses, equipment, options and orders in any way relating thereto (all of the foregoing shall sometimes be referred to hereinafter as the "Interests").

This Assignment is expressly made subject, however, to the following reservations, terms, covenants, and conditions:

1. Assignor does hereby bind itself to warrant and defend good and defensible title to the interests, as described in Exhibit "A", unto Assignee against every person whomsoever lawfully claiming or to claim the interests, or any part thereof, by, through, or under Assignor, but not otherwise. In addition, this assignment is made with full substitution and subrogation of Assignee in and to all covenants and warranties by others heretofore given or made with respect to the interests, or any part thereof.
2. By its acceptance of this Assignment of Oil, Gas and Mineral Leases, Assignee shall comply with and does hereby assume and agree to perform its part of all express and implied covenants, obligations, and reservations contained in the Leases and shall hold Assignor harmless from any and all claims, costs, expenses, liabilities or causes of action to or by third parties arising out of or relating to Assignee's ownership or operations of the interests after the effective date of this Assignment.
3. Assignor shall indemnify and hold harmless Assignee from any and all claims, costs, expenses, liabilities or causes of action to or by third parties arising out of or relating to Assignor's ownership or operation of the interests prior to the effective date of this Assignment. In addition, all costs, expenses and obligations relating to the interests

which accrue prior to the effective date of this assignment shall be paid and discharged by Assignor.

The provisions hereof shall be covenants running with the lands and shall be binding upon and inure to the benefit of the parties hereto, their respective successors and assigns.

Executed and effective this the 21ST day of December, 2005.

ASSIGNOR:

D.O.G. INTERESTS

Jeffrey Scot Deason

By: Jeffrey Scot Deason
Title: Owner

ASSIGNEE:

WHITING OIL & GAS CORPORATION

David M. Seery 10
By: David M. Seery
Title: Vice President

STATE OF TEXAS

COUNTY OF NUECES

This instrument was acknowledged before me on the 21ST day of December, 2005, by Jeffrey Scot Deason, d/b/a D.O.G. Interests.



Pam Schmitt
Notary Public in and for the State of Texas

STATE OF COLORADO

COUNTY OF Denver

This instrument was acknowledged before me on the 6th day of January, 2006, by David M. Seery, Vice President (title), of WHITING OIL & GAS CORPORATION.

Lois J. Merezko
Notary Public in and for the State of Colorado



Exhibit "A"

ATTACHED HERETO AND MADE A PART HEREOF THAT CERTAIN ASSIGNMENT OF OIL, GAS AND MINERAL LEASES DATED December 21, 2005, FROM JEFFREY SCOT DEASON D/B/A D.O.G. INTERESTS TO WHITING OIL & GAS CORPORATION.

1. OGML (paid-up) dated September 16, 2005 by Elrois Boerm, single man, and Della Mae Boerm Sauer and husband, Verlin Sauer, covering 94.4 acres a part of the IRR Company Survey, Section 28, A-252, the IRR Company Survey, Section 25, A-250 and the Wm. G. Hill Survey, A-223, DeWitt County, Texas, recorded in Volume 175, Page 272 of the Official Public Records, DeWitt County, Texas.
2. OGML (paid-up) dated September 16, 2005 by Kirby Ray Sauer, covering 189.98 acres a part of the August Burow Survey, A-740, the Wm. G. Hill Survey, A-223 and the August Burow Survey, A-102, DeWitt County, Texas, recorded in Volume 175, Page 480 of the Official Public Records, DeWitt County, Texas.
3. OGML (paid-up) dated September 20, 2005 by James Gano, Janet Gano, and Helen Louise Gano Norris, covering 161.3 acres a part of the Wm. G. Hill Survey, A-223, DeWitt County, Texas, recorded in Volume 175, Page 487 of the Official Public Records, DeWitt County, Texas.
4. OGML (paid-up) dated September 20, 2005 by James Gano, Janet Gano, and Helen Louise Gano Norris, covering 107.7 acres a part of the Antonio Sidic 1/3 League, A-417, the IRR Company Survey, Section 25, A-250 and the S. Couch Survey, A-124, DeWitt County, Texas, recorded in Volume 175, Page 496 of the Official Public Records, DeWitt County, Texas.
5. OGML (paid-up) dated September 20, 2005 by Judith L. Mazak, covering 129.5056 acres a part of the Robert Galletty League and Labor, A-195, DeWitt County, Texas, recorded in Volume 175, Page 505 of the Official Public Records, DeWitt County, Texas.
6. OGML (paid-up) dated September 19, 2005 by Calvin G. Buesing and Kenneth Buesing, covering 104.6 acres a part of the Wm. G. Hill Survey, A-223, recorded in Volume 175, Page 512 of the Official Public Records, DeWitt County, Texas.
7. OGML (paid-up) dated September 19, 2005 by Carl Matejek and Sharon R. Matejek, covering 119.10 acres a part of the IRR Company Survey, Section 25, A-150 and the Antonio Sidic 1/3 League, A-418, DeWitt County, Texas, recorded in Volume 175, Page 519 of the Official Public Records, DeWitt County, Texas.
8. OGML (paid-up) dated September 19, 2005 by Raymond Edwin Brown and wife, Janice Ladner Brown, covering 98.12 acres a part of the IRR Company Survey, Section 31, A-253, DeWitt County, Texas, recorded in Volume 175, Page 526 of the Official Public Records, DeWitt County, Texas.
9. OGML (paid-up) dated August 2, 2005 by Donald G. Halepeska and wife, Joan R. Halepeska, covering 318.45 acres a part of the IRR Company Survey, Section 31, A-253, DeWitt County, Texas, recorded in Volume 175, Page 628 of the Official Public Records, DeWitt County, Texas.
10. OGML (paid-up) dated September 15, 2005 by Evelyn Osterloh, William T. Osterloh, and Timothy W. Osterloh, covering 57.23 acres a part of the IRR Company Survey, Section 31, A-253, DeWitt County, Texas, recorded in Volume 175, Page 884 of the Official Public Records, DeWitt County, Texas.

11. OGML (paid-up) dated September 28, 2005 by Lamar R. Blaschke and wife, Billie Jo Blaschke, covering 100.99 acres a part of the Antonio Sidic 1/3 League, A-418 and the IRR Company Survey, Section 25, A-250, DeWitt County, Texas, recorded in Volume 175, Page 893 of the Official Public Records, DeWitt County, Texas.
12. OGML (paid-up) dated July 29, 2005 by Alice Seiler, dealing in her sole and separate property, covering 166.03 acres a part of the Wm. G. Hill Survey, A-223, DeWitt County, Texas, recorded in Volume 176, Page 221 of the Official Public Records, DeWitt County, Texas.
13. OGML (paid-up) dated August 2, 2005 by James D. Stanley and wife, Jacque Stanley, covering 126.241 acres a part of the Wm. G. Hill Survey, A-223, DeWitt County, Texas, recorded in Volume 176, Page 229 of the Official Public Records, DeWitt County, Texas.
14. OGML (paid-up) dated October 7, 2005 by Jon Nelson, Jr., covering 113.584 acres a part of the IRR Company Survey, Section 30, A-616 (V. Weldon), DeWitt County, Texas, recorded in Volume 176, Page 617 of the Official Public Records, DeWitt County, Texas.
15. OGML (paid-up) dated September 2, 2005 by Robert B. Eyhorn and wife, Betty M. Eyhorn, covering 24.178 acres a part of the Wm. Quinn Survey, A-394, DeWitt County, Texas, recorded in Volume 177, Page 554 of the Official Public Records, DeWitt County, Texas.
16. OGML (paid-up) dated September 2, 2005 by Robert B. Eyhorn and wife, Betty M. Eyhorn, covering 25.437 acres a part of the Wm. Quinn Survey, A-394, DeWitt County, Texas, recorded in Volume 177, Page 559 of the Official Public Records, DeWitt County, Texas.
17. OGML (paid-up) dated September 30, 2005 by Davis Schuenemann, Life Estate, covering 20.0 acres a part of the Wm. Quinn Survey, A-394, DeWitt County, Texas, recorded in Volume 177, Page 823 of the Official Public Records, DeWitt County, Texas.
18. OGML (paid-up) dated September 2, 2005 by Patrick N. Hull and wife, Margie D. Hull, covering 25.437 acres a part of the Wm. Quinn Survey, A-394, DeWitt County, Texas, recorded in Volume 178, Page 163 of the Official Public Records, DeWitt County, Texas.
19. OGML (paid-up) dated September 2, 2005 by Patrick N. Hull and wife, Margie D. Hull, covering 24.178 acres a part of the Wm. Quinn Survey, A-394, DeWitt County, Texas, recorded in Volume 178, Page 168 of the Official Public Records, DeWitt County, Texas.
20. OGML (paid-up) dated August 28, 2005 by Robert M. Nelson and wife, Mary Elizabeth Nelson, covering 113.584 acres a part of the IRR Company Survey, Section 30, A-616 (V. Weldon), DeWitt County, Texas, recorded in Volume 179, Page 33 of the Official Public Records, DeWitt County, Texas.
21. OGML (paid-up) dated November 1, 2005 by Bernard Warwas and wife, Joyce Ann Warwas, covering 80.0 acres a part of the Wm. Quinn Survey, A-394, DeWitt County, Texas, recorded in Volume 180, Page 415 of the Official Public Records, DeWitt County, Texas.
22. OGML (paid-up) dated October 28, 2005 by Barbara S. Morisse and husband, Bruce H. Morisse, covering 175.36 acres a part of the IRR Company Survey Section 31, A-253 and the IRR Company Survey Section 32, A-552, DeWitt County, Texas, recorded in Volume 180, Page 795 of the Official Public Records, DeWitt County, Texas.
23. OGML (paid-up) dated November 15, 2005 by Texas Mineral Trust d/b/a DeWitt Land and Cattle Company, covering 129.5056 acres a part of the Robert Galletty League, A-195, DeWitt County, Texas, recorded in Volume 181, Page 718 of the Official Public Records, DeWitt County, Texas.

24. OGML (paid-up) dated November 6, 2005 by Clarence Edward Thieme, Jr., covering 170.756 acres a part of the Wm. G. Hill Survey, A-223, DeWitt County, Texas, recorded in Volume 181, Page 720 of the Official Public Records, DeWitt County, Texas.
25. OGML (paid-up) dated November 6, 2005 by Dorothy E. Thieme, covering 92.57 acres a part of the Antonio Sidic 1/3 League, A-418, Wm. Quinn Survey, A-394 and the IRR Company Survey, Section 25, A-250, DeWitt County, Texas, recorded in Volume 181, Page 735 of the Official Public Records, DeWitt County, Texas.
26. OGML (paid-up) dated November 6, 2005 by Patricia A. Kozielski, covering 106.71 acres a part of the Wm. Quinn Survey, A-394, DeWitt County, Texas, recorded in Volume 181, Page 748 of the Official Public Records, DeWitt County, Texas.
27. OGL (Texas VLB paid-up) dated August 5, 2005 by Clarence E. Thieme, Jr., covering 28.57 acres a part of the Wm. G. Hill Survey, A-223, DeWitt County, Texas, recorded in Volume 182, Page 515 of the Official Public Records, DeWitt County, Texas.
28. OGML (paid-up) dated November 6, 2005 by Margarita Amador Flores, covering 108.5 acres a part of the Wm. G. Hill Survey, A-223, DeWitt County, Texas, recorded in Volume 183, Page 100, DeWitt County, Texas.
29. OGML (paid-up) dated November 6, 2005 by Gloria Amador Shepard, covering 108.5 acres a part of the Wm. G. Hill Survey, A-223, DeWitt County, Texas, recorded in Volume 183, Page 113, DeWitt County, Texas.
30. OGML (paid-up) dated November 6, 2005 by Edolina Amador, covering 108.5 acres a part of the Wm. G. Hill Survey, A-223, DeWitt County, Texas, recorded in Volume 183, Page 126, DeWitt County, Texas.
31. OGML (paid-up) dated November 6, 2005 by Maria Amador Bauman, covering 108.5 acres a part of the Wm. G. Hill Survey, A-223, DeWitt County, Texas, recorded in Volume 183, Page 139, DeWitt County, Texas.

SP-

 45582
Filed for Record
 This, the 23rd day of Jan 20 06
 at 4:30 o'clock P M
 ELVA PETERSEN, COUNTY CLERK OF
 DeWitt County, Texas
Patricia Morales
 Deputy

STATE OF TEXAS
 COUNTY OF DEWITT
 I hereby certify that this instrument
 was filed on the date & time stamped:
 hereon by me & was duly recorded
 in the Volume & Page of the Official
 Public Records of DeWitt County, Texas.
 JAN 23 2006
 ELVA PETERSEN, COUNTY CLERK
 BY: Joni Samasilla
 Vol. 186 Page 607-611

Met: Whiting Oil & Gas
 (envelope)

10.

File No. MF 112076

Assignment

Date Filed: 1/21/11

Jerry E. Patterson, Commissioner

By 

15777

DO NOT DESTROY



Texas General Land Office
UNIT AGREEMENT MEMO

PA12-04

Unit Number 5279
Operator Name TALISMAN ENERGY USA INC. **Effective Date** 6/19/2011
Customer ID C000050215 **Unitized For** Gas
Unit Name Matejek Gas Unit No 1 **Unit Term** 0 Months
County1 Dewitt **Old Unit Number** **Inactive Status Date**
County 2
County 3 0
RRC District: 02 0
Unit Type: Permanent 0
State Royalty Interest: 0.0054714876 0
State Part in Unit: 0.0218859505
Unit Depth **Well:** Other
Below Depth 13626 **Formation:** Eagle Ford
Above Depth 14012 **Participation Basis:** Surface Acreage
 [If Exclusions Apply: See Remarks]

MF Number MF112076 **Tract Number** 10
Lease Acres 2.821 / **Total Unit Acres** 679.477 =
Tract Participation: 0.0041517 X
Lease Royalty 0.25 = **Manual Tract Participation:** [] 0 | See Remark
Tract Royalty Participation 0.0010379 **Manual Tract Royalty:** [] 0

Tract Royalty Reduction No
Tract Royalty Rate 0
Tract On-Line Date:

56-029571

MF Number MF112872 **Tract Number** 11
Lease Acres 8.974 / **Total Unit Acres** 679.477 =
Tract Participation: 0.0132072 X
Lease Royalty 0.25 = **Manual Tract Participation:** [] 0 | See Remark
Tract Royalty Participation 0.0033018 **Manual Tract Royalty:** [] 0 |

Tract Royalty Reduction No
Tract Royalty Rate 0
Tract On-Line Date:

65-900 626

MF Number MF112874 **Tract Number** 12
Lease Acres 3.076 / **Total Unit Acres** 679.477 =
Tract Participation: 0.0045270 X
Lease Royalty 0.25 = **Manual Tract Participation:** [] 0 | See Remark
Tract Royalty Participation 0.0011318 **Manual Tract Royalty:** [] 0 |

Tract Royalty Reduction No
Tract Royalty Rate 0
Tract On-Line Date:

65-900626

API Number 421233241300 **RRC Number** 0

Remarks:

HROW Unit - Eagle Ford

Prepared By: REW
GLO Base Updated By: REW
RAM Approval By: JRy
GIS By: _____

Prepared Date: 12/1/2011
GLOBase Date: 12/1/2011
RAM Approval Date: 12/2/2011
GIS Date: _____

74881

PA 12-04
Unit # 5279

DESIGNATION OF GAS UNIT
TALISMAN STATOIL STBU, LLC – MATEJEK GAS UNIT NO. 1- WELL NO. 1

STATE OF TEXAS §
 §
COUNTY OF DEWITT §

The undersigned Leasehold Interest Owner and mineral interest owner (whether one or more, collectively "Owners") are the owners and holders of those certain Oil and Gas Leases and/or Oil, Gas and Mineral Leases described in Exhibit "A" attached hereto and incorporated herein for all purposes, as amended (herein referred to as the "Leases"), insofar as the Leases cover the Unit Acreage (as defined below).

For valuable consideration and pursuant to the rights granted in the Leases, Owners hereby pool, consolidate and unitize the Leases and Unit Acreage (as defined below) into a pooled unit for the exploration for, development of and production of "gas and gas rights" (defined herein below) insofar and only insofar as the Leases cover that certain 679.468 acres of land (herein referred to as the "Unit Acreage") as depicted on the plat in Exhibit "B" attached hereto and incorporated herein for all purposes, INsofar AND ONLY INsofar as said leases cover the Eagle Ford formation being the correlative stratigraphic equivalent of the interval between and including the subsurface measured depths from 13,626 feet to 14,012 feet as identified on the log of the Thieme Gas Unit 1 1A (API 42-123-32281), hereinafter referred to as the "Pooled Unit". The Owners do further hereby pool, consolidate, combine and unitize the royalty interests, working interests, overriding royalty interests, production payments, and all other interests in the gas and gas rights in and under the Unit Acreage. The unit hereby created shall be known as the "TALISMAN STATOIL STBU, LLC – MATEJEK GAS UNIT NO. 1- WELL NO. 1" and is referred to herein as the "Unit."

The term "gas and gas rights" means gas, distillate, condensate and all other associated liquid and gaseous hydrocarbons produced from a well classified by The Railroad Commission of Texas as a gas well. The production of such gas and gas rights from any part of the Unit Acreage shall constitute production from all of the Leases and Unit Acreage contained in the Unit. Drilling or reworking operations or other operations conducted on any of the Unit Acreage for the production of gas and gas rights from the Unit shall constitute such operations for the production of unitized substances on all Unit Acreage included within the Unit.

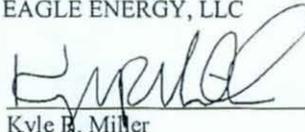
For purposes of computing the share of gas and gas rights produced from the Unit to which each interest owner shall be entitled from the Unit, there shall be allocated proportionately among all of the tracts within such Unit, in the proportion that the number of acres in each of such tracts, which are included in the Unit, bears to the total number of acres in such Unit, and all working interests, royalty interests, overriding royalty interests, production payments or other interests in the production from such Unit shall be computed on the basis of the respective interests in the production allocated to the tract or tracts in which such interests are owned.

All parties owning an interest in the gas and gas rights in the Unit Acreage who execute this Unit Declaration or a counterpart thereof, or who ratify same, hereby adopt, ratify and confirm the creation of the Unit, and agree to the pooling of their respective interests herein and agree to all the terms and provisions hereof. As to any outstanding interests not herein committed to this Unit or which do not hereinafter become subject to the Unit, it is not intended that this Unit Declaration shall in any way affect interests or rights of the owners thereof. In the event any interest is judicially determined to have terminated, to have been pooled improperly, or is not otherwise committed to the Unit, the terminated or improperly pooled interest shall be deleted from the Unit. In the event it is determined that any of the Leases terminated prior to the effective date of the Unit, then the Unit shall be deemed to exclude such terminated Lease or Leases, but as between all other owners of pooled interests, there shall be no recalculation of interests in the Unit.

Owners reserve the continuing right to amend, correct or alter this instrument and the Unit to the extent permitted by the authority granted in the Leases, as now or hereafter amended, covering the Unit Acreage. Any such amendment, correction or alteration shall be in writing, signed by the parties hereto or their successors in interest or title, and filed for record in the Official Public Records of Real Property of the County where the Lands are located.

BLUE EAGLE ENERGY, LLC

By:

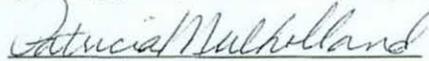


Kyle R. Miller

Title: President

STATE OF COLORADO §
§
COUNTY OF DENVER §

The foregoing instrument was acknowledged before me this 9 day of March, 2011, by Kyle R. Miller, President of Blue Eagle Energy, LLC, on behalf of said corporation.



Notary Public, State of Colorado

My Commission Expires: 10/13/2012



PATRICIA MULHOLLAND
Notary Public
State of Colorado

EXHIBIT "A"

MATEJEK GAS UNIT 1- Well No. 1
DeWitt County, Texas

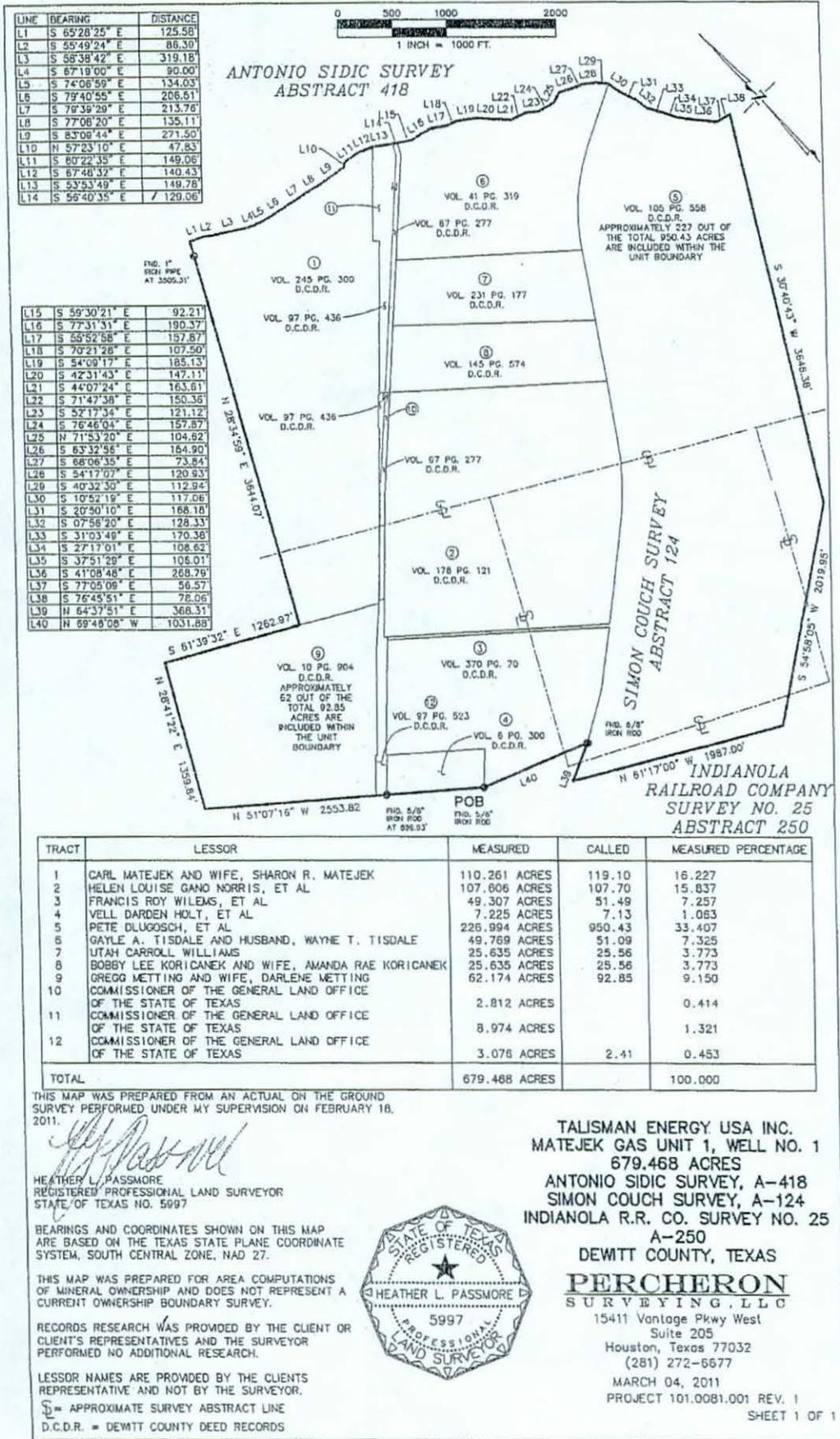
**OIL, GAS AND MINERAL LEASES
AS SAME MAY BE AMENDED, EXTENDED, OR RATIFIED**

Tract	Lessor	Lessee	Instrument	Date	County Clerk's Volume/ Page	Type of Instrument Recorded
1	Carl Matejek and Sharon R. Matejek, each dealing in their sole and separate property	Jeffrey Scot Deason d/b/a D. O. G. Interests	Oil, Gas and Mineral Lease	September 19, 2005	175/519 OPR	Oil, Gas and Mineral Lease
2	James Gano, Janet Gano and Helen Louise Gano Norris, each dealing in their respective separate property	Jeffrey Scot Deason d/b/a D. O. G. Interest	Oil, Gas and Mineral Lease	September 20, 2005	175/496 OPR	Oil, Gas and Mineral Lease
3 and 4	Marilyn Korth, by and through her Agent and Attorney-in-Fact, Joan Davis	Enduring Resources	Paid Up Oil and Gas Lease	December 21, 2010	338/152 OPR	Memorandum of Oil, Gas and Mineral Lease
3 and 4	Yvonne W. Kolterman, dealing in her sole and separate property	Trennon Resources	Paid Up Oil and, Gas Lease	December 27, 2007	254/570 OPR	Memorandum of Oil, Gas and Mineral Lease
3 and 4	Mary A. Davis, dealing in her sole and separate property	Enduring Resources, LLC	Oil, Gas and Mineral Lease	November 29, 2010	338/150 OPR	Memorandum of Oil, Gas and Mineral Lease
3 and 4	Diana R. Hall, dealing in her sole and separate property	Enduring Resources, LLC	Paid Up Oil and Gas Lease	November 29, 2010	333/344 OPR	Memorandum of Oil, Gas and Mineral Lease
3 and 4	Violet Heldt Gohlke, dealing in her sole and separate property	Trennon Resources	Oil, Gas and Mineral Lease	January 9, 2008	254/574 OPR	Memorandum of Oil, Gas and Mineral Lease
3 and 4	Eddie Heldt, dealing in his sole and separate property	Trennon Resources	Oil, Gas and Mineral Lease	January 7, 2008	254/578 OPR	Memorandum of Oil, Gas and Mineral Lease
3 and 4	Newton Borth, by and through his Agent and Attorney-in-Fact, Donna Cliffe	Talisman Statoil STBU, LLC by its Managing Member, Talisman Energy USA INC.	Oil, Gas and Mineral Lease	January 27, 2011	338/156 OPR	Memorandum of Oil, Gas and Mineral Lease
3 and 4	David M. Heldt, dealing in his sole and separate property	Enduring Resources, LLC	Paid Up Oil and Gas Lease	November 29, 2010	331/196 OPR	Memorandum of Oil, Gas and Mineral Lease
3 and 4	Grace E. Kelly, by and through her Agent and Attorney-in-Fact Cynthia Collins	Enduring Resources, LLC	Paid Up Oil and Gas Lease	December 1, 2010	338/154 OPR	Memorandum of Oil, Gas and Mineral Lease
3 and 4	Clinton E. Williams, dealing in his sole and separate property	Trennon Resources	Oil, Gas and Mineral Lease	January 9, 2008	254/580 OPR	Memorandum of Oil, Gas and Mineral Lease

3	Francis Roy Wilems, dealing in his sole and separate property	Trennon Resources	Oil, Gas and Mineral Lease	January 3, 2008	254/572 OPR	Memorandum of Oil, Gas and Mineral Lease
3 and 4	Donna Borth Schelper, also known as Donna Cliffe, dealing in her sole and separate property	Talisman Statoil STBU, LLC by its Managing Member, Talisman Energy USA INC.	Oil, Gas and Mineral Lease	January 27, 2011	338/158 OPR	Memorandum of Oil, Gas and Mineral Lease
4	Vell Darden Holt, dealing in his sole and separate property	Talisman Statoil STBU, LLC by its Managing Member, Talisman Energy USA INC.	Oil, Gas and Mineral Lease	January 27, 2011	338/162 OPR	Memorandum of Oil, Gas and Mineral Lease
5	Pete Dlugosch and wife, Patricia Dlugosch	Abraxas Petroleum Corporation	Paid-Up Oil and Gas Lease	August 26, 2009	294/799 OPR	Memorandum of Paid Up Oil and Gas Lease <i>Insofar and only insofar as to the Matejek Gas Unit No. 1</i>
5	Southland Ranches, Inc.	Abraxas Petroleum Corporation	Paid-Up Oil and Gas Lease	October 16, 2009	296/729 OPR	Memorandum of Paid Up Oil and Gas Lease <i>Insofar and only insofar as to the Matejek Gas Unit No. 1</i>
6	Wayne T. Tisdale and wife, Gayle A. Tisdale	Trinity Energy Services, L. L. C.	Oil, Gas and Mineral Lease	March 10, 2006	191/607 OPR	Oil, Gas and Mineral Lease
7	Utah Carroll Williams, as his sole and separate Property	Trinity Energy Services, L. L. C.	Oil, Gas and Mineral Lease	March 21, 2006	191/615 OPR	Oil, Gas and Mineral Lease
8	Bobby Lee Koricaneck and wife, Amanda Rae Koricaneck	Trinity Texas Energy Services, L. L. C.	Oil, Gas and Mineral Lease	April 28, 2009	287/741 OPR	Oil, Gas and Mineral Lease
9	Gregg Metting and wife Darlene Metting	Trinity Energy Services, L. L. C.	Oil, Gas and Mineral Lease	March 29, 2006	194/686 OPR	Oil, Gas and Mineral Lease <i>Insofar and only insofar as to the Matejek Gas Unit No. 1</i>
10	Comissioner of the General Land Office of the State of Texas		Paid-Up Oil and Gas Lease			
11	Comissioner of the General Land Office of the State of Texas		Paid-Up Oil and Gas Lease			
12	Comissioner of the General Land Office of the State of Texas		Paid-Up Oil and Gas Lease			

3-4-11

Exhibit "B"



LINE	BEARING	DISTANCE
L1	S 65°28'25\"	125.58'
L2	S 55°49'24\"	86.30'
L3	S 58°38'42\"	319.18'
L4	S 67°19'00\"	90.00'
L5	S 74°06'59\"	134.03'
L6	S 79°40'55\"	206.61'
L7	S 79°39'29\"	213.76'
L8	S 77°06'20\"	135.11'
L9	S 83°09'44\"	271.50'
L10	N 57°23'10\"	47.83'
L11	S 80°22'35\"	149.06'
L12	S 67°48'32\"	140.43'
L13	S 53°53'49\"	149.78'
L14	S 56°40'35\"	129.06'

L15	S 59°30'21\"	92.21'
L16	S 77°31'51\"	190.37'
L17	S 68°52'58\"	157.87'
L18	S 70°21'28\"	107.50'
L19	S 54°09'17\"	185.13'
L20	S 42°31'43\"	147.11'
L21	S 44°07'24\"	163.61'
L22	S 71°47'38\"	150.36'
L23	S 57°17'34\"	121.12'
L24	S 76°46'04\"	157.87'
L25	N 71°53'20\"	104.62'
L26	S 63°32'56\"	164.90'
L27	S 68°06'35\"	73.84'
L28	S 54°17'07\"	120.93'
L29	S 40°32'30\"	112.94'
L30	S 10°52'19\"	117.06'
L31	S 20°30'10\"	168.18'
L32	S 07°56'20\"	128.33'
L33	S 31°03'49\"	170.38'
L34	S 27°17'01\"	108.62'
L35	S 37°51'29\"	106.01'
L36	S 41°08'46\"	268.79'
L37	S 77°05'09\"	56.57'
L38	S 76°45'51\"	78.06'
L39	N 64°37'51\"	368.31'
L40	N 89°48'08\"	1031.88'

TRACT	LESSOR	MEASURED	CALLED	MEASURED PERCENTAGE
1	CARL MATEJEK AND WIFE, SHARON R. MATEJEK	110.261 ACRES	119.10	16.227
2	HELLEN LOUISE GANO NORRIS, ET AL	107.606 ACRES	107.70	15.837
3	FRANCIS ROY WILEMS, ET AL	49.307 ACRES	51.49	7.257
4	VELL DARDEN HOLT, ET AL	7.225 ACRES	7.13	1.083
5	PETE DLUGOSCH, ET AL	226.994 ACRES	950.43	33.407
6	GAYLE A. TISDALE AND HUSBAND, WAYNE T. TISDALE	49.769 ACRES	51.09	7.325
7	UTAH CARROLL WILLIAMS	25.635 ACRES	25.56	3.773
8	BOBBY LEE KORICANEK AND WIFE, AMANDA RAE KORICANEK	25.635 ACRES	25.56	3.773
9	GREGG METTING AND WIFE, DARLENE METTING	62.174 ACRES	92.85	9.150
10	COMMISSIONER OF THE GENERAL LAND OFFICE OF THE STATE OF TEXAS	2.812 ACRES		0.414
11	COMMISSIONER OF THE GENERAL LAND OFFICE OF THE STATE OF TEXAS	8.974 ACRES		1.321
12	COMMISSIONER OF THE GENERAL LAND OFFICE OF THE STATE OF TEXAS	3.076 ACRES	2.41	0.453
TOTAL		679.468 ACRES		100.000

THIS MAP WAS PREPARED FROM AN ACTUAL ON THE GROUND SURVEY PERFORMED UNDER MY SUPERVISION ON FEBRUARY 18, 2011.

Heather L. Passmore
 HEATHER L. PASSMORE
 REGISTERED PROFESSIONAL LAND SURVEYOR
 STATE OF TEXAS NO. 5997

BEARINGS AND COORDINATES SHOWN ON THIS MAP ARE BASED ON THE TEXAS STATE PLANE COORDINATE SYSTEM, SOUTH CENTRAL ZONE, NAD 27.

THIS MAP WAS PREPARED FOR AREA COMPUTATIONS OF MINERAL OWNERSHIP AND DOES NOT REPRESENT A CURRENT OWNERSHIP BOUNDARY SURVEY.

RECORDS RESEARCH WAS PROVIDED BY THE CLIENT OR CLIENT'S REPRESENTATIVES AND THE SURVEYOR PERFORMED NO ADDITIONAL RESEARCH.

LESSOR NAMES ARE PROVIDED BY THE CLIENTS REPRESENTATIVE AND NOT BY THE SURVEYOR.

S = APPROXIMATE SURVEY ABSTRACT LINE
 D.C.D.R. = DEWITT COUNTY DEED RECORDS



TALISMAN ENERGY USA INC.
 MATEJEK GAS UNIT 1, WELL NO. 1
 679.468 ACRES
 ANTONIO SIDIC SURVEY, A-418
 SIMON COUCH SURVEY, A-124
 INDIANOLA R.R. CO. SURVEY NO. 25

A-250
 DEWITT COUNTY, TEXAS
PERCHERON
 SURVEYING, L.L.C.

15411 Vantage Pkwy West
 Suite 205
 Houston, Texas 77032
 (281) 272-6677

MARCH 04, 2011
 PROJECT 101.0081.001 REV. 1

MATEJEK GAS UNIT NO. 1
DEWITT COUNTY, TEXAS

Description of a 679.468 acre tract located in the Antonio Sidic Survey, Abstract 418, the Simon Couch Survey, Abstract 124 and the Indianola Railroad Co. Survey No. 25, Abstract 250 DeWitt County, Texas and being out of the following tracts of land: the called 119.10 acre tract recorded under Volume 245, Page 300 of DeWitt County Deed Records, the called 107.70 acre tract recorded under Volume 178, Page 121 of DeWitt County Deed Records, the called 51.49 acre tract recorded under Volume 370, Page 70 of DeWitt County Deed Records, the called 7.13 acre tract recorded under Volume 6, Page 300 of DeWitt County Deed Records, the called 950.43 acre tract recorded under Volume 105, Page 558 of DeWitt County Deed Records, the called 51.09 acre tract recorded under Volume 41, Page 319 of DeWitt County Deed Records, the called 25.56 acre tract (Utah Carroll Williams) recorded under Volume 231, Page 177 of DeWitt County Deed Records, the called 25.56 acre tract (Bobby Lee Koricane) recorded under Volume 145, Page 574 of DeWitt County Deed Records, the called 92.85 acre tract recorded under Volume 10, Page 904 of DeWitt County Deed Records, the called 2.772 acre tract recorded under Volume 67, Page 277 of DeWitt County Deed Records, the called 7.49 acre tract recorded under Volume 97, Page 436 of DeWitt County Deed Records and the called 2.41 acre tract recorded under Volume 97, Page 523 of DeWitt County Deed Records, and described more particularly as follows:

BEGINNING at a found 5/8" iron rod at the south corner of said 7.13 acre tract;

THENCE North 51 Degrees 07 Minutes 16 Seconds West, along the southwest line of said 7.13 acre tract, at 896.63 feet passing a found 5/8" iron rod at the west corner of said 7.13 acre tract, continuing for a total distance of 2553.82 feet to a point for corner in the northwest line of said 92.85 acre tract;

THENCE North 28 Degrees 41 Minutes 22 Seconds East, along the northwest line of said 92.85 acre tract, a distance of 1359.84 feet to the north corner of said 92.85 acre tract;

THENCE South 61 Degrees 39 Minutes 32 Seconds East, along the northeast line of said 92.85 acre tract, a distance of 1262.97 feet the west corner of said 119.10 acre tract;

THENCE North 28 Degrees 34 Minutes 59 Seconds East, along the northwest line of said 119.10 acre tract, at 3505.31 feet passing a 1" iron pipe, continuing for a total distance of 3644.07 feet to the north corner of said 119.10 acre tract in the center line of Colletto Creek;

THENCE the following 38 bearing and distances along the center line of said Colletto creek, and the northeast lines of said 119.10 acre tract, the 51.49 acre tract and the 950.43 acre tract;

THENCE South 65 Degrees 28 Minutes 25 Seconds East, a distance of 125.58 feet to a point for corner;

THENCE South 55 Degrees 49 Minutes 24 Seconds East, a distance of 86.39 feet to a point for corner;

THENCE South 58 Degrees 38 Minutes 42 Seconds East, a distance of 319.18 feet to a point for corner;

THENCE South 67 Degrees 19 Minutes 00 Seconds East, a distance of 90.00 feet to a point for corner;

THENCE South 74 Degrees 06 Minutes 59 Seconds East, a distance of 134.03 feet to a point for corner;

THENCE South 79 Degrees 40 Minutes 55 Seconds East, a distance of 206.51 feet to a point for corner;

THENCE South 63 Degrees 32 Minutes 56 Seconds East, a distance of 154.90 feet to a point for corner;

THENCE South 68 Degrees 06 Minutes 35 Seconds East, a distance of 73.84 feet to a point for corner;

THENCE South 54 Degrees 17 Minutes 07 Seconds East, a distance of 120.93 feet to a point for corner;

THENCE South 40 Degrees 32 Minutes 30 Seconds East, a distance of 112.94 feet to a point for corner;

THENCE South 10 Degrees 52 Minutes 19 Seconds East, a distance of 117.06 feet to a point for corner;

THENCE South 20 Degrees 50 Minutes 10 Seconds East, a distance of 168.18 feet to a point for corner;

THENCE South 07 Degrees 56 Minutes 20 Seconds East, a distance of 128.33 feet to a point for corner;

THENCE South 31 Degrees 03 Minutes 49 Seconds East, a distance of 170.38 feet to a point for corner;

THENCE South 27 Degrees 17 Minutes 01 Seconds East, a distance of 108.62 feet to a point for corner;

THENCE South 37 Degrees 51 Minutes 29 Seconds East, a distance of 106.01 feet to a point for corner;

THENCE South 41 Degrees 08 Minutes 48 Seconds East, a distance of 268.79 feet to a point for corner;

THENCE South 77 Degrees 05 Minutes 09 Seconds East, a distance of 56.57 feet to a point for corner;

THENCE South 76 Degrees 45 Minutes 51 Seconds East, a distance of 78.06 feet to a point for corner in the east line of said 950.43 acre tract;

THENCE South 30 Degrees 40 Minutes 43 Seconds West, a distance of 3646.38 feet to a point for corner;

THENCE South 54 Degrees 58 Minutes 05 Seconds West, a distance of 2019.95 feet to a point for corner;

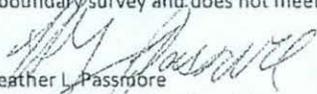
THENCE North 61 Degrees 17 Minutes 00 Seconds West, a distance of 1987.00 feet to a point for corner in the west line of said 950.43 acre tract;

THENCE North 64 Degrees 37 Minutes 51 Seconds East, along the west line of said 950.43 acre tract, a distance of 368.31 feet to a 5/8" iron rod found at the south corner of said 51.49 acre tract;

THENCE North 69 Degrees 46 Minutes 08 Seconds West, along the southeast line of said 51.49 acre tract, a distance of 1031.88 feet to the POINT OF BEGINNING of the herein described tract.

Bearings are based on the Texas State Plane Coordinate System South Central Zone.

This description was created to show mineral ownership. This description is not intended to represent a boundary survey and does not meet the requirements for boundary surveys in the State of Texas.


Heather L. Passmore
Registered Professional Land Surveyor
State of Texas No. 5997

March 4, 2011
Job No. 101.0081.001



74881

Filed for Record
This, the 10th day of Mar, 2011
at 2:40 o'clock P M
NATALIE CARSON, COUNTY CLERK OF
Pam Schoeneberg
DeWitt County, Texas
DEPUTY
Return: Pam Schoeneberg
PO Box 849
Hallettsville, TX 77964

Page 4 of 4

STATE OF TEXAS
COUNTY OF DEWITT
I hereby certify that this instrument was filed on the
date & time stamped hereon by me & was duly recorded
in the Volume & Page of the Official Public Records of
DeWitt Co. Texas.



Date MAR 10 2011
NATALIE CARSON, COUNTY CLERK
BY Pam Schoeneberg
Vol. 341 Page 51-61

DIVISION ORDER

PA 12-04
Unit # 5279

To: **Talisman Energy USA Inc.**
50 Pennwood Place
Warrendale, PA 15086

Date: November 16, 2011

Property Number: WL145202

Effective Date: June 19, 2011

Property Name: Matejek GU 1-1

Operator: **Talisman Energy USA Inc.**

County and State: Karnes County, TX

Property Description: Matejek Gas Unit No. 1 Well No.1 – 679.477 Acres, DeWitt County, Texas

Production: Oil Gas Other

Owner Name and Address: Commissioner of the General Land Office of the State of Texas 1700 N. Congress Ave. Stephen F. Austin Building Austin, TX 78701	Owner Number: 13534904 Type of Interest: RI Decimal Interest: .00547148
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The undersigned certifies the ownership of their decimal interest in production or proceeds as described above payable by **Talisman Energy USA Inc.** (Payor).

Payor shall be notified, in writing, of any change in ownership, decimal interest, or payment address. All such changes shall be effective the first day of the month following receipt of such notice.

Payor is authorized to withhold payment pending resolution of a title dispute or adverse claim asserted regarding the interest in production claimed herein by the undersigned. The undersigned agrees to indemnify and reimburse Payor any amount attributable to an interest to which the undersigned is not entitled.

Payor may accrue proceeds until the total amount equals \$25.00, or pay annually an amount of \$25.00 or greater, whichever occurs first, or as required by applicable state statute.

This Division Order does not amend any lease or operating agreement between the undersigned and the lessee or operator or any other contracts for the purchase of oil or gas.

In addition to the terms and conditions of this Division Order, the undersigned and Payor may have certain statutory rights under the laws of the state in which the property is located.

Special Clauses: *(None or See Attached Exhibit)*

Owner(s) Signature(s): _____

Owner(s) Tax I.D. Number(s): _____

Owner Daytime Telephone _____

Owner FAX Telephone #: _____

Federal Law requires you to furnish your Social Security or Taxpayer Identification Number. Failure to comply will result in 28% tax withholding and will not be refundable by Payor

Sign and return this original

81999

PA 12-04
Unit # 5279

AMENDMENT TO THE DESIGNATION OF GAS UNIT
TALISMAN ENERGY USA INC. - MATEJEK GAS UNIT NO. 1 - WELL NO. 1

STATE OF TEXAS §
 §
COUNTY OF DEWITT §

By Designation of Pooled Unit dated March 7, 2011, but effective the date of first production, recorded in Volume 341, Page 51 of the Official Public Records, DeWitt County, Texas, Talisman Statoil STBU, LLC, whose mailing address is 4 Waterway Square, Suite 600, The Woodlands, TX 77380 and Statoil Texas Onshore Properties LLC, whose address is 2103 City West Blvd., Suite 800, Houston, TX 77042, established a 679.468 acre pooled unit identified as the Talisman Statoil STBU, LLC -Matejek Gas Unit No. 1-Well No. 1 (the "Unit") encompassing those lands in the county and state named above, described in Exhibit "B" to the Designation of Pooled Unit. The lands included in the Unit are subject to the oil and gas leases (the "Leases") described in Exhibit "A" to the Designation of Pooled Unit, and Exhibit "A" of this Amendment to Pooled Unit.

Whereas the acreage for Unit Tract 10 was erroneously listed as 2.812 acres instead of the correct 2.821 acres thus listing the total unit acreage as 679.468 acres, and;

Whereas by Affidavit of Mergers, filed in Volume 362, Page 748 of the Official Public Records, DeWitt County, Texas, Talisman Statoil STBU has vested their interest into Talisman Energy USA Inc. and Statoil Texas Onshore Properties LLC.

Now therefore, said operator desires to amend the Designation of Pooled Unit, as permitted by the terms of the Leases included in the Unit, so as to include an additional leases covering tract 10, 11, and 12 in Exhibit "A" and Exhibit "B" and to correct the acreage for Unit Tract 10 from 2.812 acres to 2.821 acres and correcting the total acreage to the unit from 679.468 acres to 679.477 acres.

Pursuant to the authority granted, the Unit, as originally established by the Designation of Gas Unit described above, is hereby amended so that from and after the Effective Date the Leases, as described in Exhibit "A" to this Amendment, are pooled and unitized insofar as they cover the lands subject to the Leases.

Operator reserves the right to further amend the Unit, and the lands included in it, from time to time.

This instrument may be executed in counterparts, and each such counterpart shall have the same force and effect as an original instrument, the same as if all parties to the aggregate counterparts had executed the same instrument. It shall not be necessary that each party sign the same counterpart of this instrument, only that each party signs at least one (1) counterpart. Each of the executed counterparts of this instrument or portions thereof may be placed together so as to form one (1) document, and all taken together shall constitute one (1) instrument. However, should all parties to this Unit Declaration not execute this instrument or a counterpart thereof, it shall nevertheless be binding and effective as to those parties who execute same. The use of facsimile transmitted signatures and acknowledgments shall be deemed to be original signatures and original acknowledgments for all purposes. For recording purposes the Owners may combine the pages containing the signatures and acknowledgments of the parties to this Designation of Production Acreage with the body and text of one counterpart hereof.

IN WITNESS THEREOF, this Amendment is executed on this 22nd day of September 2011, but effective for all purposes the date of first production.

TALISMAN ENERGY USA INC.

By: Mark J. Goss KSM
Name: Mark J. Goss
Title: Land Manager - Eagle Ford Shale

STATE OF TEXAS

COUNTY OF MONTGOMERY

§
§
§

This instrument was acknowledged before me on this _____ day of _____, 2011, by Mark J. Goss, Land Manager – Eagle Ford Shale, on behalf of Talisman Energy USA Inc.

Notary Public for the State of Texas
Commission expires on: _____

STATOIL TEXAS ONSHORE PROPERTIES LLC

By: _____
Name: _____
Title: _____

STATE OF TEXAS

COUNTY OF _____

§
§
§

This instrument was acknowledged before me on this _____ day of _____, 2011, by _____ as _____ on behalf of Statoil Texas Onshore Properties LLC.

Notary Public for the State of Texas
Commission expires on: _____

WHITING OIL AND GAS CORPORATION

By: *David M. Seery*
Name: David M. Seery
Title: Vice President

STATE OF COLORADO

COUNTY OF DENVER

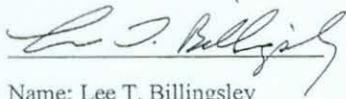
§
§
§

This instrument was acknowledged before me on this 22nd day of September, 2011, by David M. Seery, Vice President of Whiting Oil & Gas Corporation, on behalf of said corporation.



Vicki L. Metz
Notary Public for the State of Colorado
Commission expires on: 4/15/2012

BLUE EAGLE ENERGY, LLC

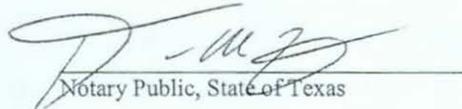


Name: Lee T. Billingsley

Title: Vice President

STATE OF TEXAS §
 §
COUNTY OF BEXAR §

This instrument was acknowledged before me on the 19th day of October, 2011, by Lee T. Billingsley, as Vice President of Blue Eagle Energy, LLC, a Delaware limited liability company, on behalf of said company.



Notary Public, State of Texas

EXHIBIT "A"

MATEJEK GAS UNIT 1- Well No. 1
DeWitt County, Texas

OIL, GAS AND MINERAL LEASES
AS SAME MAY BE AMENDED, EXTENDED, OR RATIFIED

Tract	Lessor	Lessee	Instrument	Date	County Clerk's Volume/ Page	Type of Instrument Recorded
1	Carl Matejek and Sharon R. Matejek, each dealing in their sole and separate property	Jeffrey Scot Deason d/b/a D. O. G. Interests	Oil, Gas and Mineral Lease	September 19, 2005	175/519 OPR	Oil, Gas and Mineral Lease
2	James Gano, Janet Gano and Helen Louise Gano Norris, each dealing in their respective separate property	Jeffrey Scot Deason d/b/a D. O. G. Interest	Oil, Gas and Mineral Lease	September 20, 2005	175/496 OPR	Oil, Gas and Mineral Lease
3 and 4	Marilyn Korth, by and through her Agent and Attorney -in-Fact , Joan Davis	Enduring Resources	Paid Up Oil and Gas Lease	December 21, 2010	338/152 OPR	Memorandum of Oil, Gas and Mineral Lease
3 and 4	Yvonne W. Kolterman, dealing in her sole and separate property	Trennon Resources	Paid Up Oil and, Gas Lease	December 27, 2007	254/570 OPR	Memorandum of Oil, Gas and Mineral Lease
3 and 4	Mary A. Davis, dealing in her sole and separate property	Enduring Resources, LLC	Oil, Gas and Mineral Lease	November 29, 2010	338/150 OPR	Memorandum of Oil, Gas and Mineral Lease
3 and 4	Diana R. Hall, dealing in her sole and separate property	Enduring Resources, LLC	Paid Up Oil and Gas Lease	November 29, 2010	333/344 OPR	Memorandum of Oil, Gas and Mineral Lease
3 and 4	Violet Heldt Gohlke, dealing in her sole and separate property	Trennon Resources	Oil, Gas and Mineral Lease	January 9, 2008	254/574 OPR	Memorandum of Oil, Gas and Mineral Lease
3 and 4	Eddie Heldt, dealing in his sole and separate property	Trennon Resources	Oil, Gas and Mineral Lease	January 7, 2008	254/578 OPR	Memorandum of Oil, Gas and Mineral Lease
3 and 4	Newton Borth, by and through his Agent and Attorney-in-Fact, Donna Cliffe	Talisman Statoil STBU, LLC by its Managing Member, Talisman Energy USA INC.	Oil, Gas and Mineral Lease	January 27, 2011	338/156 OPR	Memorandum of Oil, Gas and Mineral Lease

3 and 4	David M. Heldt, dealing in his sole and separate property	Enduring Resources, LLC	Paid Up Oil and Gas Lease	November 29, 2010	331/196 OPR	Memorandum of Oil, Gas and Mineral Lease
3 and 4	Grace E. Kelly, by and through her Agent and Attorney-in-Fact Cynthia Collins	Enduring Resources, LLC	Paid Up Oil and Gas Lease	December 1, 2010	338/154 OPR	Memorandum of Oil, Gas and Mineral Lease
3 and 4	Clinton E. Williams, dealing in his sole and separate property	Trennon Resources	Oil, Gas and Mineral Lease	January 9, 2008	254/580 OPR	Memorandum of Oil, Gas and Mineral Lease
3	Francis Roy Wilems, dealing in his sole and separate property	Trennon Resources	Oil, Gas and Mineral Lease	January 3, 2008	254/572 OPR	Memorandum of Oil, Gas and Mineral Lease
3 and 4	Donna Borth Schelper, also known as Donna Cliffe, dealing in her sole and separate property	Talisman Statoil STBU, LLC by its Managing Member, Talisman Energy USA INC.	Oil, Gas and Mineral Lease	January 27, 2011	338/158 OPR	Memorandum of Oil, Gas and Mineral Lease
4	Vell Darden Holt, dealing in his sole and separate property	Talisman Statoil STBU, LLC by its Managing Member, Talisman Energy USA INC.	Oil, Gas and Mineral Lease	January 27, 2011	338/162 OPR	Memorandum of Oil, Gas and Mineral Lease
5	Pete Dlugosch and wife, Patricia Dlugosch	Abraxas Petroleum Corporation	Paid-Up Oil and Gas Lease	August 26, 2009	294/799 OPR	Memorandum of Paid Up Oil and Gas Lease <i>Insofar and only insofar as to the Matejek Gas Unit No. 1</i>
5	Southland Ranches, Inc.	Abraxas Petroleum Corporation	Paid-Up Oil and Gas Lease	October 16, 2009	296/729 OPR	Memorandum of Paid Up Oil and Gas Lease <i>Insofar and only insofar as to the Matejek Gas Unit No. 1</i>
6	Wayne T. Tisdale and wife, Gayle A. Tisdale	Trinity Energy Services, L. L. C.	Oil, Gas and Mineral Lease	March 10, 2006	191/607 OPR	Oil, Gas and Mineral Lease
7	Utah Carroll Williams, as his sole and separate Property	Trinity Energy Services, L. L. C.	Oil, Gas and Mineral Lease	March 21, 2006	191/615 OPR	Oil, Gas and Mineral Lease
8	Bobby Lee Koricane and wife, Amanda Rae Koricane	Trinity Texas Energy Services, L. L. C.	Oil, Gas and Mineral Lease	April 28, 2009	287/741 OPR	Oil, Gas and Mineral Lease
9	Gregg Metting and wife Darlene Metting	Trinity Energy Services, L. L. C.	Oil, Gas and Mineral Lease	March 29, 2006	194/686 OPR	Oil, Gas and Mineral Lease <i>Insofar and only insofar as to the Matejek Gas Unit No. 1</i>
10	Commissioner of the General Land Office of the State of Texas	Enduring Resources, LLC	Paid-Up Oil and Gas Lease	March 1, 2011	344/130 OPR	Paid-Up Oil and Gas Lease MF 112076

11	Comissioner of the General Land Office of the State of Texas	Talisman Energy USA, Inc. and Statoil Texas Onshore Properties, LLC	Paid-Up Oil and Gas Lease	July 19, 2011	367/245 OPR	Paid-Up Oil and Gas Lease MF 112872
12	Comissioner of the General Land Office of the State of Texas	Talisman Energy USA, Inc. and Statoil Texas Onshore Properties, LLC	Paid-Up Oil and Gas Lease	July 19, 2011	367/253 OPR	Paid-Up Oil and Gas Lease MF 112874

MATEJEK GAS UNIT NO. 1
DEWITT COUNTY, TEXAS

Description of a 679.477 acre tract located in the Antonio Sidic Survey, Abstract 418, the Simon Couch Survey, Abstract 124 and the Indianola Railroad Co. Survey No. 25, Abstract 250 DeWitt County, Texas and being out of the following tracts of land: the called 119.10 acre tract recorded under Volume 245, Page 300 of DeWitt County Deed Records, the called 107.70 acre tract recorded under Volume 178, Page 121 of DeWitt County Deed Records, the called 51.49 acre tract recorded under Volume 370, Page 70 of DeWitt County Deed Records, the called 7.13 acre tract recorded under Volume 6, Page 300 of DeWitt County Deed Records, the called 950.43 acre tract recorded under Volume 105, Page 558 of DeWitt County Deed Records, the called 51.09 acre tract recorded under Volume 41, Page 319 of DeWitt County Deed Records, the called 25.56 acre tract (Utah Carroll Williams) recorded under Volume 231, Page 177 of DeWitt County Deed Records, the called 25.56 acre tract (Bobby Lee Koricane) recorded under Volume 145, Page 574 of DeWitt County Deed Records, the called 92.85 acre tract recorded under Volume 10, Page 904 of DeWitt County Deed Records, the called 2.772 acre tract recorded under Volume 67, Page 277 of DeWitt County Deed Records, the called 7.49 acre tract recorded under Volume 97, Page 436 of DeWitt County Deed Records and the called 2.41 acre tract recorded under Volume 97, Page 523 of DeWitt County Deed Records, and described more particularly as follows:

BEGINNING at a found 5/8" iron rod at the south corner of said 7.13 acre tract;

THENCE North 51 Degrees 07 Minutes 16 Seconds West, along the southwest line of said 7.13 acre tract, at 896.63 feet passing a found 5/8" iron rod at the west corner of said 7.13 acre tract, continuing for a total distance of 2553.82 feet to a point for corner in the northwest line of said 92.85 acre tract;

THENCE North 28 Degrees 41 Minutes 22 Seconds East, along the northwest line of said 92.85 acre tract, a distance of 1359.84 feet to the north corner of said 92.85 acre tract;

THENCE South 61 Degrees 39 Minutes 32 Seconds East, along the northeast line of said 92.85 acre tract, a distance of 1262.97 feet the west corner of said 119.10 acre tract;

THENCE North 28 Degrees 34 Minutes 59 Seconds East, along the northwest line of said 119.10 acre tract, at 3505.31 feet passing a 1" iron pipe, continuing for a total distance of 3644.07 feet to the north corner of said 119.10 acre tract in the center line of Colletto Creek;

THENCE the following 38 bearing and distances along the center line of said Colletto creek, and the northeast lines of said 119.10 acre tract, the 51.49 acre tract and the 950.43 acre tract;

THENCE South 65 Degrees 28 Minutes 25 Seconds East, a distance of 125.58 feet to a point for corner;

THENCE South 55 Degrees 49 Minutes 24 Seconds East, a distance of 86.39 feet to a point for corner;

THENCE South 58 Degrees 38 Minutes 42 Seconds East, a distance of 319.18 feet to a point for corner;

THENCE South 67 Degrees 19 Minutes 00 Seconds East, a distance of 90.00 feet to a point for corner;

THENCE South 74 Degrees 06 Minutes 59 Seconds East, a distance of 134.03 feet to a point for corner;

THENCE South 79 Degrees 40 Minutes 55 Seconds East, a distance of 206.51 feet to a point for corner;

THENCE South 79 Degrees 39 Minutes 29 Seconds East, a distance of 213.76 feet to a point for corner;

THENCE South 77 Degrees 08 Minutes 20 Seconds East, a distance of 135.11 feet to a point for corner;

THENCE South 83 Degrees 09 Minutes 44 Seconds East, a distance of 271.50 feet to a point for corner;

THENCE North 57 Degrees 23 Minutes 10 Seconds East, a distance of 47.83 feet to a point for corner;

THENCE South 80 Degrees 22 Minutes 35 Seconds East, a distance of 149.06 feet to a point for corner;

THENCE South 67 Degrees 48 Minutes 32 Seconds East, a distance of 140.43 feet to a point for corner;

THENCE South 53 Degrees 53 Minutes 49 Seconds East, a distance of 149.78 feet to a point for corner;

THENCE South 56 Degrees 40 Minutes 35 Seconds East, a distance of 129.06 feet to a point for corner;

THENCE South 59 Degrees 30 Minutes 21 Seconds East, a distance of 92.21 feet to a point for corner;

THENCE South 77 Degrees 31 Minutes 31 Seconds East, a distance of 190.37 feet to a point for corner;

THENCE South 55 Degrees 52 Minutes 58 Seconds East, a distance of 157.87 feet to a point for corner;

THENCE South 70 Degrees 21 Minutes 28 Seconds East, a distance of 107.50 feet to a point for corner;

THENCE South 54 Degrees 09 Minutes 17 Seconds East, a distance of 185.13 feet to a point for corner;

THENCE South 42 Degrees 31 Minutes 43 Seconds East, a distance of 147.11 feet to a point for corner;

THENCE South 44 Degrees 07 Minutes 24 Seconds East, a distance of 163.61 feet to a point for corner;

THENCE South 71 Degrees 47 Minutes 38 Seconds East, a distance of 150.36 feet to a point for corner;

THENCE South 52 Degrees 17 Minutes 34 Seconds East, a distance of 121.12 feet to a point for corner;

THENCE South 76 Degrees 46 Minutes 04 Seconds East, a distance of 157.87 feet to a point for corner;

THENCE North 71 Degrees 53 Minutes 20 Seconds East, a distance of 104.62 feet to a point for corner;

THENCE South 63 Degrees 32 Minutes 56 Seconds East, a distance of 154.90 feet to a point for corner;

THENCE South 68 Degrees 06 Minutes 35 Seconds East, a distance of 73.84 feet to a point for corner;

THENCE South 54 Degrees 17 Minutes 07 Seconds East, a distance of 120.93 feet to a point for corner;

THENCE South 40 Degrees 32 Minutes 30 Seconds East, a distance of 112.94 feet to a point for corner;

THENCE South 10 Degrees 52 Minutes 19 Seconds East, a distance of 117.06 feet to a point for corner;

THENCE South 20 Degrees 50 Minutes 10 Seconds East, a distance of 168.18 feet to a point for corner;

THENCE South 07 Degrees 56 Minutes 20 Seconds East, a distance of 128.33 feet to a point for corner;

THENCE South 31 Degrees 03 Minutes 49 Seconds East, a distance of 170.38 feet to a point for corner;

THENCE South 27 Degrees 17 Minutes 01 Seconds East, a distance of 108.62 feet to a point for corner;

THENCE South 37 Degrees 51 Minutes 29 Seconds East, a distance of 106.01 feet to a point for corner;

THENCE South 41 Degrees 08 Minutes 48 Seconds East, a distance of 268.79 feet to a point for corner;

THENCE South 77 Degrees 05 Minutes 09 Seconds East, a distance of 56.57 feet to a point for corner;

THENCE South 76 Degrees 45 Minutes 51 Seconds East, a distance of 78.06 feet to a point for corner in the east line of said 950.43 acre tract;

THENCE South 30 Degrees 40 Minutes 43 Seconds West, a distance of 3646.38 feet to a point for corner;

THENCE South 54 Degrees 58 Minutes 05 Seconds West, a distance of 2019.95 feet to a point for corner;

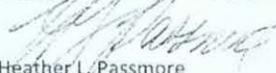
THENCE North 61 Degrees 17 Minutes 00 Seconds West, a distance of 1987.00 feet to a point for corner in the west line of said 950.43 acre tract;

THENCE North 64 Degrees 37 Minutes 51 Seconds East, along the west line of said 950.43 acre tract, a distance of 368.31 feet to a 5/8" iron rod found at the south corner of said 51.49 acre tract;

THENCE North 69 Degrees 46 Minutes 08 Seconds West, along the southeast line of said 51.49 acre tract, a distance of 1031.88 feet to the POINT OF BEGINNING of the herein described tract.

Bearings are based on the Texas State Plane Coordinate System South Central Zone.

This description was created to show mineral ownership. This description is not intended to represent a boundary survey and does not meet the requirements for boundary surveys in the State of Texas.


Heather L. Passmore
Registered Professional Land Surveyor
State of Texas No. 5997



August 30, 2011
Job No. 101.0081.001 Rev. 2

81999

Filed for Record

This, the 30 day of Nov, 2011
at 11:55 o'clock a M

NATALIE CARSON, COUNTY CLERK OF

DeWitt County, Texas

DEPUTY

**STATE OF TEXAS
COUNTY OF DEWITT**

I hereby certify that this instrument was filed on the date & time stamped hereon by me & was duly recorded in the Volume & Page of the Official Public Records of DeWitt Co. Texas.

Date NOV 03 2011

NATALIE CARSON, COUNTY CLERK

BY Natalie Carson
Vol. 385 Page 177-188



From: "Patrick Fawbush" <pfawbush@ogmland.com>
To: "Amanda Miranda" <amiranda@ogmland.com>, "Kathy Denzer" <kdenzer@talisma...>
CC: "Larry Kocurek" <lkocurek@ogmland.com>, "Amber Jansky" <ajansky@ogmland...>
Date: 11/25/2011 12:02 PM
Subject: Recorded Amendment to Matejek Unit Designation
Attachments: Recorded Amended Matejek Unit Designation.pdf

Beverly,

Per Section 4c of HROW Lease # MF 112076, MF 112872 and MF 112874, attached for your records is the Amendment to the Matejek Gas Unit which pools in the above mentioned leases. Be advised that the State's unit participation for the tracts will be as follows:

MF 112076 = 2.821 acres/679.477 acres X .25 royalty = .001037931
MF 112872 = 8.974 acres/679.477 acres X .25 royalty = .003301804
MF 112874 = 3.076 acres/679.477 acres X .25 royalty = .001131753

T₁₀
T₁₁
T₁₂

As always, let me know if there is anything else either you or the General Land Office need regarding the above listed leases. Thanks,

Pat Fawbush, RPL
361-798-3161 office
361-772-8556 cell

679.477 Total
unit ac

File No. MF 112076
#5279 Matejek Gas unit
NO 1 Designation
Date Filed: 1/27/12
Jerry E. Patterson, Commissioner
By REW

Tracking No.: 47584

Status: Submitted

RAILROAD COMMISSION OF TEXAS

This facsimile G-1 was generated electronically from data submitted to the RRC.

Oil and Gas Division

API No. 42- 123-32413

7. RRC District No.

02

8. RRC Gas ID No.

**Gas Well Back Pressure Test,
Completion or Recompletion Report, and Log**

1. FIELD NAME (as per RRC Records or Wildcat) SUGARKANE (EAGLE FORD)		2. LEASE NAME MATEJEK GAS UNIT 1		9. Well No. 1	
3. OPERATOR'S NAME (Exactly as shown on Form P-5, Organization Report) TALISMAN ENERGY USA INC.			RRC Operator No. 835506		10. County of well site DE WITT
4. ADDRESS 4 WATERWAY SQUARE PLACE STE 600 THE WOODLANDS, TX 77380-0000					
5. Location (Section, Block, and Survey) SIDIC, A, A-418			5b. Distance and direction to nearest town in this county. 2.6 MILES NE OF NORDHEIM		
6. If operator has changed within last 60 days, name former operator					
11. Purpose of filing					
Initial Potential <input checked="" type="checkbox"/>					
Retest <input type="checkbox"/>					
Reclass <input type="checkbox"/>					
Well record only (Explain in remarks) <input type="checkbox"/>					
12. If workover or reclass, give former field (with reservoir) & Gas ID or oil lease no. FIELD & RESERVOIR N/A				GAS ID or OIL LEASE #	Oil-0 Gas-G
Well #					

13. Pipe Line Connection
TALISMAN ENERGY USA INC.

14. Completion or recompletion date
04/22/2011

15. Any condensate on hand at time of workover or recompletion? Yes No

16. Type of Electric or other Log Run.
None

Section I GAS MEASUREMENT DATA

Date of Test 05/06/2012		Gas Measurement Method (Check One) Orifice Meter <input checked="" type="checkbox"/> Flange Taps <input checked="" type="checkbox"/> Pipe Taps <input type="checkbox"/> Positive Choke <input type="checkbox"/> Orifice Vent Meter <input type="checkbox"/> Pitot Tube <input type="checkbox"/> Critical-flow Prover <input type="checkbox"/>						Gas produced during test 8628 MCF		
Run Size	Line Size	Orif. or Choke Size	24 hr Coeff. Orif. or Choke	Static Pm or Choke Press	Diff h _w	Flow Temp. °F	Temp. Factor F _{tf}	Gravity Factor F _g	Compress Factor F _{pv}	Volume MCF/DAY
1	3.068	0.875	4833.17	1195.0	296.39	91.0	0.9714	0.9245	1.1135	2876.0
2										
3										
4										

Section II FIELD DATA AND PRESSURE CALCULATIONS

Gravity (Dry Gas) 0.702		Gravity Liquid Hydrocarbon 62.3 Deg. API		Gas-Liquid Hydro Ratio 39669 CF/Bbl		Gravity of Mixture $G_{mix} = 0.764$		Avg. Shut-in Temp. 220.0 °F		Bottom Hole Temp. 367.0 °F @ 13961.0 (Depth)	
$D_{eff}^{-8/3} =$		$\sqrt{T_f} = \sqrt{\quad} =$		$\sqrt{GL} = \sqrt{\quad} =$		$C = \frac{1118x(D_{eff})^{8/3}}{\sqrt{T}} =$		$\frac{\sqrt{GL}}{C} =$		$\frac{\sqrt{GL}}{C} =$	
Run No.	Time of Run Min	Choke Size	Wellhead Press. PSIA P _w	Wellhead Flow Temp °F	P _w ² (Thousands)	R	R ² (Thousands)	P ₁	P _w / P ₁		
Shut-in	1440	SI	7594	74.0							
1	4320	13	2455	129.0							
2											
3											
4											
Run No.	F	K	S = $\frac{1}{Z}$	E ^{ks}	P _f and P _s	P _f ² and P _s ² (Thousands)	P _f ² - P _s ² (Thousands)	Angle of Slope			
Shut-in						9487.0		θ			
1								n			
2								Absolute Open Flow			
3								MCF/DAY			
4											

WELL TESTERS CERTIFICATION: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I conducted or supervised this test and that data and facts shown in Sections I and II above are true, correct, and complete, to the best of my knowledge. Bottomhole temperature and the diameter and length of flow string were furnished by the operator of the well.

JOEL MORRIS

Signature: Well Tester

FESCO, LTD.

Name of Company

RRC Representative

OPERATORS CERTIFICATION: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this report, that I or prepared supervised and directed this report, and that data and facts stated therein are true, correct, and complete, to the best of my knowledge.

TALISMAN ENERGY USA INC.

Stephanie Brassovan

Signature: Operator's representative

Title

06/21/2012

Date

Tel: (281) 663-3712

A/C Number

SECTION III		DATA ON WELL COMPLETION AND LOG (Not Required on Retest)						
17. Type of Completion New Well <input checked="" type="checkbox"/> Deepening <input type="checkbox"/> Plug Back <input type="checkbox"/> Other <input type="checkbox"/>				18. Permit to Drill, Plug Back or Deepen DATE 03/02/2011 Rule 37 Exception		PERMIT NO. 711030 CASE NO.		
19. Notice of Intention to Drill this well was filed in Name of TALISMAN ENERGY USA INC.				Water Injection Permit		PERMIT NO.		
20. Number of producing wells on this lease in this field (reservoir) including this well 1		21. Total number of acres in this lease 679.468		Salt Water Disposal Permit		PERMIT NO.		
22. Date Plug Back, Deepening, Workover or Drilling Operations: Commenced 03/09/2011 Completed 04/22/2011		23. Distance to nearest well, Same Lease & Reservoir 0.0		Other		PERMIT NO.		
24. Location of well, relative to nearest lease boundaries			103.6	Feet From NW	Line and 1467.0	Feet from Lease		
			SW	Line of the	MATEJEK GAS UNIT 1			
25. Elevation (DF, RKB, RT, GR ETC.) 307 GL			26. Was directional survey made other than inclination (Form W-12)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					
27. Top of Pay 13742 MD:13900	28. Total Depth 14190 MD:17865	29. P. B. Depth 0 MD:0	30. Surface Casing Determined by	Field Rules <input type="checkbox"/>	Recommendation of T.D.W.R. Railroad Commission (Special) <input type="checkbox"/>	Dt. of Letter 03/03/2011		
31. Is well multiple completion? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No								
32. If multiple completion, list all reservoir names (completions in this well) and Oil Lease or Gas ID No. FIELD & RESERVOIR				GAS ID or OIL LEASE #	Oil-G Gas-G	Well #		
N/A								
33. Intervals Drilled by:	Rotary Tools <input checked="" type="checkbox"/>	Cable Tools <input type="checkbox"/>	34. Name of Drilling Contractor PIONEER DRLG.			35. Is Cementing Affidavit Attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
36. CASING RECORD (Report All Strings Set in Well)								
CASING SIZE	WT #/FT.	DEPTH SET	MULTISTAGE TOOL DEPTH	TYPE & AMOUNT CEMENT (sacks)	HOLE SIZE	TOP OF CEMENT	SLURRY VOL. cu. ft.	
13 3/8	61.0	1245		"A" 1035	17 1/2	SURFACE	1797.0	
9 5/8	47.0	10378		"A" 1705	12 1/4	5500	2415.6	
5 1/2	26.0	12674		"H" 685	8 1/2	9090	1237.0	
5	23.2	17809		"H" 685	8 1/2	9090	1237.0	
37. LINER RECORD								
Size	Top		Bottom		Sacks Cement	Screen		
38. TUBING RECORD								
Size	Depth Set	Packer Set	39. Producing Interval (this completion) Indicate depth of perforation or open hole					
2 3/8	13423	13413	From L1 13900	To 17775				
			From	To				
			From	To				
			From	To				
40. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.								
Depth Interval			Amount and Kind of Material Used					
13900.0 - 17775.0			121,120 BBLs SLURRY VOL. & 2,477,680# PROP.					
41. FORMATION RECORD (LIST DEPTHS OF PRINCIPAL GEOLOGICAL MARKERS AND FORMATION TOPS)								
Formations	Depth		Formations	Depth				
ANACACHO	13267.0 MD: 13268.0							
AUSTIN CHALK	13353.0 MD: 13358.0							
EAGLE FORD	13692.0 MD: 13810.0							
REMARKS: TAPERED STRING W/X-OVER @ 12674'								

File No. ME112076 (12)

G-1 Matejek Gas Unit 1

Date Filed: 01/23/2013

Jerry E. Patterson, Commissioner

By JEP

DIVISION ORDER

To: **Talisman Energy USA Inc.**
50 Pennwood Place
Warrendale, PA 15086

Date: November 16, 2011

Property Number: WL145202

Effective Date: June 19, 2011

Property Name: Matejek GU 1-1

Operator: **Talisman Energy USA Inc.**

County and State: Karnes County, TX

Property Description: Matejek Gas Unit No. 1 Well No.1 - 679.477 Acres, DeWitt County, Texas

Production: Oil Gas Other

112076 ✓
112872
~~112874~~

Owner Name and Address: Commissioner of the General Land Office of the State of Texas 1700 N. Congress Ave. Stephen F. Austin Building Austin, TX 78701	Owner Number: 13534904 Type of Interest: RI Decimal Interest: .00547148
--	---

The undersigned certifies the ownership of their decimal interest in production or proceeds as described above payable by **Talisman Energy USA Inc.** (Payor).

Payor shall be notified, in writing, of any change in ownership, decimal interest, or payment address. All such changes shall be effective the first day of the month following receipt of such notice.

Payor is authorized to withhold payment pending resolution of a title dispute or adverse claim asserted regarding the interest in production claimed herein by the undersigned. The undersigned agrees to indemnify and reimburse Payor any amount attributable to an interest to which the undersigned is not entitled.

Payor may accrue proceeds until the total amount equals \$25.00, or pay annually an amount of \$25.00 or greater, whichever occurs first, or as required by applicable state statute.

This Division Order does not amend any lease or operating agreement between the undersigned and the lessee or operator or any other contracts for the purchase of oil or gas.

In addition to the terms and conditions of this Division Order, the undersigned and Payor may have certain statutory rights under the laws of the state in which the property is located.

Special Clauses: *(None or See Attached Exhibit)*

Owner(s) Signature(s): _____

Owner(s) Tax I.D. Number(s): _____

Owner Daytime Telephone: _____

Owner FAX Telephone #: _____

Federal Law requires you to furnish your Social Security or Taxpayer Identification Number. Failure to comply will result in 28% tax withholding and will not be refundable by Payor

Sign and return this original

File No. 112076 (13)

DIVISION ORDER
Date Filed: 11/16/11

Jerry E. Patterson, Commissioner

By 

MF 112076

unit
5279

MF 112874
MF 112872



DIVISION ORDER

DATE: 08/27/2013

TO: Statoil Texas Onshore Properties LLC
2103 City West Blvd, Suite 800
HOUSTON 77042
USA

PROPERTY NUMBER: 300116 / 1
EFFECTIVE DATE: 05/01/2013
PRODUCT: All Products

PROPERTY NAME: MATEJEK GUI-1
OPERATOR: Statoil Texas Onshore Properties LL
COUNTY/PARISH/STATE: DE WITT / TX
PROPERTY DESCRIPTION:

OWNER NUMBER/ TAX IDENTIFICATION	OWNER NAME/ ADDRESS	INTEREST TYPE	OWNER INTEREST
9103261	State of Texas Commissioner General Land Office P.O. Box 12873 AUSTIN TX 78711-2873 USA	RI	0.00744392

The undersigned certifies the ownership of their decimal interest in production or proceeds as described above payable by STATOIL USA ONSHORE PROPERTIES.

Statoil USA Onshore Properties shall be notified, in writing, of any change in ownership, decimal interest, or payment address. All such changes shall be effective the first day of the month following receipt of such notice.

Statoil USA Onshore Properties is authorized to withhold payment pending resolution of a title dispute or adverse claim asserted regarding the interest in production claimed herein by the undersigned. The undersigned agrees to indemnify and reimburse Statoil USA Onshore Properties any amount attributable to an interest to which the undersigned is not entitled.

Statoil USA Onshore Properties may accrue proceeds until the total amount equals \$25.00, or until July 31st of each year, whichever occurs first, or as required by applicable state statute.

THIS DIVISION ORDER DOES NOT AMEND ANY LEASE OR OPERATING AGREEMENT BETWEEN THE UNDERSIGNED AND THE LESSEE OR OPERATOR OR ANY OTHER CONTRACTS FOR THE PURCHASE OF OIL OR GAS.

In addition to the terms and conditions of this Division Order, the undersigned and Statoil USA Onshore Properties may have certain statutory rights under the laws of the state in which the property is located.

Special Clauses:

Owner Signature/Corporate Title	Social Security/Tax ID #	Address (if different from above)
Keep This Copy for Your Records		
Owner Phone #	Alternate Contact	
Federal Law requires you to furnish your Social Security or Taxpayer Identification Number. Failure to comply will result in tax withholding and will not be refundable by Statoil USA Onshore Properties.		

File No. ME112076 14.
DIVISION ORDER

Date Filed: 6-18-19

Jerry E. Patterson, Commissioner

By JEP

27.02.0



TEXAS GENERAL LAND OFFICE
GEORGE P. BUSH, COMMISSIONER

December 11, 2019

CERTIFIED MAIL: 7011 1150 0001 2420 9064

Ms. Tracy Quon
Asset Manager
Equinor Texas Onshore Properties LLC
6300 Bridge Point Parkway
Building 2, Suite 100
Austin, TX 78730

RE: Application for Waiver from Surface Commingle Permit Requirements

Dear Ms. Quon

The Texas General Land Office (GLO) received your letter, dated December 10, 2019, requesting a waiver from the requirement under 31 Texas Administrative Code (TAC) §9.35(a)(3) to obtain written permission from GLO to surface commingle certain State leases. Under authority granted to me by the Commissioner of the General Land Office, the request by Equinor Texas Onshore Properties LLC is granted.

If you have questions, please contact me at robert.hatter@glo.texas.gov or 512-475-1542.

Sincerely

Robert Hatter
Deputy Director, Energy Resources

RH/tmo

Enclosure: Letter from Equinor Texas Onshore Properties LLC dated December 10, 2019

RECEIVED



DEC 10 2019

December 10, 2019

~~Via Hand-Delivery~~ **General Land Office**
Mr. Robert Hatter, Deputy Director of Energy Resources
Texas General Land Office
1700 N. Congress Avenue, Suite 840
Austin, Texas 78701

Dear Mr. Hatter:

Pursuant to 31 Tex. Admin. Code §9.2(e), Equinor Texas Onshore Properties LLC (“Equinor”) and Repsol Oil & Gas USA, LLC (“Repsol”) respectfully request the Texas General Land Office (“GLO”) grant an exception to the requirements found in 31 Tex. Admin. Code §9.35(a)(3)¹ and the application procedures relating to commingling published on the GLO’s website. Enclosed as Attachment A, please find a table of wells currently operated by Equinor² that may be subject to the surface commingling requirements, including the State’s net royalty interest in each well and associated mineral file numbers.

Equinor and Repsol believe it to be in the best interest of the State to grant an exception or waiver of the requirements in 31 Tex. Admin. Code §9.35(a)(3) and to the application procedures relating to commingling published on the GLO’s website. Specifically, as demonstrated by Attachment A, the State’s net royalty interest in the vast majority of wells is less than 1%, and in all cases less than 2.2%. The funds that would be expended by Equinor and/or Repsol to comply with the GLO’s current guidelines for surface commingling may result in premature abandonment of the well(s), resulting in waste of the oil, gas and mineral resources and lost royalty to the State. Furthermore, the funds that would be expended by the GLO to employ staff to review and enforce the current guidelines for surface commingling on these wells would likely exceed any possible revenue to the State that compliance could be expected to generate for the State.

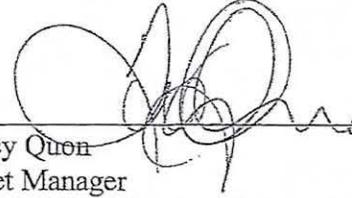
Accordingly, Equinor and Repsol respectfully request the Commissioner grant an exception to the requirement to comply with the GLO’s application procedures and obtain written permission to commingle under 31 Tex. Admin. Code §9.35(a)(3) for the wells and mineral file numbers as shown on Attachment A. Should you have any questions, please do not hesitate to contact me. Thank you for your consideration of this matter.

¹ 31 Tex. Admin. Code §9.35(a)(3) requires the lessee to obtain “written permission from the GLO before surface commingling state lease or state pooled-unit production with private lease production or before surface commingling oil and/or gas from two separate state leases and/or pooled state units.”

² On December 6, 2019 Equinor sold its Eagle Ford assets to Repsol, including the wells listed on Attachment A. Repsol will take over as operator of the wells on Attachment A at a future date.

Company	Postal address	Telephone	Fax	Internet
Equinor	6300 Bridge Point Parkway Building 2, Suite 100 Austin, Texas 78730	512.427.3300	512.427.3400	www.equinor.com

Respectfully submitted,



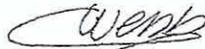
Tracy Quon
Asset Manager
Equinor Texas Onshore Properties LLC

Christie Webb
Eagle Ford Asset Manager
Repsol Oil & Gas USA, LLC

cc: Tom Ortiz, *via email*

Respectfully submitted,

Tracy Quon
Asset Manager
Equinor Texas Onshore Properties LLC



Christie Webb
Eagle Ford Asset Manager
Repsol Oil & Gas USA, LLC

cc: Tom Ortiz, *via email*

ATTACHMENT A

API No.	District	Lease No.	Lease Name	Well No.	Field Name	Operator Name	County	Gross Royalty	RRC P-17	State Lease #	State Lease #	State Lease #
31134660	1	16273	POWERS UNIT	A1H	EAGLEVILLE (EAGLE FORD-1)	EQUINOR TEXAS ONSHORE PROP LLC	MCMULLEN	0.021562508	5672	MF 114395		
25531569	2	254486	SLAUGHTER GAS UNIT 1	1	SPEARY (EDWARDS)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.011319952	6096	109973		
25532937	2	269011	SLAUGHTER GAS UNIT 1	B3H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.011319952	6096	109973		
25532948	2	269198	SLAUGHTER GAS UNIT 1	B2H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.011319952	6096	109973		
25532967	2	270608	SLAUGHTER GAS UNIT 1	B1H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.011319952	6096	109973		
25534865	2	280732	SLAUGHTER-RHODES TRUST	C1H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.010621476	6096	M-98928	109138	109973
25534867	2	283784	SLAUGHTER-RHODES TRUST	C4H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.010556683	6096	M-98928	109138	109973
25534855	2	280733	SLAUGHTER-RHODES TRUST	C2H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.01055454	6096	M-98928	109138	109973
25534866	2	280734	SLAUGHTER-RHODES TRUST	C3H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.010510206	6096	M-98928	109138	109973
25534868	2	284246	SLAUGHTER-RHODES TRUST (SA) C5	C5H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.010389381	6096	M-98928	109138	109973
28333394	1	270366	BRIGGS RANCH	S1H	HAWKVILLE (EAGLEFORD SHALE)	EQUINOR TEXAS ONSHORE PROP LLC	LA SALLE	0.008372667	5304	M-116571		
25535791	2	285851	WESS 4-SLAUGHTER-RT (SA) C3	C3H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.007284429	6096	M-98928	109138	109973
25535791	2	286318	WESS 4-SLAUGHTER-RT (SA) C3	C3H	SUGARKANE (AUSTIN CHALK)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.007284429	NA (SWR10)	M-98928	109138	109973
25535792	2	285817	WESS 4-SLAUGHTER-RT (SA) C4	C4H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.00716346	6096	M-98928	109138	109973
25535805	2	286907	WESS 4-SLAUGHTER-RT (SA) C7	C7H	SUGARKANE (AUSTIN CHALK)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.006946619	6096	M-98928	109138	109973
12332413	2	268013	MATEJEK GAS UNIT 1	1	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	DE WITT	0.006629905	6096	MF 112872	MF 112874	MF 112076
31136651	1	19138	LESTER POWERS UNIT	O2H	EAGLEVILLE (EAGLE FORD-1)	EQUINOR TEXAS ONSHORE PROP LLC	MCMULLEN	0.006105556	5672	M-116757	M-118479	
25535793	2	285819	WESS 4-SLGR-ECRR-RT (SA) C5	C5H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.005805111	6096	109973	MF 113179	MF 113178
25534621	2	281480	RUNGE 2	A4H	DE WITT (EAGLE FORD SHALE)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.005730778	6096	MF 113673	MF 113674	117536
25532767	2	270219	WESSENDORFF 4-SLAUGHTER (SA)	B3H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.005710079	6096	109973	MF 113178	
25534618	2	280452	RUNGE 2	A1H	DE WITT (EAGLE FORD SHALE)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.005689016	6096	MF 113673	MF 113674	117536
25534619	2	281630	RUNGE 2 (SL)	A2H	DE WITT (EAGLE FORD SHALE)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.00565	6096	MF 113673	MF 113674	117536
25534620	2	280410	RUNGE 2	A3H	DE WITT (EAGLE FORD SHALE)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.005539603	6096	MF 113673	MF 113674	117536
31136652	1	19049	TILDEN UNIT	O1H	EAGLEVILLE (EAGLE FORD-1)	EQUINOR TEXAS ONSHORE PROP LLC	MCMULLEN	0.005064571	5672	M-116757	M-118480	M-118481
25534589	2	280343	EYHORN GAS UNIT 1	B1H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.004994952	5940/6096	108671	109417	109416
25534590	2	280396	EYHORN GAS UNIT 1	B2H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.004994952	5940/6096	108671	109417	109416
25534591	2	280364	EYHORN GAS UNIT 1	B3H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.004994952	5940/6096	108671	109417	109416
25534592	2	280365	EYHORN GAS UNIT 1	B4H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.004994952	5940/6096	108671	109417	109416
25534593	2	280367	EYHORN GAS UNIT 1	B5H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.004994952	5940/6096	108671	109417	109416
25531585	2	257673	EYHORN GAS UNIT 1	1	KAWITT (EDWARDS)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.004994952	NA	108671	109417	109416
25531650	2	259630	EYHORN GAS UNIT 1	4	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.004994952	NA	108671	109417	109416
25532093	2	266141	EYHORN GAS UNIT 1	C2H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.004994952	6096	108671	109417	109416
28333674	1	271106	J A CRISP RANCH UNIT	B3H	HAWKVILLE (EAGLEFORD SHALE)	EQUINOR TEXAS ONSHORE PROP LLC	LA SALLE	0.004906048	5304	MF 111952		
25535300	2	284142	BLACKWELL-EYHORN (SA) B6	B6H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.004795841	6053/6096	108671	109136	109417
25531606	2	253110	WESSENDORFF GAS UNIT 5	1	SPEARY (EDWARDS)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.004745508	NA	109869	110191	
25531692	2	265092	WESSENDORFF GAS UNIT 5	2	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.004745508	NA	109869	110191	
25530630	2	79465	G. J. TIPS GAS UNIT	1	KAWITT (EDWARDS)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.004734762	NA	MF 115457		
25531567	2	244761	GUS TIPS GAS UNIT 1	1	KAWITT (EDWARDS)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.004734762	NA	MF 115457		
25531622	2	257651	GUS TIPS GAS UNIT 1	2	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.004734762	NA	MF 115457		
25532102	2	264995	GUS TIPS GAS UNIT 1	C1H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.004734762	6096	MF 115457		
25535003	2	280955	GUS TIPS GAS UNIT 1	D1H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.004734762	6096	MF 115457		
25534683	2	282124	WESSENDORFF 5-WESSENDORFF 2 (SA)	C5H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.004697444	6096	109869	110191	

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25534683	2	282126	WESSENDORFF 5-WESSENDORFF 2 (SA)	C5H	SUGARKANE (AUSTIN CHALK)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.004697444	NA (SWR10)	109869	110191	
25535555	2	284335	GUS TIPS-RUNGE 1 (SA) C2	C2H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.004682206	6096	MF 113673	MF 113674	MF 115457
25535005	2	281276	GUS TIPS-RUNGE 1	D2H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.00465373	6096	MF 113673	MF 113674	MF 115457
25535556	2	284455	GUS TIPS-RUNGE 1 (SA) C3	C3H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.004640238	6096	MF 113673	MF 113674	MF 115457
25535007	2	281313	GUS TIPS-RUNGE 1	D3H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.004639841	6096	MF 113673	MF 113674	MF 115457
25535557	2	284456	GUS TIPS-RUNGE 1 (SA) C4	C4H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.004617571	6096	MF 113673	MF 113674	MF 115457
25532451	2	271126	STRMISKA GAS UNIT 1	A2H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.004236508	6096	MF 114239		
25534231	2	280380	STRMISKA GAS UNIT 1	B1H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.004236508	6096	MF 114239		
25534232	2	279834	STRMISKA GAS UNIT 1	B2H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.004236508	6096	MF 114239		
25534233	2	280392	STRMISKA GAS UNIT 1	B3H	SUGARKANE (AUSTIN CHALK)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.004236508	6096	MF 114239		
25534684	2	280184	STRMISKA GAS UNIT 1	B4H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.004236508	6096	MF 114239		
25533251	2	271606	STRMISKA GAS UNIT 1	A1H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.004236492	6096	MF 114239		
25532771	2	270218	WESSENDORFF 4-SLAUGHTER (SA)	B2H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.004215984	6096	109973	MF 113178	
31136541	1	18648	POWERS G UNIT	G1H	EAGLEVILLE (EAGLE FORD-1)	EQUINOR TEXAS ONSHORE PROP LLC	MCMULLEN	0.004203825	5672	M-117693		
31136542	1	18648	POWERS G UNIT	G3H	EAGLEVILLE (EAGLE FORD-1)	EQUINOR TEXAS ONSHORE PROP LLC	MCMULLEN	0.004203825	5672	M-117693		
31136543	1	18648	POWERS G UNIT	G4H	EAGLEVILLE (EAGLE FORD-1)	EQUINOR TEXAS ONSHORE PROP LLC	MCMULLEN	0.004203825	5672	M-117693		
31136544	1	18648	POWERS G UNIT	G2H	EAGLEVILLE (EAGLE FORD-1)	EQUINOR TEXAS ONSHORE PROP LLC	MCMULLEN	0.004203825	5672	M-117693		
25535859	2	287141	WESS 4-SLGTR- ECRR (SA) B6	B6H	SUGARKANE (AUSTIN CHALK)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.004163016	6096	109973	MF 113179	MF 113178
25532728	2	268975	WESSENDORFF 5-WESSENDORFF 7 (SA)	B3H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.00402173	6096	109869	110191	
25535857	2	287118	WESS 4-SLGTR-ECRR (SA) B4	B4H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.004015	6096	109973	MF 113179	MF 113178
25532995	2	270568	YOUNG GAS UNIT 1	A3H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.003991381	6096	MF 115930		
25533651	2	275451	YOUNG GAS UNIT 1	B2H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.003991381	6096	MF 115930		
25533652	2	275682	YOUNG GAS UNIT 1	B1H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.003991381	6096	MF 115930		
25533911	2	284286	YOUNG GAS UNIT 1	A2H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.003991381	6096	MF 115930		
25533912	2	284425	YOUNG GAS UNIT 1	A4H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.003991381	6096	MF 115930		
25533934	2	284453	YOUNG GAS UNIT 1	A1H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.003991381	6096	MF 115930		
25535450	2	284567	YOUNG GAS UNIT 1	A5H	SUGARKANE (AUSTIN CHALK)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.003991381	6096	MF 115930		
25535911	2	286059	YOUNG GAS UNIT 1	C2H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.003991381	6096	MF 115930		
25535912	2	11692	YOUNG GAS UNIT 1	C1H	SUGARKANE (AUSTIN CHALK)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.003991381	6096	MF 115930		
25535918	2	286058	YOUNG GAS UNIT 1	C3H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.003991381	6096	MF 115930		
25535920	2	11692	YOUNG GAS UNIT 1	C4H	SUGARKANE (AUSTIN CHALK)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.003991381	6096	MF 115930		
25533803	2	276944	EYHORN-BEGO TRUST (SA)	D3H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.003989714	6096	108671	MF 97468	109417
25535858	2	287274	WESS 4-SLGTR-ECRR (SA) B5	B5H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.003916651	6096	109973	MF 113179	MF 113178
25535301	2	284087	BLACKWELL-EYHORN (SA) B7	B7H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.003910698	6053/6096	108671	109136	109417
25535305	2	283974	BLACKWELL-EYHORN (SA) B8	B8H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.003838873	6053/6096	108671	109136	109417
25531527	2	220782	E.R.RHODES TRUST GAS UNIT 1	1R	KAWITT (EDWARDS)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.003825571	6096	M-98928	109138	MF 116104
25531494	2	209648	RHODES TRUST	3H	KAWITT (EDWARDS)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.003825571	NA	M-98928	109138	MF 116104
25532171	2	266145	RUNGE TOWN SITE GAS UNIT 1	1	DE WITT (EAGLE FORD SHALE)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.003783683	6096	MF 113673	MF 113674	
25534679	2	282101	WESSENDORFF 5-WESSENDORFF 7 (SA)	C2H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.00350027	6096	109869	110191	
25534680	2	282120	WESSENDORFF 5-WESSENDORFF 7 (SA)	C3H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.003484032	6096	109869	110191	
25533802	2	276733	EYHORN-BEGO TRUST (SA)	D2H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.003433032	6096	108671	MF 97468	109417
31136622	1	18925	BLAHA UNIT	A3H	EAGLEVILLE (EAGLE FORD-1)	EQUINOR TEXAS ONSHORE PROP LLC	MCMULLEN	0.003300937	5672	MF 116004		

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25533801	2	276384	EYHORN-BEGO TRUST (SA)	D1H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.00314	6096	108671	MF 97468	109417
25533862	2	278530	PHILLIPPE GU1	A1H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.003088048	5934/6096	MF 115640		
25533863	2	277671	PHILLIPPE GU1	A2H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.003088048	5934/6096	MF 115640		
25533864	2	278586	PHILLIPPE GU1	A3H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.003088048	5934/6096	MF 115640		
25533865	2	277732	PHILLIPPE GU1	A4H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.003088048	5934/6096	MF 115640		
25533866	2	277734	PHILLIPPE GU1	A5H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.003088048	5934/6096	MF 115640		
25533866	2	277809	PHILLIPPE GU1	A5H	SUGARKANE (AUSTIN CHALK)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.003088048	NA (SWR10)	MF 115640		
25533867	2	277783	PHILLIPPE GU1	A6H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.003088048	5934/6096	MF 115640		
25532599	2	266852	PHILLIPPE GU1	B2H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.003088048	6096	MF 115640		
25534757	2	281492	PHILLIPPE GU1	B4H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.003088048	6096	MF 115640		
25534757	2	282270	PHILLIPPE GU1	B4H	SUGARKANE (AUSTIN CHALK)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.003088048	NA (SWR10)	MF 115640		
25534758	2	281288	PHILLIPPE GU1	B5H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.003088048	6096	MF 115640		
25534756	2	281721	PHILLIPPE GU1	B6H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.003088048	6096	MF 115640		
25534756	2	282190	PHILLIPPE GU1	B6H	SUGARKANE (AUSTIN CHALK)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.003088048	NA (SWR10)	MF 115640		
25501295	2	220854	ESCONDIDO CREEK GAS UNIT	1	SPEARY (MYHAND 8400)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.003072095	NA	110191		
25531593	2	258143	ESCONDIDO CREEK GAS UNIT 1	1X	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.003072095	6096	110191		
25532448	2	266854	ESCONDIDO CREEK GAS UNIT 1	B3H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.003072095	6096	110191		
25534690	2	281468	WESSENDORFF 5-WESSENDORFF 7 (SA)	C1H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.00302681	6096	109869	110191	
25534690	2	282258	WESSENDORFF 5-WESSENDORFF 7 (SA)	C1H	SUGARKANE (AUSTIN CHALK)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.00302681	NA (SWR10)	109869	110191	
25531560	2	244751	WESSENDORFF GAS UNIT 4	1	SPEARY (EDWARDS)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.00283805	6096	MF 113178		
25531577	2	245387	WESSENDORFF GAS UNIT 4	2	SPEARY (EDWARDS)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.00283805	NA	MF 113178		
25535651	2	284426	KOLO-NELLER_RHODES TRUST (SA) B2	B2H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.002832492	6096	M-98928	109138	109419
25533927	2	276117	KENRUBYLIE	A8H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.00254327	6096	M-117714		
25533927	2	276401	KENRUBYLIE	A8H	SUGARKANE (AUSTIN CHALK)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.00254327	NA (SWR10)	M-117714		
25533928	2	276399	KENRUBYLIE	A9H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.00254327	6096	M-117714		
25533929	2	276646	KENRUBYLIE	A10H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.00254327	6096	M-117714		
25533930	2	276647	KENRUBYLIE	A11H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.00254327	6096	M-117714		
12331813	2	169128	BLACKWELL	2	KAWITT (EDWARDS)	EQUINOR TEXAS ONSHORE PROP LLC	DE WITT	0.00246654	NA	109136		
25531368	2	161807	BLACKWELL	1H	KAWITT (EDWARDS)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.00246654	NA	109136		
12332568	2	268541	BLACKWELL GAS UNIT 1	D1H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	DE WITT	0.00246654	6096	109136		
12332591	2	268219	BLACKWELL GAS UNIT 1	D2H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	DE WITT	0.00246654	6096	109136		
12332187	2	236294	E. R. BLACKWELL GAS UNIT 1	1	KAWITT (EDWARDS)	EQUINOR TEXAS ONSHORE PROP LLC	DE WITT	0.00246654	NA	109136		
12332229	2	250715	BLACKWELL GAS UNIT 2	1	KAWITT (EDWARDS)	EQUINOR TEXAS ONSHORE PROP LLC	DE WITT	0.002450778	6096	109137		
12332333	2	265486	BLACKWELL GAS UNIT 2	2	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	DE WITT	0.002450778	6096	109137		
12332644	2	268459	BLACKWELL GAS UNIT 2	C1H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	DE WITT	0.002450778	6096	109137		
12333370	2	272516	BLACKWELL GAS UNIT 2	C2H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	DE WITT	0.002450778	6096	109137		
12333371	2	274904	BLACKWELL GAS UNIT 2	C3H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	DE WITT	0.002450778	6096	109137		
12333552	2	275594	ECKHARDT RANCH GU1	C2H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	DE WITT	0.002426349	6096	MF 116850		
25534970	2	280934	KOLO-NELLER-RHODES TRUST	B4H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.002404905	5953/6096	M-98928	109138	109419
25535652	2	284344	KOLO-NELLER-RHODES TRUST (SA) B3	B3H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.002381365	6096	M-98928	109138	109419
25531611	2	254915	ESCONDIDO CREEK RIVER RANCH GU 1	1	SPEARY (EDWARDS)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.002305937	6096	MF 113179		
25535646	2	284343	MARLER-SLAUGHTER-RHODES (SA) B1	B1H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.002278508	6096	M-98928	109138	109973

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25534971	2	280935	KOLO-NELLER-RHODES TRUST	B5H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.002247317	5953/6096	M-98928	109138	109419
25533041	2	10606	BALSER UNIT	A2H	EAGLEVILLE (EAGLE FORD-2)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.002234921	5672	MF 111262		
25533042	2	10606	BALSER UNIT	A3H	EAGLEVILLE (EAGLE FORD-2)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.002234921	5672	MF 111262		
25533791	2	10606	BALSER UNIT	A1H	EAGLEVILLE (EAGLE FORD-2)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.002234921	5672	MF 111262		
25533792	2	10606	BALSER UNIT	A4H	EAGLEVILLE (EAGLE FORD-2)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.002234921	5672	MF 111262		
25533799	2	10606	BALSER UNIT	A5H	EAGLEVILLE (EAGLE FORD-2)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.002234921	5672	MF 111262		
25533800	2	10606	BALSER UNIT	A6H	EAGLEVILLE (EAGLE FORD-2)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.002234921	5672	MF 111262		
25534115	2	10606	BALSER UNIT	A7H	EAGLEVILLE (EAGLE FORD-2)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.002234921	5672	MF 111262		
25533300	2	272512	WESSENDORFF 5-WESS 7-WESS 2 (SA)	A2H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.00216346	6096	109869	110191	
25533611	2	274452	KENEDY CORPORATION GAS UNIT 1	B4H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.002001175	6096	MF 116440	MF 116441	
25533643	2	275060	KENEDY CORPORATION GAS UNIT 1(A)	B3H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.002001175	6096	MF 116440	MF 116441	
25531808	2	267309	THIELE GAS UNIT 1	1	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.001982873	6096	MF 112873		
31135782	1	17961	BLAHA-DILWORTH (SA-2)	A2H	EAGLEVILLE (EAGLE FORD-1)	EQUINOR TEXAS ONSHORE PROP LLC	MCMULLEN	0.001881857	5672	MF 116004		
25533045	2	271702	WESSENDORFF 3-ESCONDIDO CREEK (S	B5H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.001827381	6096	110191		
25533173	2	273126	NELLER-RHODES TRUST (SA)	A2H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.001722508	6096	M-98928	109138	109419
12333717	2	276930	KEACH GAS UNIT 1	C1H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	DE WITT	0.001708143	5927/6096	110541	110540	
12333718	2	277031	KEACH GAS UNIT 1	C2H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	DE WITT	0.001708143	5927/6096	110541	110540	
12333719	2	277033	KEACH GAS UNIT 1	C3H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	DE WITT	0.001708143	5927/6096	110541	110540	
12333720	2	277194	KEACH GAS UNIT 1	C4H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	DE WITT	0.001708143	5927/6096	110541	110540	
12332299	2	257602	KEACH GAS UNIT 1	1	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	DE WITT	0.001708143	6096	110541	110540	
12332515	2	267121	KEACH GAS UNIT 1	B1H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	DE WITT	0.001708143	6096	110541	110540	
12333466	2	273114	KEACH GAS UNIT 1	B3H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	DE WITT	0.001708143	6096	110541	110540	
12333467	2	274140	KEACH GAS UNIT 1	B2H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	DE WITT	0.001708143	6096	110541	110540	
25533247	2	272511	WESSENDORFF3-ESCONDIDO CREEK (SA	B4H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.001667825	6096	110191		
25534681	2	282123	WESSENDORFF 5-WESSENDORFF 7 (SA)	C4H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	KARNES	0.001636476	6096	109869	110191	
12332685	2	266169	BLACKWELL, W. A. GAS UNIT 1	A2H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	DE WITT	0.001585794	6096	MF 113858		
12333360	2	273093	W. A. BLACKWELL GAS UNIT 1	B1H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	DE WITT	0.001585794	6096	MF 113858		
12332315	2	260868	HALEPESKA GAS UNIT 1	1	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	DE WITT	0.00158219	6096	MF 110894	MF 114355	
12332641	2	266166	HALEPESKA GAS UNIT 1	B1H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	DE WITT	0.00158219	6096	MF 110894	MF 114355	
12333504	2	274139	HALEPESKA GAS UNIT 1	B2H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	DE WITT	0.00158219	6096	MF 110894	MF 114355	
12333505	2	278984	HALEPESKA GAS UNIT 1	B3H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	DE WITT	0.00158219	6096	MF 110894	MF 114355	
12334009	2	277731	HALEPESKA GAS UNIT 1	A2H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	DE WITT	0.00158219	6096	MF 110894	MF 114355	
12334010	2	277733	HALEPESKA GAS UNIT 1	A3H	SUGARKANE (EAGLE FORD)	EQUINOR TEXAS ONSHORE PROP LLC	DE WITT	0.00158219	6096	MF 110894	MF 114355	

File No. MF 112076

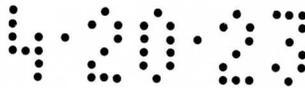
De Witt County

Commingling Waiver

Date Filed: 12/13/2019

George P. Bush, Commissioner

By Thomas M. O'Leary



April 10th, 2023

Commissioner Of The General Land
1700 N Congress Ave Stephen F Austin Bldg
Austin, TX 78701

HR0W PSA
Unit 5279
M-112076
M-112872
M-112874

Re: **Proposed Gano-Theime-Dlugosch-Matejek-Eckhardt (SA) Production Sharing Agreement(s), DeWitt Counties, Texas**

Dear Interest Owner:

Repsol Oil & Gas USA, LLC, the operator of the **Gano-Theime-Dlugosch-Matejek-Eckhardt (SA)**, (“Well”) is planning to drill one or more horizontal wells in the Eagle Ford and/or Austin Chalk Formations. The proposed wells will be located partially within the Unit. As you may know, horizontal wells must be drilled in a certain direction and with sufficient horizontal length to be economically productive and to maximize the ultimate recoveries of oil and/or gas. In many cases, and because of the configuration of already existing pooled units, a single horizontal well has to be drilled across more than one of these units to achieve sufficient horizontal length at the desired location. Because these wells will cross the boundary between multiple existing units, production must be allocated to the different units crossed by each well.

In order to allocate production in a fair and reasonable method, the industry has been using what is known as a “Production Sharing Agreement” (“PSA”) which provides a fair and reasonable solution for all owners. The PSA has been one of the most successful methods used for drilling horizontal wells across multiple pooled units in Texas. The method for resolving these issues is relatively simple. The agreement allocates the production from a horizontal well drilled across more than one pooled unit, called a “Sharing Well”. Allocation is calculated on the basis of the proportionate amount of the Horizontal Drainhole Area (measured in acres) under each pooled unit as compared to the well’s total Horizontal Drainhole Area. The resulting percentage of production allocated to each unit is treated as if it were produced from that unit.

For example, if the total drainhole area of the sharing well is 126.91 acres and 65.60 acres of the drainhole area is located under Unit A and 61.31 acres is located under Unit B, then Unit A would be allocated $65.60/126.91$ (51.69%) of the well’s production and Unit B would be allocated $61.31/126.91$ (48.31%) of the production from the well. The amount of production allocated to each unit is treated as if that amount was actually produced from each unit. The royalty interest owners in Unit A would receive their Unit A royalty participation for the 51.69% of production allocated to Unit A, while the Unit B owners would receive their Unit B royalty participation for the 48.31% production allocated to Unit B.



The enclosed Exhibit "A" provides an example of a single horizontal well that crosses Unit A and Unit B. The drawing illustrates how the Horizontal Drainhole Area from a sharing well would be allocated to Unit A and Unit B.

The enclosed PSA document (or multiple PSA documents if you have interest in more than one of the units underlying the **Gano-Theime-Dlugosch-Matejek-Eckhardt (SA)** area) will not affect your share of production from the existing wells in the Unit or future wells drilled solely within the boundary of the Unit. This agreement applies only to "Sharing Wells" which are wells drilled across more than one pooled unit.

By executing the enclosed PSA, we believe your production revenue will increase and we will be able to drill wells to recover oil and natural gas underlying the Unit which may otherwise go unrecovered.

Please execute the enclosed PSA document, in the presence of a notary public. You may keep the PSA document for your record (extra signature page has been provided).

We ask that you return the executed signature page with acknowledgment to us using the envelope provided as soon as possible. You may also email a copy to omurchison@markaoneal.com.

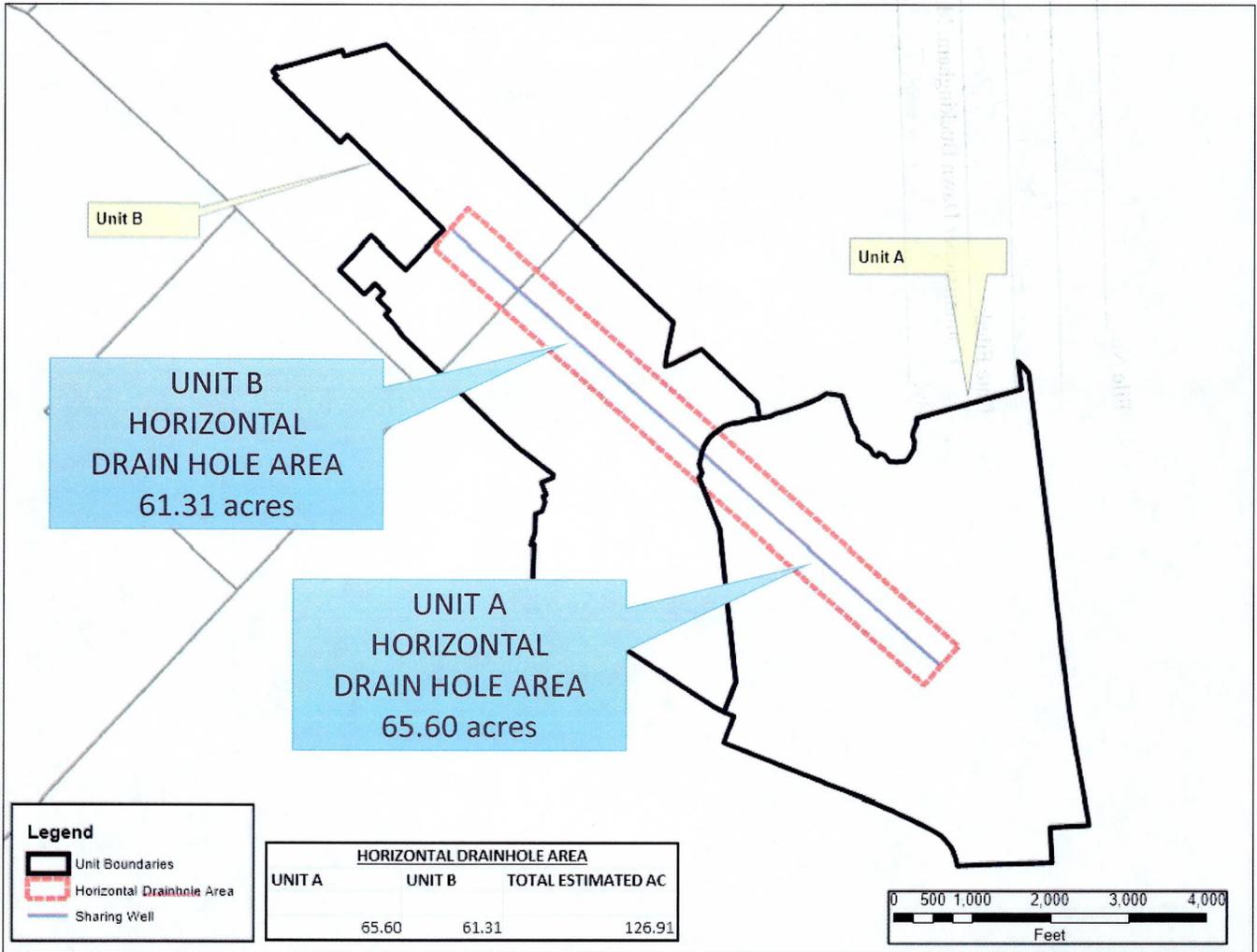
We are a Land Contractor engaged on behalf of Repsol Oil & Gas USA, LLC. If you have any questions, you may contact us at (682)-250-5374.

Regards,

Anthony Mikolajunas

Enclosures

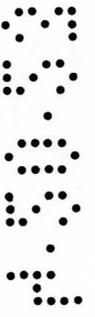
Gano- Theime-Dlugosch-Matejek-Eckhardt (SA)
Extra Signature Page



Production Allocation Example

Unit	Drainhole Area (Acres)	Allocated Production	Allocation formula
UNIT A	65.60	51.69%	$65.60/126.91 = 51.69\%$
UNIT B	61.30	48.31%	$61.30/126.90 = 48.31\%$
TOTALS (Unit A & B)	126.91	100.00%	

File No. MF112076
Dewitt County
Letter from Repsol
Date Filed: 4/25/23
Commissioner Dawn Buckingham, M.D.
By: MB Barnstone





MEMORANDUM

TEXAS GENERAL LAND OFFICE • COMMISSIONER DAWN BUCKINGHAM, M.D.

TIME SENSITIVE: Action Required by: (May 11, 2023)

DATE: April 20, 2023
TO: Commissioner Dawn Buckingham, M.D.
FROM: Mary Beth Barnstone
SUBJECT: HROW Unit Production Sharing Agreement for signature

FILE COPY

.....
SUMMARY: Attached for your approval and signature are duplicate originals of a Production Sharing Agreement for a State highway right-of-way (“HROW”) Unit.

DETAILS: This agreement will allow the operator of the HROW Unit to drill horizontal wells that cross the lease or units if pooled and existing private leases and/or units in the area and to allocate the production from said wells as provided in the agreement. This is a practice that is commonly used to facilitate the drilling of horizontal wells across existing units or leases that do not allow pooling. The GLO has previously participated in these types of agreements. This agreement has been reviewed and approved by Energy Resources staff and the Legal Services Division.

Document Name	Recipient
Production Sharing Agreement Gano-Thieme-Dlugosch-Matejek-Eckhardt (SA) HROW Unit 5279, M-112076, M-112872 & M-112874 DeWitt County, Texas	Repsol Oil & Gas USA, LLC

Recommendation: Please sign and return to Mary Beth Barnstone in Energy Resources (3-6818).

Attachment: Two Production Sharing Agreements

Thru: Nick Orman

File No. MF 112076

DeWitt County

Memo to Commissioner

Date Filed: 4/25/23

Commissioner Dawn Buckingham, M.D.

By: MB Barnstone



TEXAS GENERAL LAND OFFICE
COMMISSIONER DAWN BUCKINGHAM, M.D.

April 25, 2023

Mr. Anthony Mikolajunas
Repsol Oil & Gas USA, LLC
6750 Locke Avenue
Suite 201
Fort Worth, Texas 76116

FILE COPY

Re: Production Sharing Agreement
Gano-Thieme-Dlugosch-Matejek-Eckhardt (SA)
HROW Unit 5279, M-112076, M-112872 & M-112874
DeWitt County, Texas

Dear Mr. Mikolajunas,

Enclosed is a duplicate original of the above referenced Production Sharing Agreement (“PSA”) that has been executed by Dawn Buckingham, M.D., Commissioner of the Texas General Land Office. We have retained an original of the PSA for our files.

Please provide our office with a recorded copy of the PSA or a fully executed copy if it is not going to be recorded as soon as it is available. Additionally, after a Sharing Well is drilled, please provide our office with the “Productive Drainhole Length/Allocation Factor” information and let us know what our participation in the well is going to be so we can get our lease records set up for the payment of royalties on the Sharing Well.

Thank you for your assistance with this matter, if you have any questions or need anything further, please feel free to call.

Sincerely,

Mary Beth Barnstone
Minerals Specialist
Energy Resources
Texas General Land Office
Direct number: (512)463-6818
Email: mary.barnstone@glo.texas.gov

Enclosure

File No. MF 112076

Dewitt County

Letter to Repsol

Date Filed: 4/25/23

Commissioner Dawn Buckingham, M.D.

By: MB Barnstone

NOTICE OF CONFIDENTIALITY RIGHTS: IF YOU ARE A NATURAL PERSON, YOU MAY REMOVE OR STRIKE ANY OR ALL OF THE FOLLOWING INFORMATION FROM ANY INSTRUMENT THAT TRANSFERS AN INTEREST IN REAL PROPERTY BEFORE IT IS FILED FOR RECORD IN THE PUBLIC RECORDS: YOUR SOCIAL SECURITY NUMBER OR YOUR DRIVER'S LICENSE NUMBER.

PRODUCTION SHARING AGREEMENT

**STATE OF TEXAS §
 § KNOW ALL PERSONS BY THESE PRESENTS:
COUNTY OF DEWITT §**

THAT the undersigned parties do hereby enter into this Production Sharing Agreement (“Agreement”), effective as of April 1, 2023 on the terms set forth herein.

WHEREAS, the undersigned parties, collectively the “Interest Owners” or individually an “Interest Owner,” owns an interest in the leases, minerals, royalties and/or executive rights in and under a portion or portions of the lands (collectively called “Lands”) included in the following described units or tracts of land (“Units”), to wit:

679.477 acre pooled unit known as the Matejek Gas unit No. 1 (“Matejek Unit”), said Unit having been formed by Designation of Gas Unit dated March 7, 2011 and recorded in Volume 341, Page 51 of the Official Public Records of DeWitt County, Texas and amended by Amendment to the Designation of Gas Unit dated September 22, 2011 and recorded in Volume 385, Page 177 of the Official Public Records of Dewitt County, Texas.

WHEREAS, Repsol Oil & Gas USA, LLC (“Repsol”) and Interest Owner, among others, are the current lessees of certain oil, gas and/or mineral leases (“the Leases”) covering said Lands (“Lease Owner”), and Repsol is the current Operator of the Units (“Operator”). Interest Owner, Lease Owner and Operator are sometimes collectively referred to as the (“Parties”) and individually as a (“Party”).

WHEREAS, the Parties wish to encourage further development of the Units by the drilling

of Horizontal Drainhole Wells, as defined below, in order to:

- (a) prevent physical and economic waste and the drilling of unnecessary wells, and to increase the ultimate recovery of Minerals from the Units; and
- (b) protect the correlative rights of all Interest Owners so that each may receive a fair share of the Minerals in and under the Units.

WHEREAS, it being advantageous to position one or more future Horizontal Drainhole Wells beneath or near the Units, the Parties desire to establish a basis for allocating and sharing in the proceeds of production from such Horizontal Drainhole Wells.

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Parties hereby agree, consent and ratify the actions and terms contemplated herein as follows:

1. For purposes of this Agreement the following definitions apply:
 - a. "Allocation Factor" is a fraction, the numerator of which is equal to the number of acres within that portion of the Horizontal Drainhole Area that lies under that portion of such Unit in which each Interest Owner owns an interest, and the denominator being the total Horizontal Drainhole Area.
 - b. "Correlative Interval" is the depth interval designated by applicable field rules, or new field designation designated by the Texas Railroad Commission for the Horizontal Drainhole Well, or where a Correlative Interval has not been designated by the Texas Railroad Commission, it shall be the producing interval for the field in which the Horizontal Drainhole Well is completed as shown by information submitted by Operator to the Texas Railroad Commission.
 - c. "Exploration and Production Activities" means the necessary, incidental, and appurtenant activities and operations to be conducted by Operator and convenient to its exploration, exploitation, development, transportation,

production operations, and any other operations on the Units in the area, including, but not limited to, the right to sub-surface commingling of hydrocarbon production from a Sharing Well, in addition to any rights granted to Operator under the terms of the Lease(s).

- d. "Horizontal Drainhole" is the portion of the Horizontal Drainhole Well drilled in the Correlative Interval between the penetration point and the terminus.
- e. "Horizontal Drainhole Area" is the area (in acres) bounded on the sides by two lines parallel to the Productive Drainhole Length (one on each side of the Sharing Well), each measuring a distance of 330 feet when measured perpendicular to the Productive Drainhole Length, and connected on one end by a straight line perpendicular to the Productive Drainhole Length running through the first Take Point and connected at the other end by a straight line perpendicular to the Productive Drainhole Length running through the last take point.
- f. "Horizontal Drainhole Well" is a well as defined in Texas Railroad Commission Statewide rule 86 (16 Tex. Admin. Code § 3.86), with a horizontal displacement of at least one hundred (100) feet.
- g. "Take Point" is any point along the Horizontal Drainhole where Minerals could enter the wellbore from the Correlative Interval and be produced.
- h. "Productive Drainhole Length" is the horizontal length, in feet, of the wellbore path that begins at the first Take Point of a Horizontal Drainhole and runs along the actually surveyed wellbore path to the last Take Point, less any portion of the Horizontal Drainhole deemed by the Texas Railroad Commission to be a "no perf zone" and/or deemed non-productive in the sold good faith opinion of Operator. In the event a Sharing Well is developed with more than one Horizontal Drainhole, the Productive

Drainhole Length shall be the sum of all Productive Drainhole Lengths such in all such Horizontal Drainholes.

2. "Sharing Well" is a Horizontal Drainhole Well, drilled on or after the effective date of this Agreement, with an expected surface location and Horizontal Drainhole Area located approximately as depicted on Exhibit A. Each Interest Owner shall be entitled to a share of the proceeds from the sale of production from a Sharing Well on the basis of such Interest Owner's respective ownership in the Units multiplied by the Allocation Factor.
3. In the event an Interest Owner owns less than 100% of the undivided interest in a tract of land in the Units where the Horizontal Drainage Area is located, then such Interest Owner's Allocation Factor shall be further proportionately reduced based upon its actual ownership, subject to the application of the terms of each Lease's royalty provision, which shall remain in full force and effect, except to the extent expressly modified herein.
4. Exploration and Production Activities from each Sharing Well, whether or not the entirety of the Sharing Well's Horizontal Drainhole is located on the Lands and regardless of the surface location of such Sharing well, shall be treated as if such Exploration and Production Activities were conducted upon the surface of the Lands covered by the Leases included in the Units and will be deemed to be actual operations conducted on, or production from, the Lands pursuant to the terms and provisions of the Lease.
5. Lease Owners shall have the right to make reasonable use of the surface and subsurface of the Lands and Leases for Exploration and Production Activities from

a Sharing Well. Interest Owners hereby grant, let, lease and demise unto Lease Owners surface and subsurface easements and rights-of-way (including all reasonable ingress and egress thereto and therefrom) on, in, and under all of the Leases and Lands associated with the Sharing Well for Exploration and Production Activities.

6. Production from any Sharing Well drilled hereunder shall not create any offset obligation, whether express or implied, and as to each Sharing Well, this Agreement shall be deemed to constitute complete protection of each Interest Owner's correlative rights and shall not be construed as drainage. Each of the undersigned further agrees that this Agreement affects only production from each Sharing Well drilled hereunder, and in no way affects ownership of Minerals under any other wells drilled or to be drilled which are not Sharing Wells. In the event any Sharing Well is plugged back or recompleted in such manner that the well no longer falls within the above definition of a Horizontal Well, such well shall no longer be considered a Sharing Well for purposes of this Agreement. In the event any Sharing Well is plugged back or recompleted such that the wellbore continues to be a Sharing Well but the Productive Drainhole Length is altered, the Allocation Factor shall be adjusted accordingly.
7. The provisions of the various leases, agreements, division orders, transfer orders, unit agreements and pooling agreements covering or affecting the Lands and the Lease are hereby amended to the extent necessary to make such instruments and agreements conform to the provisions herein, but not otherwise. In the case of conflict between the provisions of this Agreement and the provisions of such instruments and

agreements, the provisions of this Agreement shall control.

8. This Agreement shall become effective as to each Party upon such Party's execution and shall remain effective for so long as the Units shall remain in force and effect. Operator may terminate this Agreement by filing a notice of termination to that effect in the records of Karnes County, Texas.
9. **THIS AGREEMENT SHALL BE GOVERNED BY AND CONSTRUED IN ACCORDANCE WITH THE LAWS OF THE STATE OF TEXAS. ALL MATTERS LITIGATED BY, AMONG OR BETWEEN ANY OF THE PARTIES HEREUNDER THAT INVOLVE THIS AGREEMENT OR ANY RELATED DOCUMENTS OR MATTERS HEREUNDER SHALL BE BROUGHT ONLY IN HARRIS COUNTY, TEXAS, AND THE PARTIES HEREBY CONSENT TO THE EXERCISE OF JURISDICTION IN PERSONAM BY THE COURTS OF THE STATE OF TEXAS, COUNTY OF HARRIS, FOR ANY DISPUTE.**
10. TO THE EXTENT NOT PROHIBITED BY APPLICABLE LAW THAT CANNOT BE WAIVED, THE PARTIES HEREBY WAIVE, AND COVENANT THAT THEY WILL NOT ASSERT (WHETHER AS PLAINTIFF, DEFENDANT OR OTHERWISE), ANY RIGHT TO TRIAL BY JURY IN ANY ACTION ARISING IN WHOLE OR IN PART UNDER OR IN CONNECTION WITH THIS AGREEMENT, WHETHER NOW EXISTING OR HEREAFTER ARISING, AND WHETHER SOUNDING IN CONTRACT, TORT OR OTHERWISE. THE PARTIES AGREE THAT ANY OF THEM MAY FILE A COPY OF THIS PARAGRAPH WITH ANY COURT AS WRITTEN EVIDENCE

OF THE KNOWING, VOLUNTARY AND BARGAINED-FOR AMONG THE PARTIES IRREVOCABLY TO WAIVE ITS RIGHT TO TRIAL BY JURY IN ANY PROCEEDING WHATSOEVER BETWEEN THEM RELATING TO THIS AGREEMENT OR ANY OF THE CONTEMPLATED TRANSACTIONS WILL INSTEAD BE TRIED IN A COURT OF COMPETENT JURISDICTION BY A JUDGE SITTING WITHOUT A JURY.

~~11. In addition to the foregoing, each of the undersigned Interest Owners do hereby RATIFY, ADOPT, and CONFIRM the Leases under which such owner's interest is derived, and do hereby GRANT, LEASE and LET unto the Lease Owner(s) of such interest, all of Interest Owner's interest in the acreage covered by the Leases, subject to the same terms and conditions provided for therein, as same may have been heretofore amended.~~

12. This instrument may be executed in multiple counterparts, each of which shall be given the same effect as the execution of an original instrument. Failure of any Party hereto to execute a counterpart shall not render this instrument ineffective as to any other Party hereto who does execute a counterpart thereof, but shall be binding upon each executing Party and its, his or her heirs, legal representatives, successors and assigns. The executed counterparts may be combined into one or more instruments for recordation, by combining the signature pages and acknowledgments, and the executing Parties agree that such instruments shall be treated and given effect for all purposes as a single instrument.

05/15/11

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EXECUTED by each Party on the date shown for each such Party's acknowledgement.

INTEREST OWNER:

Date Executed: 4/24/2023

STATE OF TEXAS

D. Buckingham
DAWN BUCKINGHAM, M.D.
Commissioner, General Land Office

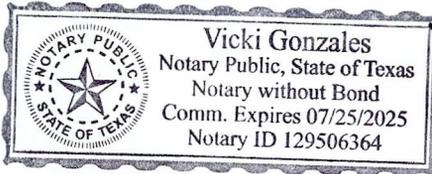
Approved:

leas. ALB
cont. MBB
legal MBB
exec. MBB

STATE OF TEXAS §

COUNTY OF TRAVIS §

This instrument was acknowledged before me this 24 day of April, 2023 by Dawn Buckingham, M.D., Commissioner, General Land Office.



Vicki Gonzales
NOTARY PUBLIC - State of Texas
My Commission Expires: 7/25/2025

LEASE OWNER:
REPSOL OIL & GAS USA, LLC

By: _____ Name: _____
Title: _____

OPERATOR:
REPSOL OIL & GAS USA, LLC

By: _____ Name: _____
Title: _____

NOTARY ACKNOWLEDGMENTS

STATE OF TEXAS §
 §
 COUNTY OF
MONTGOMERY §

This instrument was acknowledged before me on the _____ day of _____, 2023, by
_____, _____ for Repsol Oil &
Gas USA, LLC, a Texas limited liability company, on behalf of said company.

Notary Public, State of Texas

Certificate Of Completion

Envelope Id: 79020532363E4BA885540503EBBC2488
Subject: Please DocuSign - Energy Resources: HROW PSA Repsol Unit 5279 (Texas GLO)
Source Envelope:
Document Pages: 11
Certificate Pages: 2
AutoNav: Enabled
Envelopeld Stamping: Enabled
Time Zone: (UTC-06:00) Central Time (US & Canada)

Status: Completed
Envelope Originator:
David Villafranca
1700 Congress Ave
Austin, TX 78701
david.villafranca@glo.texas.gov
IP Address: 136.49.149.46

Record Tracking

Status: Original
4/20/2023 3:33:27 PM
Holder: David Villafranca
david.villafranca@glo.texas.gov

Location: DocuSign

Signer Events

Matt Bruns
Matt.Bruns@glo.texas.gov
Security Level: Email, Account Authentication (None)

Signature



Signature Adoption: Pre-selected Style
Using IP Address: 136.226.12.81

Timestamp

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Signed: 4/21/2023 6:46:37 AM

Electronic Record and Signature Disclosure:
Not Offered via DocuSign

Nick Orman
nick.orman@glo.texas.gov
Security Level: Email, Account Authentication (None)



Signature Adoption: Pre-selected Style
Using IP Address: 204.65.210.39

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Signed: 4/21/2023 9:05:42 AM

Electronic Record and Signature Disclosure:
Not Offered via DocuSign

Mark A. Havens
Mark.Havens@GLO.TEXAS.GOV
Chief Clerk and Deputy Land Commissioner
Texas General Land Office
Security Level: Email, Account Authentication (None)



Signature Adoption: Drawn on Device
Using IP Address: 204.65.210.48

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Electronic Record and Signature Disclosure:
Not Offered via DocuSign

In Person Signer Events

Signature

Timestamp

Editor Delivery Events

Status

Timestamp

Agent Delivery Events

Status

Timestamp

Intermediary Delivery Events

Status

Timestamp

Certified Delivery Events

Status

Timestamp

Carbon Copy Events

Status

Timestamp

Carbon Copy Events	Status	Timestamp
Mary Barnstone Mary.Barnstone@GLO.TEXAS.GOV Texas General Land Office Security Level: Email, Account Authentication (None) Electronic Record and Signature Disclosure: Not Offered via DocuSign	COPIED	Sent: 4/20/2023 3:34:43 PM Viewed: 4/21/2023 10:32:47 AM

Ashley McDaniel Ashley.McDaniel@glo.texas.gov Security Level: Email, Account Authentication (None) Electronic Record and Signature Disclosure: Not Offered via DocuSign	COPIED	Sent: 4/21/2023 9:05:43 AM
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Witness Events	Signature	Timestamp
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Notary Events	Signature	Timestamp
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Envelope Summary Events	Status	Timestamps
Envelope Sent	Hashed/Encrypted	4/20/2023 3:34:43 PM
Certified Delivered	Security Checked	4/21/2023 10:29:05 AM
Signing Complete	Security Checked	4/21/2023 10:29:09 AM
Completed	Security Checked	4/21/2023 10:29:09 AM

Payment Events	Status	Timestamps
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19

File No. MF112076

DeWitt County

PSA for Unit 5279

Date Filed: 4/25/23

Commissioner Dawn Buckingham, M.D.

By: MB Barnstae



Information for processing an Internal Non-Unit Transaction (iNut)
Horizontal Box

iNut No. 14482

GENERAL INFORMATION

Name of Well: Gano-Thieme-Matejek (SA) A2 A 2H (alloc)

API# 42-123-35286

Name of Operator: Repsol Oil & Gas USA, LLC

RRC # 02-298823

Operator Contact Person: April Luedecke

Email: april.luedecke@repsol.com

Counties: De Witt

ALLOCATION OF STATE UNITS AND/OR LEASES BASED ON HORIZONTAL BOX

Lease Type	Unit/Lease No	Total Horizontal Box	Unit Horizontal Box	Unit Royalty Decimal	Lease Royalty Decimal	RRAC Participation Factor	State Participation by Unit/Lease
HROW	5279/MF112076	145.832	75.377	0.00103793	0.25000000	0.00214592	0.00053648
HROW	5279/MF112872	145.832	75.377	0.00330180	0.25000000	0.00682648	0.00170662
HROW	5279/MF112874	145.832	75.377	0.00113175	0.25000000	0.00233990	0.00058497
Totals:						0.01131230	0.00282807
Effective Date:	8/12/2024						State Net Royalty Revenue in Well

Name of Production Sharing Agreement, if any:

Comments: Allocation well traverses Unit 5279. Well spud 8/12/2024. First production 4/2025. Allocation based on Horizontal Box. Final plat and allocation information received 6/9/2025.

Attach a plat showing the iNut well with length of laterals marked and the State lands marked.

Lease Types: Relinquishment Act Land (RAL), State Fee (SF), Free Royalty (FR), Unleased Riverbed (UR), Highway Right of Way (HROW), Unleased Highway (UH), Criminal Justice (TDCJ), Parks & Wildlife (TPW), Mineral Production Allocation (MPAA), Dept. of Aging (DADS), School for the Blind (SBVI), Stephen F. Austin (SFA), TX A&M (A&M).

Prepared by: MB Alamo updated by: MB WI updated by: MB

RAM approval by: VD GIS updated by: _____

DO NOT DESTROY



Texas General Land Office
UNIT AGREEMENT MEMO

INUT250001

Unit Number 14482
Operator Name Repsol Oil & Gas USA, LLC **Effective Date** 08/12/2024
Customer ID C000050215 **Unitized For** Oil And Gas
Unit Name Gano-Thieme-Matejek (SA) A2 A 2H (alloc) **Unit Term**
County 1 DeWitt **RRC District 1** 02 **Old Unit Number** **Inactive Status Date**
County 2 **RRC District 2**
County 3 **RRC District 3**
County 4 **RRC District 4**
Unit type iNut
State Net Revenue Interest Oil 0.00282807
State Part in Unit 0.01131230
Unit Depth Specified Depths **Well**
From Depth **Formation** Top of Eagle Ford to Base of Eagle Ford
To Depth **Participation Basis** Other
If Exclusions Apply: See Remarks

Lease Number	Tract No	Lease Acres in Unit	Total Unit Acres	Tract Participation	O/G	Lease Royalty	NRI of Lease in Unit	Royalty Rate Reduction Clause
MF112076		0.000000	0.000000	0.00214592	O/G	0.25000000	0.00053648	No
MF112872		0.000000	0.000000	0.00682648	O/G	0.25000000	0.00170662	No
MF112874		0.000000	0.000000	0.00233990	O/G	0.25000000	0.00058497	No

API Number

4212335286

Remarks:

Allocation well traverses Unit 5279. Well spud 8/12/2024. First production 4/2025. Allocation based on Horizontal Box. Final plat and allocation information received 6/9/2025.

Prepared By:

MB

Prepared Date:

6/11/25

GLO Base Updated By:

MB

GLO Base Date:

6/11/25

RAM Approval By:

VN

RAM Approval Date:

6/11/25

GIS By:

MB

GIS Date:

6/11/25

Well Inventory By:

MB

WI Date:

6/11/25

INwt 14482

A2-123-35286
02-298823
spud 8/12/2024

Mary Barnstone

From: LUEDECKE, APRIL <april.luedecke@repsol.com>
Sent: Monday, June 9, 2025 10:39 AM
To: Mary Barnstone
Cc: Verdis Daniels; MOLONEY, SHANE
Subject: [EXTERNAL] Repsol-Operated Gano-Matejek Allocation wells 1 of 4
Attachments: 2010044 TX GLO GANO-MATEJEK CALCS 6.9.25.xlsx; Gano-Thieme-Dlugo-Matej (SA) A3 A 3H_AS-DRILLED.pdf; Gano-Thieme-Matejek (SA) A2 A 2H_As-Drilled.pdf

just prod 4/2025
SugarKane (Eagle Ford)

Some people who received this message don't often get email from april.luedecke@repsol.com. [Learn why this is important](#)

Good afternoon, Mary.

Repsol has recently completed the following Gano-Matejek allocation unit wells.

133152	GANO-THIEME-MATEJEK (SA) A2 A 2H	4212335286
133153	GANO-THIEME-DLUGO-MATEJEK (SA) A3 A 3H	4212335287
133154	GANO-THIEME-DLUGO-MATEJEK (SA) A4 A 4H	4212335288
133155	GANO-DLUGOSCH-MATEJEK (SA) A5 A 5H	4212335289
133156	GANO-DLUGOSCH-MATEJEK (SA) A6 A 6H	4212335290
133157	GANO-DLUGO-ECKHA-MATEJ (SA) A7 A 7H	4212335291
133158	GANO-DLUGOSCH-ECKHARDT (SA) A8 A 8H	4212335292

Additionally, we have set up a new DOI for payments on the Matejek and have used the acreage factor out to the 8th decimal place for accuracy. This has resulted in a minor upward adjustment to the GLO payment.

123600	MATEJEK GAS UNIT 1 1	4212332413
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I am attaching the As-Drilled Plats and a spreadsheet with all calculations for your files. Please provide us with fact sheets to set up payments for the new allocation wells. Also, send a sheet for the Matejek Gas Unit 1 1 if one is needed. Please let me know if you need any additional information.

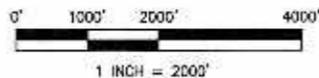
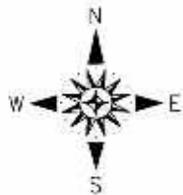
(This email is being broken into four separate messages for attachment file size.)

Thank you,

April Luedecke
Division Order Analyst
2455 Technology Forest Blvd.
The Woodlands, TX 77381

april.luedecke@repsol.com





UNIT NAME	HORIZONTAL DRILL LENGTH
GANO GAS UNIT 1	1,801.92' (FTP-LL)
THIEME GAS UNIT 1	3,068.44' (LL-LL)
MATEJEK GAS UNIT 1	4,974.92' (LL-LTP)
TOTAL	9,845.28 FEET

GANO GAS UNIT 1 ACRES TABLE

TRACT	LESSOR	MEASURED	PCT.
01	JAMES GANO, ET AL.	190.73	25.95
02	EDWINE R. GANO, ET AL.	331.48	33.34
03	ALVIN JOYCE BARKER/JOHN CINCINNUS BARKER	341.83	35.46
04	LLOYD A. REED & DONN T. REED	104.73	1.08
05	EDWINE R. GANO, ET AL.	6.26	1.00
TOTAL		1075.99	100.00

THIEME GAS UNIT 1 ACRES TABLE

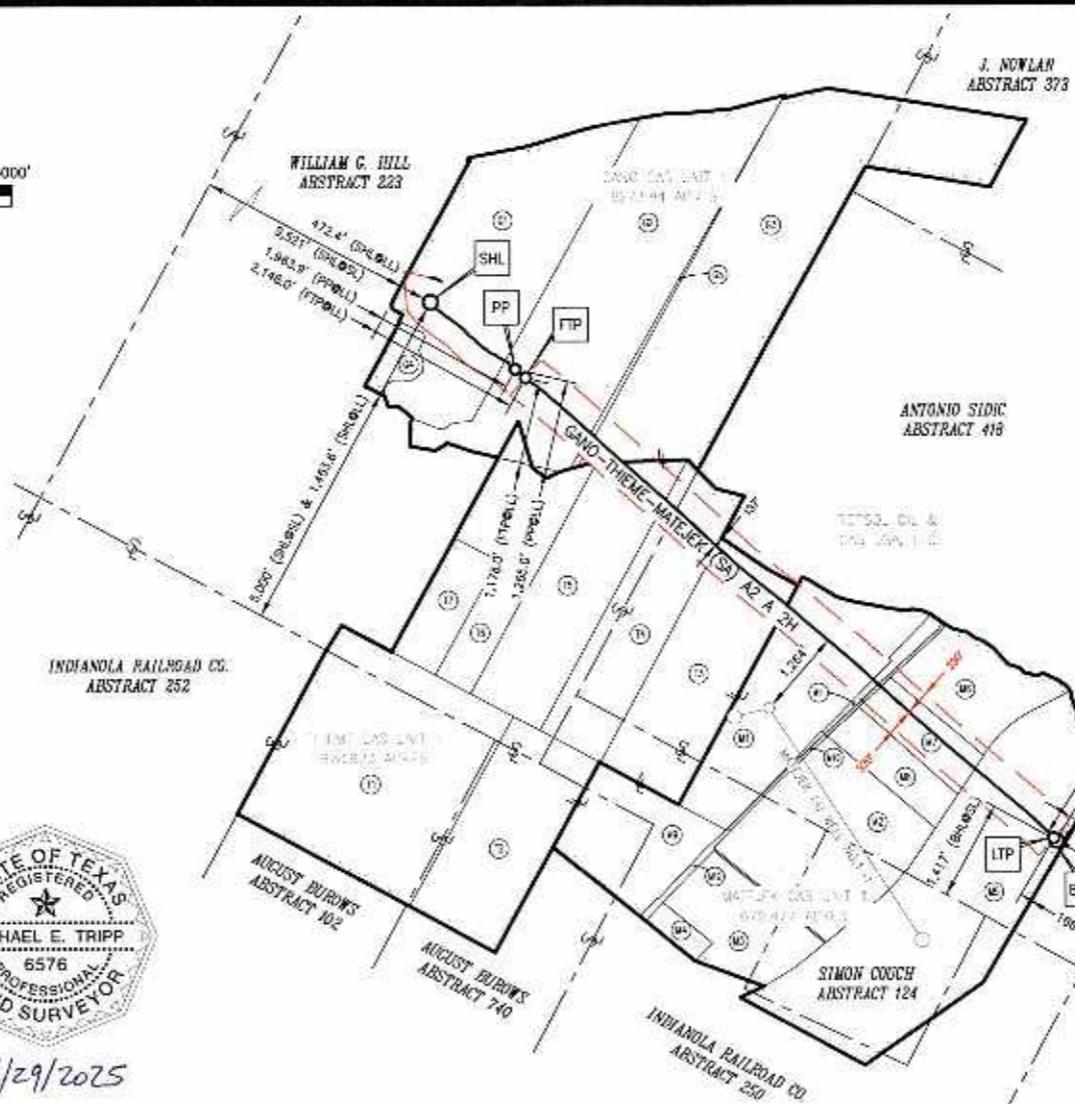
TRACT	LESSOR	MEASURED	PCT.
11	ROBERT WY SAKER	191.28	26.15
12	BEITH DEWEE	55.21	14.25
13	LAMAR R. BLAGGINS, ET AL.	191.65	14.87
14	CLARENCE THIEME	52.82	13.85
15	CLARENCE THOMAS THIEME	181.24	14.21
16	CLARENCE E. THIEME, JR.	66.79	10.22
17	CLARENCE E. THIEME, JR.	33.95	4.27
TOTAL		819.53	100.00

MATEJEK GAS UNIT 1 ACRES TABLE

TRACT	LESSOR	MEASURED	PCT.
01	CARL WATLEY AND WIFE, SIMON R. WATLEY	1103.91	16.227
02	HELEN LOUISE EDNA MORRIS, ET AL.	107.00	10.000
03	FRANCIS ROY MILES, ET AL.	48.307	3.257
04	VILLI GARDNER HOLT, ET AL.	7.225	1.363
05	FERE DUGOSCH, ET AL.	226.694	35.437
06	GAYLE A. TOSKALE AND WAYNE T. TOSKALE	48.709	7.255
07	WYATT OSBORN WILLIAMS	25.835	3.773
08	BOBBY LEE FURNHAM, ET AL.	25.835	3.773
09	GREG WILLIAMS, ET AL.	32.174	5.100
10	STATE OF TEXAS	2.681	0.415
11	STATE OF TEXAS	3.074	1.201
12	STATE OF TEXAS	3.076	0.603
TOTAL		675.477	100.00



4/29/2025



COMBINED ACRES	
GANO GAS UNIT 1	627.984 ACRES
THIEME GAS UNIT 1	678.923 ACRES
MATEJEK GAS UNIT 1	679.477 ACRES
TOTAL	1,986.384 ACRES

UNIT NAME	HORIZONTAL DRILL ACRES
GANO GAS UNIT 1	27.314 ACRES
THIEME GAS UNIT 1	43.141 ACRES
MATEJEK GAS UNIT 1	75.377 ACRES
TOTAL	145.832 ACRES

SURFACE HOLE LOCATION (SHL)
 X=2,449,957.67
 Y=415,133.89
 LAT=28.9676467°
 LON=-97.5927482°
 SURFACE ELEVATION=270.93'

PENETRATION POINT (PP)
 X=2,451,141.62
 Y=414,183.98
 LAT=28.9650115°
 LON=-97.5890794°

FIRST TAKE POINT (FTP)
 X=2,451,284.11
 Y=414,066.95
 LAT=28.9648683°
 LON=-97.5885384°

LAST TAKE POINT (LTP)
 X=2,455,564.84
 Y=407,578.86
 LAT=28.9465788°
 LON=-97.5657442°

BOTTOM HOLE LOCATION (BHL)
 X=2,458,720.49
 Y=407,543.93
 LAT=28.9484787°
 LON=-97.5656341°

BEARINGS AND COORDINATES SHOWN ON THIS MAP ARE BASED ON THE TEXAS STATE PLANE COORDINATE SYSTEM OF 1927, SOUTH CENTRAL ZONE.

THIS MAP WAS PREPARED FOR AREA COMPUTATIONS OF MINERAL OWNERSHIP AND DOES NOT REPRESENT A CURRENT OWNERSHIP BOUNDARY SURVEY.

RECORDS RESEARCH WAS PROVIDED BY THE CLIENT OR CLIENT'S REPRESENTATIVES AND NO ADDITIONAL RESEARCH WAS REQUIRED TO PREPARE THIS MAP.

LESSOR NAMES ARE PROVIDED BY THE CLIENT'S REPRESENTATIVE AND NOT BY THE SURVEYOR.

THIS MAP WAS PREPARED FROM AN ACTUAL ON THE GROUND SURVEY PERFORMED UNDER MY SUPERVISION DURING FEBRUARY 2023.

Michael E. Tripp

MICHAEL E. TRIPP
 REGISTERED PROFESSIONAL LAND SURVEYOR
 STATE OF TEXAS NO. 6576

AS-DRILLED WELL PLAT
 REPSOL OIL & GAS USA, LLC
 GANO-THIEME-MATEJEK (SA) A2 A 2H
 COMBINED 1,986.384 ACRES
 J. NOWLAN SURVEY, A-373,
 WILLIAM G. HILL SURVEY, A-223,
 ANTONIO SIDIC SURVEY, A-418,
 AUGUST BURROWS SURVEY, A-102,
 AUGUST BURROWS SURVEY, A-740,
 INDIANOLA RAILROAD CO. SURVEY, A-250,
 SIMON COUCH SURVEY, A-124
 DEWITT COUNTY, TEXAS

GANO-THIEME-MATEJEK (SA) A2 A 2H SURFACE HOLE LOCATION BEARS S80°00'00"W - 5.11 MILES FROM YORKTOWN, TEXAS

- LEGEND**
- SHL = SURFACE HOLE LOCATION
 - PP = PENETRATION POINT
 - FTP = FIRST TAKE POINT
 - LTP = LAST TAKE POINT
 - BHL = BOTTOM HOLE LOCATION
 - - - = APPROXIMATE SURVEY ABSTRACT LINE
 - L = LEASE LINE

PERCHERON
 PROFESSIONAL SERVICES, L.L.C.
 1904 WEST GRAND PARKWAY N. SUITE 200
 KATY, TEXAS 77449
 (832) 300-6400
 TEXAS SURVEYING FIRM
 LICENSE: 10020700, TEXAS
 ENGINEERING FIRM LICENSE: 20448

SCHEDULE OF CALCULATIONS
STATE OF TEXAS, COMMISSIONER OF THE GENERAL LAND OFFICE
VARIOUS ALLOCATION WELLS INCLUDING LEASES IN THE MATEJEK AND ECKHARDT RANCH UNITS

Prop #	Prop Name	API	First Production	GLO ID	BA No	BA Name	Int Type	Int Seq	Tract MI	Lse Roy	Unit Allocation	Well Allocation	Well NRI	Fraction	NRI CHECK
133152	GANO-THIEME-MATEJEK (SA) A2 A 2H	4212335286	4/19/2025	MF 112076	2010044	Commissioner Of The General Land	RI	1	1	0.25	0.00415172	0.51687558	0.00053648	MATEJEK UT TR 10: 1 x 0.25 x 2.821/679.477 x 75.377/145.832	0.00053648
133152	GANO-THIEME-MATEJEK (SA) A2 A 2H	4212335286	4/19/2025	MF 112872	2010044	Commissioner Of The General Land	RI	2	1	0.25	0.01320722	0.51687558	0.00170662	MATEJEK UT TR 11: 1 x 0.25 x 8.974/679.477 x 75.377/145.832	0.00170662
133152	GANO-THIEME-MATEJEK (SA) A2 A 2H	4212335286	4/19/2025	MF 112874	2010044	Commissioner Of The General Land	RI	3	1	0.25	0.00452701	0.51687558	0.00058497	MATEJEK UT TR 12: 1 x 0.25 x 3.076/679.477 x 75.377/145.832	0.00058498
													0.00282807		
Prop #	Prop Name	API	First Production	GLO ID	BA No	BA Name	Int Type	Int Seq	Tract MI	Lse Roy	Unit Allocation	Well Allocation	Well NRI	Fraction	NRI CHECK
133153	GANO-THIEME-DLUGO-MATEJEK (SA) A3 A 3H	4212335287	4/19/2025	MF 112076	2010044	Commissioner Of The General Land	RI	1	1	0.25	0.00415172	0.50154104	0.00052057	MATEJEK UT TR 10: 1 x 0.25 x 2.821/679.477 x 74.204/147.952	0.00052056
133153	GANO-THIEME-DLUGO-MATEJEK (SA) A3 A 3H	4212335287	4/19/2025	MF 112872	2010044	Commissioner Of The General Land	RI	2	1	0.25	0.01320722	0.50154104	0.00165599	MATEJEK UT TR 11: 1 x 0.25 x 8.974/679.477 x 74.204/147.952	0.00165599
133153	GANO-THIEME-DLUGO-MATEJEK (SA) A3 A 3H	4212335287	4/19/2025	MF 112874	2010044	Commissioner Of The General Land	RI	3	1	0.25	0.00452701	0.50154104	0.00056762	MATEJEK UT TR 12: 1 x 0.25 x 3.076/679.477 x 74.204/147.952	0.00056762
													0.00274418		
Prop #	Prop Name	API	First Production	GLO ID	BA No	BA Name	Int Type	Int Seq	Tract MI	Lse Roy	Unit Allocation	Well Allocation	Well NRI	Fraction	NRI CHECK
133154	GANO-THIEME-DLUGO-MATEJEK (SA) A4 A 4H	4212335288	4/19/2025	MF 112076	2010044	Commissioner Of The General Land	RI	1	1	0.25	0.00415172	0.43441832	0.00045090	MATEJEK UT TR 10: 1 x 0.25 x 2.821/679.477 x 67.092/154.441	0.00045090
133154	GANO-THIEME-DLUGO-MATEJEK (SA) A4 A 4H	4212335288	4/19/2025	MF 112872	2010044	Commissioner Of The General Land	RI	2	1	0.25	0.01320722	0.43441832	0.00143437	MATEJEK UT TR 11: 1 x 0.25 x 8.974/679.477 x 67.092/154.441	0.00143436
133154	GANO-THIEME-DLUGO-MATEJEK (SA) A4 A 4H	4212335288	4/19/2025	MF 112874	2010044	Commissioner Of The General Land	RI	3	1	0.25	0.00452701	0.43441832	0.00049165	MATEJEK UT TR 12: 1 x 0.25 x 3.076/679.477 x 67.092/154.441	0.00049165
													0.00237692		
Prop #	Prop Name	API	First Production	GLO ID	BA No	BA Name	Int Type	Int Seq	Tract MI	Lse Roy	Unit Allocation	Well Allocation	Well NRI	Fraction	NRI CHECK
133155	GANO-DLUGOSCH-MATEJEK (SA) A5 A 5H	4212335289	4/19/2025	MF 112076	2010044	Commissioner Of The General Land	RI	1	1	0.25	0.00415172	0.37957950	0.00039398	MATEJEK UT TR 10: 1 x 0.25 x 2.821/679.477 x 57.285/150.917	0.00039398
133155	GANO-DLUGOSCH-MATEJEK (SA) A5 A 5H	4212335289	4/19/2025	MF 112872	2010044	Commissioner Of The General Land	RI	2	1	0.25	0.01320722	0.37957950	0.00125330	MATEJEK UT TR 11: 1 x 0.25 x 8.974/679.477 x 57.285/150.917	0.00125330
133155	GANO-DLUGOSCH-MATEJEK (SA) A5 A 5H	4212335289	4/19/2025	MF 112874	2010044	Commissioner Of The General Land	RI	3	1	0.25	0.00452701	0.37957950	0.00042959	MATEJEK UT TR 12: 1 x 0.25 x 3.076/679.477 x 57.285/150.917	0.00042959
													0.00207687		
Prop #	Prop Name	API	First Production	GLO ID	BA No	BA Name	Int Type	Int Seq	Tract MI	Lse Roy	Unit Allocation	Well Allocation	Well NRI	Fraction	NRI CHECK
133156	GANO-DLUGOSCH-MATEJEK (SA) A6 A 6H	4212335290	4/19/2025	MF 112076	2010044	Commissioner Of The General Land	RI	1	1	0.25	0.00415172	0.26478507	0.00027483	MATEJEK UT TR 10: 1 x 0.25 x 2.821/679.477 x 38.258/144.487	0.00027483
133156	GANO-DLUGOSCH-MATEJEK (SA) A6 A 6H	4212335290	4/19/2025	MF 112872	2010044	Commissioner Of The General Land	RI	2	1	0.25	0.01320722	0.26478507	0.00087427	MATEJEK UT TR 11: 1 x 0.25 x 8.974/679.477 x 38.258/144.487	0.00087427
133156	GANO-DLUGOSCH-MATEJEK (SA) A6 A 6H	4212335290	4/19/2025	MF 112874	2010044	Commissioner Of The General Land	RI	3	1	0.25	0.00452701	0.26478507	0.00029967	MATEJEK UT TR 12: 1 x 0.25 x 3.076/679.477 x 38.258/144.487	0.00029967
133156	GANO-DLUGOSCH-MATEJEK (SA) A6 A 6H	4212335290	4/19/2025	MF 116850	2010044	Commissioner Of The General Land	RI	4	1	0.25	0.00970540	0.03209285	0.00007788	ECKHARDT RANCH UT TR 3, 4: 1 x 0.25 x 10.473/1079.09 x 4.637/144.487	0.00007787
													0.00152665		
Prop #	Prop Name	API	First Production	GLO ID	BA No	BA Name	Int Type	Int Seq	Tract MI	Lse Roy	Unit Allocation	Well Allocation	Well NRI	Fraction	NRI CHECK
133157	GANO-DLUGO-ECKHA-MATEJ (SA) A7 A 7H	4212335291	4/19/2025	MF 112076	2010044	Commissioner Of The General Land	RI	1	1	0.25	0.00415172	0.13400381	0.00013909	MATEJEK UT TR 10: 1 x 0.25 x 2.821/679.477 x 20.386/152.13	0.00013909
133157	GANO-DLUGO-ECKHA-MATEJ (SA) A7 A 7H	4212335291	4/19/2025	MF 112872	2010044	Commissioner Of The General Land	RI	2	1	0.25	0.01320722	0.13400381	0.00044246	MATEJEK UT TR 11: 1 x 0.25 x 8.974/679.477 x 20.386/152.13	0.00044245
133157	GANO-DLUGO-ECKHA-MATEJ (SA) A7 A 7H	4212335291	4/19/2025	MF 112874	2010044	Commissioner Of The General Land	RI	3	1	0.25	0.00452701	0.13400381	0.00015166	MATEJEK UT TR 12: 1 x 0.25 x 3.076/679.477 x 20.386/152.13	0.00015166
133157	GANO-DLUGO-ECKHA-MATEJ (SA) A7 A 7H	4212335291	4/19/2025	MF 116850	2010044	Commissioner Of The General Land	RI	4	1	0.25	0.00970540	0.17266812	0.00041896	ECKHARDT RANCH UT TR 3, 4: 1 x 0.25 x 10.473/1079.09 x 26.268/152.13	0.00041895
													0.00115217		
Prop #	Prop Name	API	First Production	GLO ID	BA No	BA Name	Int Type	Int Seq	Tract MI	Lse Roy	Unit Allocation	Well Allocation	Well NRI	Fraction	NRI CHECK
133158	GANO-DLUGOSCH-ECKHARDT (SA) A8 A 8H	4212335292	4/19/2025	MF 116850	2010044	Commissioner Of The General Land	RI	4	1	0.25	0.00970540	0.34419972	0.00083515	ECKHARDT RANCH UT TR 3, 4: 1 x 0.25 x 10.473/1079.09 x 38.258/144.487	0.00083515
													0.00083515		

Prop # Repsol-assigned well number
Prop Name Repsol-entered property name
API Repsol entered
First Production Date of first production
GLO ID State-assigned lease identification number
BA No Repsol assigned owner number
BA Name Repsol entered owner name
Int Type RI is Royalty Interest
Int Seq Sequence assigned to lease interest in unit
Tract MI Tract Mineral Interest
Lse Roy Lease Royalty Rate
Unit Allocation Tract acreage / unit acreage
Well Allocation PSA unit "box" acreage / well "box" total acreage
Well NRI Final well level NRI for lease
Fraction Fractional calculation
NRI Check Tract MI x Lse Roy x Unit Alloc x Well Alloc

20
File No. MF112076
DeWitt County
iNwt1448a
Date Filed: 6/18/25
Commissioner Dawn Buckingham, M.D.
By: LZ



Information for processing an Internal Non-Unit Transaction (iNut)
Horizontal Box

iNut No. 14483

GENERAL INFORMATION

Name of Well: Gano-Thieme-Dlugo-Matejek (SA) A3 A 3H (alloc) API# 42-123-35287
 Name of Operator: Repsol Oil & Gas USA, LLC RRC # 02-298589
 Operator Contact Person: April Luedecke Email: april.luedecke@repsol.com
 Counties: De Witt

ALLOCATION OF STATE UNITS AND/OR LEASES BASED ON HORIZONTAL BOX

Lease Type	Unit/Lease No	Total Horizontal Box	Unit Horizontal Box	Unit Royalty Decimal	Lease Royalty Decimal	RRAC Participation Factor	State Participation by Unit/Lease
HROW	5279/MF112076	147.952	74.204	0.00103793	0.25000000	0.00208226	0.00052056
HROW	5279/MF112872	147.952	74.204	0.00330180	0.25000000	0.00662395	0.00165599
HROW	5279/MF112874	147.952	74.204	0.00113175	0.25000000	0.00227048	0.00056762
Totals:						0.01097669	0.00274417
Effective Date:	8/11/2024						State Net Royalty Revenue in Well

Name of Production Sharing Agreement, if any:

Comments: Allocation well traverses Unit 5279. Well spud 8/11/2024. First production 4/2025. Allocation based on Horizontal Box. Final, as-drilled plat and allocation information received 6/9/2025.

Attach a plat showing the iNut well with length of laterals marked and the State lands marked.

Lease Types: Relinquishment Act Land (RAL), State Fee (SF), Free Royalty (FR), Unleased Riverbed (UR), Highway Right of Way (HROW), Unleased Highway (UH), Criminal Justice (TDCJ), Parks & Wildlife (TPW), Mineral Production Allocation (MPAA), Dept. of Aging (DADS), School for the Blind (SBVI), Stephen F. Austin (SFA), TX A&M (A&M).

Prepared by: MB Alamo updated by: MB WI updated by: MB
 RAM approval by: VD GIS updated by: _____

DO NOT DESTROY



Texas General Land Office UNIT AGREEMENT MEMO

INUT250001

Unit Number 14483
Operator Name Repsol Oil & Gas USA, LLC
Customer ID C000050215
Unit Name Gano-Thieme-Dlugo-Matejek (SA) A3 A 3H (alloc)
County 1 DeWitt **RRC District 1** 02
County 2 **RRC District 2**
County 3 **RRC District 3**
County 4 **RRC District 4**
Unit type iNut
State Net Revenue Interest Oil 0.00274417
State Part in Unit 0.01097669
Unit Depth Specified Depths
From Depth **Well**
To Depth **Formation** Top of Eagle Ford to Base of Eagle Ford
Participation Basis Other
If Exclusions Apply: See Remarks

Effective Date 08/11/2024
Unitized For Oil And Gas
Unit Term
Old Unit Number - Inactive Status Date

Lease Number	Tract No	Lease Acres in Unit	Total Unit Acres	Tract Participation	O/G	Lease Royalty	NRI of Lease in Unit	Royalty Rate Reduction Clause
MF112076		0.000000	0.000000	0.00208226	O/G	0.25000000	0.00052056	No
MF112872		0.000000	0.000000	0.00662395	O/G	0.25000000	0.00165599	No
MF112874		0.000000	0.000000	0.00227048	O/G	0.25000000	0.00056762	No

API Number

4212335287

Remarks:

Allocation well traverses Unit 5279. Well spud 8/11/2024. First production 4/2025. Allocation based on Horizontal Box. Final plat and allocation information received 6/9/2025.

Prepared By:

MB

Prepared Date:

6/11/25

GLO Base Updated By:

MB

GLO Base Date:

6/11/25

RAM Approval By:

VD

RAM Approval Date:

6/11/25

GIS By:

MB

GIS Date:

6/11/25

Well Inventory By:

MB

WI Date:

6/11/25

1 Nut 14483

42-123-35287
02-298589

Mary Barnstone

From: LUEDECKE, APRIL <april.luedecke@repsol.com>
Sent: Monday, June 9, 2025 10:39 AM
To: Mary Barnstone
Cc: Verdis Daniels; MOLONEY, SHANE
Subject: [EXTERNAL] Repsol-Operated Gano-Matejek Allocation wells 1 of 4
Attachments: 2010044 TX GLO GANO-MATEJEK CALCS 6.9.25.xlsx; Gano-Thieme-Dlugo-Matej (SA) A3 A 3H_AS-DRILLED.pdf; Gano-Thieme-Matejek (SA) A2 A 2H_As-Drilled.pdf

*spud 8/11/2024
first prod 4/2025
Sugarkane (Eagle Ford)*

Some people who received this message don't often get email from april.luedecke@repsol.com. [Learn why this is important](#)

Good afternoon, Mary.

Repsol has recently completed the following Gano-Matejek allocation unit wells.

133152	GANO-THIEME-MATEJEK (SA) A2 A 2H	4212335286
133153	GANO-THIEME-DLUGO-MATEJEK (SA) A3 A 3H	4212335287
133154	GANO-THIEME-DLUGO-MATEJEK (SA) A4 A 4H	4212335288
133155	GANO-DLUGOSCH-MATEJEK (SA) A5 A 5H	4212335289
133156	GANO-DLUGOSCH-MATEJEK (SA) A6 A 6H	4212335290
133157	GANO-DLUGO-ECKHA-MATEJ (SA) A7 A 7H	4212335291
133158	GANO-DLUGOSCH-ECKHARDT (SA) A8 A 8H	4212335292

Additionally, we have set up a new DOI for payments on the Matejek and have used the acreage factor out to the 8th decimal place for accuracy. This has resulted in a minor upward adjustment to the GLO payment.

123600	MATEJEK GAS UNIT 1 1	4212332413
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I am attaching the As-Drilled Plats and a spreadsheet with all calculations for your files. Please provide us with fact sheets to set up payments for the new allocation wells. Also, send a sheet for the Matejek Gas Unit 1 1 if one is needed. Please let me know if you need any additional information.

(This email is being broken into four separate messages for attachment file size.)

Thank you,

April Luedecke
Division Order Analyst
 2455 Technology Forest Blvd.
 The Woodlands, TX 77381

april.luedecke@repsol.com



SCHEDULE OF CALCULATIONS
STATE OF TEXAS, COMMISSIONER OF THE GENERAL LAND OFFICE
VARIOUS ALLOCATION WELLS INCLUDING LEASES IN THE MATEJEK AND ECKHARDT RANCH UNITS

Prop #	Prop Name	API	First Production	GLO ID	BA No	BA Name	Int Type	Int Seq	Tract MI	Lse Roy	Unit Allocation	Well Allocation	Well NRI	Fraction	NRI CHECK
133152	GANO-THIEME-MATEJEK (SA) A2 A 2H	4212335286	4/19/2025	MF 112076	2010044	Commissioner Of The General Land	RI	1	1	0.25	0.00415172	0.51687558	0.00053648	MATEJEK UT TR 10: 1 x 0.25 x 2.821/679.477 x 75.377/145.832	0.00053648
133152	GANO-THIEME-MATEJEK (SA) A2 A 2H	4212335286	4/19/2025	MF 112872	2010044	Commissioner Of The General Land	RI	2	1	0.25	0.01320722	0.51687558	0.00170662	MATEJEK UT TR 11: 1 x 0.25 x 8.974/679.477 x 75.377/145.832	0.00170662
133152	GANO-THIEME-MATEJEK (SA) A2 A 2H	4212335286	4/19/2025	MF 112874	2010044	Commissioner Of The General Land	RI	3	1	0.25	0.00452701	0.51687558	0.00058497	MATEJEK UT TR 12: 1 x 0.25 x 3.076/679.477 x 75.377/145.832	0.00058498
													0.00282807		

Prop #	Prop Name	API	First Production	GLO ID	BA No	BA Name	Int Type	Int Seq	Tract MI	Lse Roy	Unit Allocation	Well Allocation	Well NRI	Fraction	NRI CHECK
133153	GANO-THIEME-DLUGO-MATEJEK (SA) A3 A 3H	4212335287	4/19/2025	MF 112076	2010044	Commissioner Of The General Land	RI	1	1	0.25	0.00415172	0.50154104	0.00052057	MATEJEK UT TR 10: 1 x 0.25 x 2.821/679.477 x 74.204/147.952	0.00052056
133153	GANO-THIEME-DLUGO-MATEJEK (SA) A3 A 3H	4212335287	4/19/2025	MF 112872	2010044	Commissioner Of The General Land	RI	2	1	0.25	0.01320722	0.50154104	0.00165599	MATEJEK UT TR 11: 1 x 0.25 x 8.974/679.477 x 74.204/147.952	0.00165599
133153	GANO-THIEME-DLUGO-MATEJEK (SA) A3 A 3H	4212335287	4/19/2025	MF 112874	2010044	Commissioner Of The General Land	RI	3	1	0.25	0.00452701	0.50154104	0.00056762	MATEJEK UT TR 12: 1 x 0.25 x 3.076/679.477 x 74.204/147.952	0.00056762
													0.00274418		

Prop #	Prop Name	API	First Production	GLO ID	BA No	BA Name	Int Type	Int Seq	Tract MI	Lse Roy	Unit Allocation	Well Allocation	Well NRI	Fraction	NRI CHECK
133154	GANO-THIEME-DLUGO-MATEJEK (SA) A4 A 4H	4212335288	4/19/2025	MF 112076	2010044	Commissioner Of The General Land	RI	1	1	0.25	0.00415172	0.43441832	0.00045090	MATEJEK UT TR 10: 1 x 0.25 x 2.821/679.477 x 67.092/154.441	0.00045090
133154	GANO-THIEME-DLUGO-MATEJEK (SA) A4 A 4H	4212335288	4/19/2025	MF 112872	2010044	Commissioner Of The General Land	RI	2	1	0.25	0.01320722	0.43441832	0.00143436	MATEJEK UT TR 11: 1 x 0.25 x 8.974/679.477 x 67.092/154.441	0.00143436
133154	GANO-THIEME-DLUGO-MATEJEK (SA) A4 A 4H	4212335288	4/19/2025	MF 112874	2010044	Commissioner Of The General Land	RI	3	1	0.25	0.00452701	0.43441832	0.00049165	MATEJEK UT TR 12: 1 x 0.25 x 3.076/679.477 x 67.092/154.441	0.00049165
													0.00237692		

Prop #	Prop Name	API	First Production	GLO ID	BA No	BA Name	Int Type	Int Seq	Tract MI	Lse Roy	Unit Allocation	Well Allocation	Well NRI	Fraction	NRI CHECK
133155	GANO-DLUGOSCH-MATEJEK (SA) A5 A 5H	4212335289	4/19/2025	MF 112076	2010044	Commissioner Of The General Land	RI	1	1	0.25	0.00415172	0.37957950	0.00039398	MATEJEK UT TR 10: 1 x 0.25 x 2.821/679.477 x 57.285/150.917	0.00039398
133155	GANO-DLUGOSCH-MATEJEK (SA) A5 A 5H	4212335289	4/19/2025	MF 112872	2010044	Commissioner Of The General Land	RI	2	1	0.25	0.01320722	0.37957950	0.00125330	MATEJEK UT TR 11: 1 x 0.25 x 8.974/679.477 x 57.285/150.917	0.00125330
133155	GANO-DLUGOSCH-MATEJEK (SA) A5 A 5H	4212335289	4/19/2025	MF 112874	2010044	Commissioner Of The General Land	RI	3	1	0.25	0.00452701	0.37957950	0.00042959	MATEJEK UT TR 12: 1 x 0.25 x 3.076/679.477 x 57.285/150.917	0.00042959
													0.00207687		

Prop #	Prop Name	API	First Production	GLO ID	BA No	BA Name	Int Type	Int Seq	Tract MI	Lse Roy	Unit Allocation	Well Allocation	Well NRI	Fraction	NRI CHECK
133156	GANO-DLUGOSCH-MATEJEK (SA) A6 A 6H	4212335290	4/19/2025	MF 112076	2010044	Commissioner Of The General Land	RI	1	1	0.25	0.00415172	0.26478507	0.00027483	MATEJEK UT TR 10: 1 x 0.25 x 2.821/679.477 x 38.258/144.487	0.00027483
133156	GANO-DLUGOSCH-MATEJEK (SA) A6 A 6H	4212335290	4/19/2025	MF 112872	2010044	Commissioner Of The General Land	RI	2	1	0.25	0.01320722	0.26478507	0.00087427	MATEJEK UT TR 11: 1 x 0.25 x 8.974/679.477 x 38.258/144.487	0.00087427
133156	GANO-DLUGOSCH-MATEJEK (SA) A6 A 6H	4212335290	4/19/2025	MF 112874	2010044	Commissioner Of The General Land	RI	3	1	0.25	0.00452701	0.26478507	0.00029967	MATEJEK UT TR 12: 1 x 0.25 x 3.076/679.477 x 38.258/144.487	0.00029967
133156	GANO-DLUGOSCH-MATEJEK (SA) A6 A 6H	4212335290	4/19/2025	MF 116850	2010044	Commissioner Of The General Land	RI	4	1	0.25	0.00970540	0.03209285	0.00007788	ECKHARDT RANCH UT TR 3, 4: 1 x 0.25 x 10.473/1079.09 x 4.637/144.487	0.00007787
													0.00152665		

Prop #	Prop Name	API	First Production	GLO ID	BA No	BA Name	Int Type	Int Seq	Tract MI	Lse Roy	Unit Allocation	Well Allocation	Well NRI	Fraction	NRI CHECK
133157	GANO-DLUGO-ECKHA-MATEJ (SA) A7 A 7H	4212335291	4/19/2025	MF 112076	2010044	Commissioner Of The General Land	RI	1	1	0.25	0.00415172	0.13400381	0.00013909	MATEJEK UT TR 10: 1 x 0.25 x 2.821/679.477 x 20.386/152.13	0.00013909
133157	GANO-DLUGO-ECKHA-MATEJ (SA) A7 A 7H	4212335291	4/19/2025	MF 112872	2010044	Commissioner Of The General Land	RI	2	1	0.25	0.01320722	0.13400381	0.00044245	MATEJEK UT TR 11: 1 x 0.25 x 8.974/679.477 x 20.386/152.13	0.00044245
133157	GANO-DLUGO-ECKHA-MATEJ (SA) A7 A 7H	4212335291	4/19/2025	MF 112874	2010044	Commissioner Of The General Land	RI	3	1	0.25	0.00452701	0.13400381	0.00015166	MATEJEK UT TR 12: 1 x 0.25 x 3.076/679.477 x 20.386/152.13	0.00015166
133157	GANO-DLUGO-ECKHA-MATEJ (SA) A7 A 7H	4212335291	4/19/2025	MF 116850	2010044	Commissioner Of The General Land	RI	4	1	0.25	0.00970540	0.17266812	0.00041896	ECKHARDT RANCH UT TR 3, 4: 1 x 0.25 x 10.473/1079.09 x 26.268/152.13	0.00041895
													0.00115217		

Prop #	Prop Name	API	First Production	GLO ID	BA No	BA Name	Int Type	Int Seq	Tract MI	Lse Roy	Unit Allocation	Well Allocation	Well NRI	Fraction	NRI CHECK
133158	GANO-DLUGOSCH-ECKHARDT (SA) A8 A 8H	4212335292	4/19/2025	MF 116850	2010044	Commissioner Of The General Land	RI	4	1	0.25	0.00970540	0.34419972	0.00083515	ECKHARDT RANCH UT TR 3, 4: 1 x 0.25 x 10.473/1079.09 x 38.258/144.487	0.00083515
													0.00083515		

Prop # Repsol-assigned well number
Prop Name Repsol-entered property name
API API number
First Production Date of first production
GLO ID State-assigned lease identification number
BA No Repsol assigned owner number
BA Name Repsol entered owner name
Int Type RI is Royalty Interest
Int Seq Sequence assigned to lease interest in unit
Tract MI Tract Mineral Interest
Lse Roy Lease Royalty Rate
Unit Allocation Tract acreage / unit acreage
Well Allocation PSA unit "box" acreage / well "box" total acreage
Well NRI Final well level NRI for lease
Fraction Fractional calculation
NRI Check Tract MI x Lse Roy x Unit Alloc x Well Alloc

File No. MF112076
Dewitt County
iNvt14483
Date Filed: 6/18/25
Commissioner Dawn Buckingham, M.D.
By: LZ



Information for processing an Internal Non-Unit Transaction (iNut)
Horizontal Box

iNut No. 14484

GENERAL INFORMATION

Name of Well: Gano-Thieme-Dlugo-Matejek (SA) A4 A 4H (alloc) API# 42-123-35288
 Name of Operator: Repsol Oil & Gas USA, LLC RRC # 02-298688
 Operator Contact Person: April Luedecke Email: april.luedecke@repsol.com
 Counties: De Witt

ALLOCATION OF STATE UNITS AND/OR LEASES BASED ON HORIZONTAL BOX

Lease Type	Unit/Lease No	Total Horizontal Box	Unit Horizontal Box	Unit Royalty Decimal	Lease Royalty Decimal	RRAC Participation Factor	State Participation by Unit/Lease
HROW	5279/MF112076	154.441	67.092	0.00103793	0.25000000	0.00180358	0.00045090
HROW	5279/MF112872	154.441	67.092	0.00330180	0.25000000	0.00573745	0.00143436
HROW	5279/MF112874	154.441	67.092	0.00113175	0.25000000	0.00196661	0.00049165
Totals:						0.00950764	0.00237691
Effective Date:	8/9/2024						State Net Royalty Revenue in Well

Name of Production Sharing Agreement, if any:

Comments: Allocation well traverses Unit 5279. Well spud 8/9/2024. First production 4/2025. Allocation based on Horizontal Box. Final, as-drilled plat and allocation information received 6/9/2025.

Attach a plat showing the iNut well with length of laterals marked and the State lands marked.

Lease Types: Relinquishment Act Land (RAL), State Fee (SF), Free Royalty (FR), Unleased Riverbed (UR), Highway Right of Way (HROW), Unleased Highway (UH), Criminal Justice (TDCJ), Parks & Wildlife (TPW), Mineral Production Allocation (MPAA), Dept. of Aging (DADS), School for the Blind (SBVI), Stephen F. Austin (SFA), TX A&M (A&M).

Prepared by: MB Alamo updated by: MB WI updated by: MB
 RAM approval by: VD GIS updated by: _____

DO NOT DESTROY



Texas General Land Office UNIT AGREEMENT MEMO

INUT250001

Unit Number 14484
Operator Name Repsol Oil & Gas USA, LLC
Customer ID C000050215
Unit Name Gano-Thieme-Dlugo-Matejek (SA) A4 A 4H (alloc)
County 1 DeWitt **RRC District 1** 02
County 2 **RRC District 2**
County 3 **RRC District 3**
County 4 **RRC District 4**
Unit type iNut
State Net Revenue Interest Oil 0.00237691
State Part in Unit 0.00950764
Unit Depth Specified Depths **Well**
From Depth **Formation** Top of Eagle Ford to Base of Eagle Ford
To Depth **Participation Basis** Other
If Exclusions Apply: See Remarks

Effective Date 08/09/2024
Unitized For Oil And Gas
Unit Term
Old Unit Number **Inactive Status Date**

Lease Number	Tract No	Lease Acres in Unit	Total Unit Acres	Tract Participation	O/G	Lease Royalty	NRI of Lease in Unit	Royalty Rate Reduction Clause
MF112076		0.000000	0.000000	0.00180358	O/G	0.25000000	0.00045090	No
MF112872		0.000000	0.000000	0.00573745	O/G	0.25000000	0.00143436	No
MF112874		0.000000	0.000000	0.00196661	O/G	0.25000000	0.00049165	No

API Number

4212335288

Remarks:

Allocation well traverses Unit 5279. Well spud 8/9/2024. First production 4/2025. Allocation based on Horizontal Box. Final, as-drilled plat and allocation information received 6/9/2025.

Prepared By:

MB

Prepared Date:

6/11/25

GLO Base Updated By:

MB

GLO Base Date:

6/11/25

RAM Approval By:

VD

RAM Approval Date:

6/11/25

GIS By:

MB

GIS Date:

6/11/25

Well Inventory By:

MB

WI Date:

6/11/25

1 Nut 14484

42-123-35288
02-298688
spud 8/9/2024

Mary Barnstone

From: LUEDECKE, APRIL <april.luedecke@repsol.com> *first prod 4/2025*
Sent: Monday, June 9, 2025 10:39 AM
To: Mary Barnstone *Sugarkane (Eagle Ford)*
Cc: Verdis Daniels; MOLONEY, SHANE
Subject: [EXTERNAL] Repsol-Operated Gano-Matejek Allocation wells 1 of 4
Attachments: 2010044 TX GLO GANO-MATEJEK CALCS 6.9.25.xlsx; Gano-Thieme-Dlugo-Matej (SA) A3 A 3H_AS-DRILLED.pdf; Gano-Thieme-Matejek (SA) A2 A 2H_As-Drilled.pdf

Some people who received this message don't often get email from april.luedecke@repsol.com. [Learn why this is important](#)

Good afternoon, Mary.

Repsol has recently completed the following Gano-Matejek allocation unit wells.

133152	GANO-THIEME-MATEJEK (SA) A2 A 2H	4212335286
133153	GANO-THIEME-DLUGO-MATEJEK (SA) A3 A 3H	4212335287
133154	GANO-THIEME-DLUGO-MATEJEK (SA) A4 A 4H	4212335288
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133156	GANO-DLUGOSCH-MATEJEK (SA) A6 A 6H	4212335290
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133158	GANO-DLUGOSCH-ECKHARDT (SA) A8 A 8H	4212335292

Additionally, we have set up a new DOI for payments on the Matejek and have used the acreage factor out to the 8th decimal place for accuracy. This has resulted in a minor upward adjustment to the GLO payment.

123600	MATEJEK GAS UNIT 1 1	4212332413
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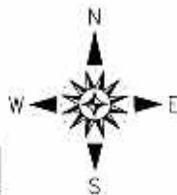
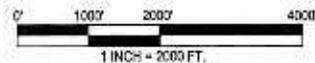
I am attaching the As-Drilled Plats and a spreadsheet with all calculations for your files. Please provide us with fact sheets to set up payments for the new allocation wells. Also, send a sheet for the Matejek Gas Unit 1 1 if one is needed. Please let me know if you need any additional information.

(This email is being broken into four separate messages for attachment file size.)

Thank you,

April Luedecke
Division Order Analyst
2455 Technology Forest Blvd.
The Woodlands, TX 77381
april.luedecke@repsol.com





UNIT NAME	HORIZONTAL DRILL ACREAGE
GANO GAS UNIT 1	43.511 ACRES
THIEME GAS UNIT 1	10.587 ACRES
DLUGOSCH GAS UNIT 1	33.251 ACRES
MATEJEK GAS UNIT 1	87.092 ACRES
TOTAL	154.441 ACRES

GANO GAS UNIT 1 ACREAGE TABLE

TRACT	LESSOR	MEASURED	PCT.
01	JAMES GAWL ET AL	182.172	23.02
02	EUGENE R. ORA, ET AL	277.406	35.04
03	ALLEN JAYCE SAGE/JC-WR CORNELIUS HEST	241.632	30.44
04	LINDA A. BEHRER & DONNA L. BEHRER	12.412	1.56
05	EUGENE R. ORA, ET AL	63.206	8.00
TOTAL		822.828	100.00

THIEME GAS UNIT 1 ACREAGE TABLE

TRACT	LESSOR	MEASURED	PCT.
11	GREY RAY SHAR	181.126	23.15
12	HELEN BREEM	55.261	7.02
13	LEWIS R. BUSORRE, ET AL	131.648	16.67
14	CAROLINE THIEME	62.962	7.95
15	CAROLINE LINDA THIEME	131.524	16.62
16	CAROLINE E. THIEME, JR.	66.319	8.38
17	CAROLINE E. THIEME, JR.	28.285	3.55
TOTAL		678.923	86.30

DLUGOSCH GAS UNIT 1 ACREAGE TABLE

TRACT	LESSOR	MEASURED	PCT.
21	PETE DLUGOSCH, ET AL	430.884	100.00
TOTAL		430.884	100.00

MATEJEK GAS UNIT 1 ACREAGE TABLE

TRACT	LESSOR	MEASURED	PCT.
M1	CARL MATEJEK AND WIFE SHARON R. MATEJEK	113.261	12.97
M2	HELEN LOUISE GARDNER, ET AL	107.859	12.33
M3	FRANKS ROY MERRIS, ET AL	65.307	7.51
M4	HILL DARRON HOLT, ET AL	7.255	0.83
M5	PETE DLUGOSCH, ET AL	258.984	29.74
M6	DAVID A. THOME AND WYNNE I. THOME	49.152	5.63
M7	STAN CARROLL WILLIAMS	26.628	3.07
M8	BERRY LEE OBERCAMP, ET AL	26.628	3.07
M9	BRECK METZGER, ET AL	62.174	7.14
M10	STATE OF TEXAS	2.381	0.27
M11	STATE OF TEXAS	8.374	0.96
M12	STATE OF TEXAS	3.379	0.39
TOTAL		654.477	75.00



THIS MAP WAS PREPARED FROM AN ACTUAL ON THE GROUND SURVEY PERFORMED UNDER MY SUPERVISION DURING FEBRUARY 2023.

Michael E. Tripp

MICHAEL E. TRIPP
REGISTERED PROFESSIONAL LAND SURVEYOR
STATE OF TEXAS NO. 6576

BEARINGS AND COORDINATES SHOWN ON THIS MAP ARE BASED ON THE TEXAS STATE PLANE COORDINATE SYSTEM OF 1927, SOUTH CENTRAL ZONE.

THIS MAP WAS PREPARED FOR AREA COMPUTATIONS OF MINERAL OWNERSHIP AND DOES NOT REPRESENT A CURRENT OWNERSHIP BOUNDARY SURVEY.

RECORDS RESEARCH WAS PROVIDED BY THE CLIENT OR CLIENTS REPRESENTATIVES AND NO ADDITIONAL RESEARCH WAS REQUIRED TO PREPARE THIS MAP.

LESSOR NAMES ARE PROVIDED BY THE CLIENTS REPRESENTATIVE AND NOT BY THE SURVEYOR.

AS-DRILLED WELL PLAT
REPSOL OIL & GAS USA, LLC
GANO-THIEME-DLUGO-MATEJ (SA) A4 A 4H
COMBINED 2,417.188 ACRES

J. NOWLAN SURVEY, A-373
WILLIAM G. HILL SURVEY, A-223
ANTONIO SIDIC SURVEY, A-418
AUGUST BUROWS SURVEY, A-102
AUGUST BUROWS SURVEY, A-740
INDIANOLA RAILROAD CO. SURVEY, A-250
SIMON COUCH SURVEY, A-124
DEWITT COUNTY, TEXAS

GANO-THIEME-DLUGO-MATEJ (SA) A4 A 4H SURFACE HOLE LOCATION BEARS S80°00'00"W - 5.11 MILES FROM YORKTOWN, TEXAS.

LEGEND

- SHL = SURFACE HOLE LOCATION
- PP = PENETRATION POINT
- FTP = FIRST TAKE POINT
- LTP = LAST TAKE POINT
- BHL = BOTTOM HOLE LOCATION
- - - = APPROXIMATE SURVEY ABSTRACT LINE
- | — = LEASE LINE

SHEET 1 OF 1

COMBINED ACREAGE	
GANO GAS UNIT 1	827.934 ACRES
THIEME GAS UNIT 1	678.923 ACRES
DLUGOSCH GAS UNIT 1	430.804 ACRES
MATEJEK GAS UNIT 1	679.477 ACRES
TOTAL	2,417.188 ACRES

SURFACE HOLE LOCATION (SHL)
X=2,449,977.83
Y=415,188.44
LAT=26.9677410°
LON=-97.5826619°
SURFACE ELEVATION=270.30'

PENETRATION POINT (PP)
X=2,451,089.29
Y=414,883.53
LAT=26.9688206°
LON=-97.5892163°

FIRST TAKE POINT (FTP)
X=2,451,336.61
Y=414,781.55
LAT=26.9686331°
LON=-97.5884472°

LAST TAKE POINT (LTP)
X=2,459,001.68
Y=409,075.25
LAT=26.9479313°
LON=-97.5647346°

BOTTOM HOLE LOCATION (BHL)
X=2,438,024.46
Y=408,054.32
LAT=26.9473730°
LON=-97.5646641°

UNIT NAME	HORIZONTAL DRILL LENGTH
GANO GAS UNIT 1	2,860.43' (FTP-LL)
THIEME GAS UNIT 1	964.30' (LL-LL & LL-LL)
DLUGOSCH GAS UNIT 1	2,033.37' (LL-LL & LL-LL)
MATEJEK GAS UNIT 1	4,335.04' (LL-LTP)
TOTAL	10,193.14 FEET

PERCHERON
PROFESSIONAL SERVICES, L.L.C.
1504 WEST GRAND PARKWAY N. SUITE 200
KATY, TEXAS 77449
(832) 300-6400
TEXAS SURVEYING FIRM LICENSE: 10020700
04292025

SCHEDULE OF CALCULATIONS
STATE OF TEXAS, COMMISSIONER OF THE GENERAL LAND OFFICE
VARIOUS ALLOCATION WELLS INCLUDING LEASES IN THE MATEJEK AND ECKHARDT RANCH UNITS

Prop #	Prop Name	API	First Production	GLO ID	BA No	BA Name	Int Type	Int Seq	Tract MI	Lse Roy	Unit Allocation	Well Allocation	Well NRI	Fraction	NRI CHECK
133152	GANO-THIEME-MATEJEK (SA) A2 A 2H	4212335286	4/19/2025	MF 112076	2010044	Commissioner Of The General Land	RI	1	1	0.25	0.00415172	0.51687558	0.00053648	MATEJEK UT TR 10: 1 x 0.25 x 2.821/679.477 x 75.377/145.832	0.00053648
133152	GANO-THIEME-MATEJEK (SA) A2 A 2H	4212335286	4/19/2025	MF 112872	2010044	Commissioner Of The General Land	RI	2	1	0.25	0.01320722	0.51687558	0.00170662	MATEJEK UT TR 11: 1 x 0.25 x 8.974/679.477 x 75.377/145.832	0.00170662
133152	GANO-THIEME-MATEJEK (SA) A2 A 2H	4212335286	4/19/2025	MF 112874	2010044	Commissioner Of The General Land	RI	3	1	0.25	0.00452701	0.51687558	0.00058497	MATEJEK UT TR 12: 1 x 0.25 x 3.076/679.477 x 75.377/145.832	0.00058498
													0.00282807		
133153	GANO-THIEME-DLUGO-MATEJEK (SA) A3 A 3H	4212335287	4/19/2025	MF 112076	2010044	Commissioner Of The General Land	RI	1	1	0.25	0.00415172	0.50154104	0.00052057	MATEJEK UT TR 10: 1 x 0.25 x 2.821/679.477 x 74.204/147.952	0.00052056
133153	GANO-THIEME-DLUGO-MATEJEK (SA) A3 A 3H	4212335287	4/19/2025	MF 112872	2010044	Commissioner Of The General Land	RI	2	1	0.25	0.01320722	0.50154104	0.00165599	MATEJEK UT TR 11: 1 x 0.25 x 8.974/679.477 x 74.204/147.952	0.00165599
133153	GANO-THIEME-DLUGO-MATEJEK (SA) A3 A 3H	4212335287	4/19/2025	MF 112874	2010044	Commissioner Of The General Land	RI	3	1	0.25	0.00452701	0.50154104	0.00056762	MATEJEK UT TR 12: 1 x 0.25 x 3.076/679.477 x 74.204/147.952	0.00056762
													0.00274418		
133154	GANO-THIEME-DLUGO-MATEJEK (SA) A4 A 4H	4212335288	4/19/2025	MF 112076	2010044	Commissioner Of The General Land	RI	1	1	0.25	0.00415172	0.43441832	0.00045090	MATEJEK UT TR 10: 1 x 0.25 x 2.821/679.477 x 67.092/154.441	0.00045090
133154	GANO-THIEME-DLUGO-MATEJEK (SA) A4 A 4H	4212335288	4/19/2025	MF 112872	2010044	Commissioner Of The General Land	RI	2	1	0.25	0.01320722	0.43441832	0.00143437	MATEJEK UT TR 11: 1 x 0.25 x 8.974/679.477 x 67.092/154.441	0.00143436
133154	GANO-THIEME-DLUGO-MATEJEK (SA) A4 A 4H	4212335288	4/19/2025	MF 112874	2010044	Commissioner Of The General Land	RI	3	1	0.25	0.00452701	0.43441832	0.00049165	MATEJEK UT TR 12: 1 x 0.25 x 3.076/679.477 x 67.092/154.441	0.00049165
													0.00237692		
133155	GANO-DLUGOSCH-MATEJEK (SA) A5 A 5H	4212335289	4/19/2025	MF 112076	2010044	Commissioner Of The General Land	RI	1	1	0.25	0.00415172	0.37957950	0.00039398	MATEJEK UT TR 10: 1 x 0.25 x 2.821/679.477 x 57.285/150.917	0.00039398
133155	GANO-DLUGOSCH-MATEJEK (SA) A5 A 5H	4212335289	4/19/2025	MF 112872	2010044	Commissioner Of The General Land	RI	2	1	0.25	0.01320722	0.37957950	0.00125330	MATEJEK UT TR 11: 1 x 0.25 x 8.974/679.477 x 57.285/150.917	0.00125330
133155	GANO-DLUGOSCH-MATEJEK (SA) A5 A 5H	4212335289	4/19/2025	MF 112874	2010044	Commissioner Of The General Land	RI	3	1	0.25	0.00452701	0.37957950	0.00042959	MATEJEK UT TR 12: 1 x 0.25 x 3.076/679.477 x 57.285/150.917	0.00042959
													0.00207687		
133156	GANO-DLUGOSCH-MATEJEK (SA) A6 A 6H	4212335290	4/19/2025	MF 112076	2010044	Commissioner Of The General Land	RI	1	1	0.25	0.00415172	0.26478507	0.00027483	MATEJEK UT TR 10: 1 x 0.25 x 2.821/679.477 x 38.258/144.487	0.00027483
133156	GANO-DLUGOSCH-MATEJEK (SA) A6 A 6H	4212335290	4/19/2025	MF 112872	2010044	Commissioner Of The General Land	RI	2	1	0.25	0.01320722	0.26478507	0.00087427	MATEJEK UT TR 11: 1 x 0.25 x 8.974/679.477 x 38.258/144.487	0.00087427
133156	GANO-DLUGOSCH-MATEJEK (SA) A6 A 6H	4212335290	4/19/2025	MF 112874	2010044	Commissioner Of The General Land	RI	3	1	0.25	0.00452701	0.26478507	0.00029967	MATEJEK UT TR 12: 1 x 0.25 x 3.076/679.477 x 38.258/144.487	0.00029967
133156	GANO-DLUGOSCH-MATEJEK (SA) A6 A 6H	4212335290	4/19/2025	MF 116850	2010044	Commissioner Of The General Land	RI	4	1	0.25	0.00970540	0.03209285	0.00007788	ECKHARDT RANCH UT TR 3, 4: 1 x 0.25 x 10.473/1079.09 x 4.637/144.487	0.00007787
													0.00152665		
133157	GANO-DLUGO-ECKHA-MATEJ (SA) A7 A 7H	4212335291	4/19/2025	MF 112076	2010044	Commissioner Of The General Land	RI	1	1	0.25	0.00415172	0.13400381	0.00013909	MATEJEK UT TR 10: 1 x 0.25 x 2.821/679.477 x 20.386/152.13	0.00013909
133157	GANO-DLUGO-ECKHA-MATEJ (SA) A7 A 7H	4212335291	4/19/2025	MF 112872	2010044	Commissioner Of The General Land	RI	2	1	0.25	0.01320722	0.13400381	0.00044246	MATEJEK UT TR 11: 1 x 0.25 x 8.974/679.477 x 20.386/152.13	0.00044245
133157	GANO-DLUGO-ECKHA-MATEJ (SA) A7 A 7H	4212335291	4/19/2025	MF 112874	2010044	Commissioner Of The General Land	RI	3	1	0.25	0.00452701	0.13400381	0.00015166	MATEJEK UT TR 12: 1 x 0.25 x 3.076/679.477 x 20.386/152.13	0.00015166
133157	GANO-DLUGO-ECKHA-MATEJ (SA) A7 A 7H	4212335291	4/19/2025	MF 116850	2010044	Commissioner Of The General Land	RI	4	1	0.25	0.00970540	0.17266812	0.00041896	ECKHARDT RANCH UT TR 3, 4: 1 x 0.25 x 10.473/1079.09 x 26.268/152.13	0.00041895
													0.00115217		
133158	GANO-DLUGOSCH-ECKHARDT (SA) A8 A 8H	4212335292	4/19/2025	MF 116850	2010044	Commissioner Of The General Land	RI	4	1	0.25	0.00970540	0.34419972	0.00083515	ECKHARDT RANCH UT TR 3, 4: 1 x 0.25 x 10.473/1079.09 x 38.258/144.487	0.00083515
													0.00083515		

Prop # Repsol-assigned well number
Prop Name Repsol-entered property name
API API number
First Production Date of first production
GLO ID State-assigned lease identification number
BA No Repsol assigned owner number
BA Name Repsol entered owner name
Int Type RI is Royalty Interest
Int Seq Sequence assigned to lease interest in unit
Tract MI Tract Mineral Interest
Lse Roy Lease Royalty Rate
Unit Allocation Tract acreage / unit acreage
Well Allocation PSA unit "box" acreage / well "box" total acreage
Well NRI Final well level NRI for lease
Fraction Fractional calculation
NRI Check Tract MI x Lse Roy x Unit Alloc x Well Alloc

90

File No. MF12076
DeWitt County
Int 14484
Date Filed: 6/18/85
Commissioner Dawn Buckingham, M.D.
By: LZ

10-11-85
10-11-85
10-11-85

1
1
1



Information for processing an Internal Non-Unit Transaction (iNut)
Horizontal Box

iNut No. 14485

GENERAL INFORMATION

Name of Well: Gano-Dlugosch-Matejek (SA) A5 A 5H (alloc)

API# 42-123-35289

Name of Operator: Repsol Oil & Gas USA, LLC

RRC # 02-298736

Operator Contact Person: April Luedecke

Email: april.luedecke@repsol.com

Counties: De Witt

ALLOCATION OF STATE UNITS AND/OR LEASES BASED ON HORIZONTAL BOX

Lease Type	Unit/Lease No	Total Horizontal Box	Unit Horizontal Box	Unit Royalty Decimal	Lease Royalty Decimal	RRAC Participation Factor	State Participation by Unit/Lease
HROW	5279/MF112076	150.917	57.285	0.00103793	0.25000000	0.00157591	0.00039398
HROW	5279/MF112872	150.917	57.285	0.00330180	0.25000000	0.00501318	0.00125330
HROW	5279/MF112874	150.917	57.285	0.00113175	0.25000000	0.00171836	0.00042959
Totals:						0.00830745	0.00207686
Effective Date:	<u>9/8/2024</u>						State Net Royalty Revenue in Well

Name of Production Sharing Agreement, if any:

Comments: Allocation well traverses Unit 5279. Well spud 9/8/2024. First production 4/2025. Allocation based on Horizontal Box. Final, as-drilled plat and allocation information received 6/9/2025.

Attach a plat showing the iNut well with length of laterals marked and the State lands marked.

Lease Types: Relinquishment Act Land (RAL), State Fee (SF), Free Royalty (FR), Unleased Riverbed (UR), Highway Right of Way (HROW), Unleased Highway (UH), Criminal Justice (TDCJ), Parks & Wildlife (TPW), Mineral Production Allocation (MPAA), Dept. of Aging (DADS), School for the Blind (SBVI), Stephen F. Austin (SFA), TX A&M (A&M).

Prepared by: MB Alamo updated by: MB WI updated by: MB

RAM approval by: VD GIS updated by: _____

DO NOT DESTROY



**Texas General Land Office
UNIT AGREEMENT MEMO**

INUT250001

Unit Number 14485
Operator Name Repsol Oil & Gas USA, LLC **Effective Date** 09/08/2024
Customer ID C000050215 **Unitized For** Oil And Gas
Unit Name Gano-Dlugosch-Matejek (SA) A5 A 5H (alloc) **Unit Term**
County 1 DeWitt **RRC District 1** 02 **Old Unit Number** **Inactive Status Date**
County 2 **RRC District 2**
County 3 **RRC District 3**
County 4 **RRC District 4**
Unit type iNut
State Net Revenue Interest Oil 0.00207686
State Part in Unit 0.00830745
Unit Depth Specified Depths **Well**
From Depth **Formation** Top of Eagle Ford to Base of Eagle Ford
To Depth **Participation Basis** Other
If Exclusions Apply: See Remarks

Lease Number	Tract No	Lease Acres in Unit	Total Unit Acres	Tract Participation	O/G	Lease Royalty	NRI of Lease in Unit	Royalty Rate Reduction Clause
MF112076		0.000000	0.000000	0.00157591	O/G	0.25000000	0.00039398	No
MF112872		0.000000	0.000000	0.00501318	O/G	0.25000000	0.00125330	No
MF112874		0.000000	0.000000	0.00171836	O/G	0.25000000	0.00042959	No

API Number

4212335289

Remarks:

Allocation well traverses Unit 5279. Well spud 9/8/2024. First production 4/2025. Allocation based on Horizontal Box. Final, as-drilled plat and allocation information received 6/9/2025.

Prepared By:

MB

Prepared Date:

6/11/25

GLO Base Updated By:

MB

GLO Base Date:

6/11/25

RAM Approval By:

VD

RAM Approval Date:

6/11/25

GIS By:

MB

GIS Date:

6/11/25

Well Inventory By:

MB

WI Date:

6/11/25

Nwt 14485

42-123-35289
02-298736
spud 9/8/2024

Mary Barnstone

From: LUEDECKE, APRIL <april.luedecke@repsol.com>
Sent: Monday, June 9, 2025 10:39 AM
To: Mary Barnstone
Cc: Verdis Daniels; MOLONEY, SHANE
Subject: [EXTERNAL] Repsol-Operated Gano-Matejek Allocation wells 1 of 4
Attachments: 2010044 TX GLO GANO-MATEJEK CALCS 6.9.25.xlsx; Gano-Thieme-Dlugo-Matej (SA) A3 A 3H_AS-DRILLED.pdf; Gano-Thieme-Matejek (SA) A2 A 2H_As-Drilled.pdf

first prod 4/2025
Sugarkane (Eagleford)

Some people who received this message don't often get email from april.luedecke@repsol.com. [Learn why this is important](#)

Good afternoon, Mary.

Repsol has recently completed the following Gano-Matejek allocation unit wells.

133152	GANO-THIEME-MATEJEK (SA) A2 A 2H	4212335286
133153	GANO-THIEME-DLUGO-MATEJEK (SA) A3 A 3H	4212335287
133154	GANO-THIEME-DLUGO-MATEJEK (SA) A4 A 4H	4212335288
133155	GANO-DLUGOSCH-MATEJEK (SA) A5 A 5H	4212335289
133156	GANO-DLUGOSCH-MATEJEK (SA) A6 A 6H	4212335290
133157	GANO-DLUGO-ECKHA-MATEJ (SA) A7 A 7H	4212335291
133158	GANO-DLUGOSCH-ECKHARDT (SA) A8 A 8H	4212335292

Additionally, we have set up a new DOI for payments on the Matejek and have used the acreage factor out to the 8th decimal place for accuracy. This has resulted in a minor upward adjustment to the GLO payment.

123600	MATEJEK GAS UNIT 1 1	4212332413
--------	----------------------	------------

I am attaching the As-Drilled Plats and a spreadsheet with all calculations for your files. Please provide us with fact sheets to set up payments for the new allocation wells. Also, send a sheet for the Matejek Gas Unit 1 1 if one is needed. Please let me know if you need any additional information.

(This email is being broken into four separate messages for attachment file size.)

Thank you,

April Luedecke
Division Order Analyst
2455 Technology Forest Blvd.
The Woodlands, TX 77381
april.luedecke@repsol.com



UNIT NAME	HORIZONTAL DRILL ACREAGE
GANO GAS UNIT 1	43.418 ACRES
THEME GAS UNIT 1	1.818 ACRES
DLUGOSCH GAS UNIT 1	48.396 ACRES
MATEJEK GAS UNIT 1	57.285 ACRES
TOTAL	150.917 ACRES

GANO-DLUGOSCH-MATEJEK (SA) AS A 5H	
UNIT NAME	HORIZONTAL DRILL LENGTH
GANO GAS UNIT 1	2,868.75' (FTP-LL)
DLUGOSCH GAS UNIT 1	3,320.89' (LL-LL)
MATEJEK GAS UNIT 1	3,750.87' (LL-LTP)
TOTAL	9,940.51 FEET

THEME GAS UNIT 1 ACREAGE TABLE			
TRACT	LESSOR	MEASURED	PCT.
T1	WEE MY SWER	181.126	25.15
T2	HELEN BROWN	95.201	14.02
T3	LAMAR R. RUSKONT, ET AL	101.640	14.37
T4	JANEKE THEME	92.852	13.65
T5	JANEKE EDWARD THEME	151.274	21.92
T6	JANEKE E. THEME, JR.	98.219	14.50
T7	JANEKE E. THEME, JR.	28.288	4.27
TOTAL		678.853	100.00

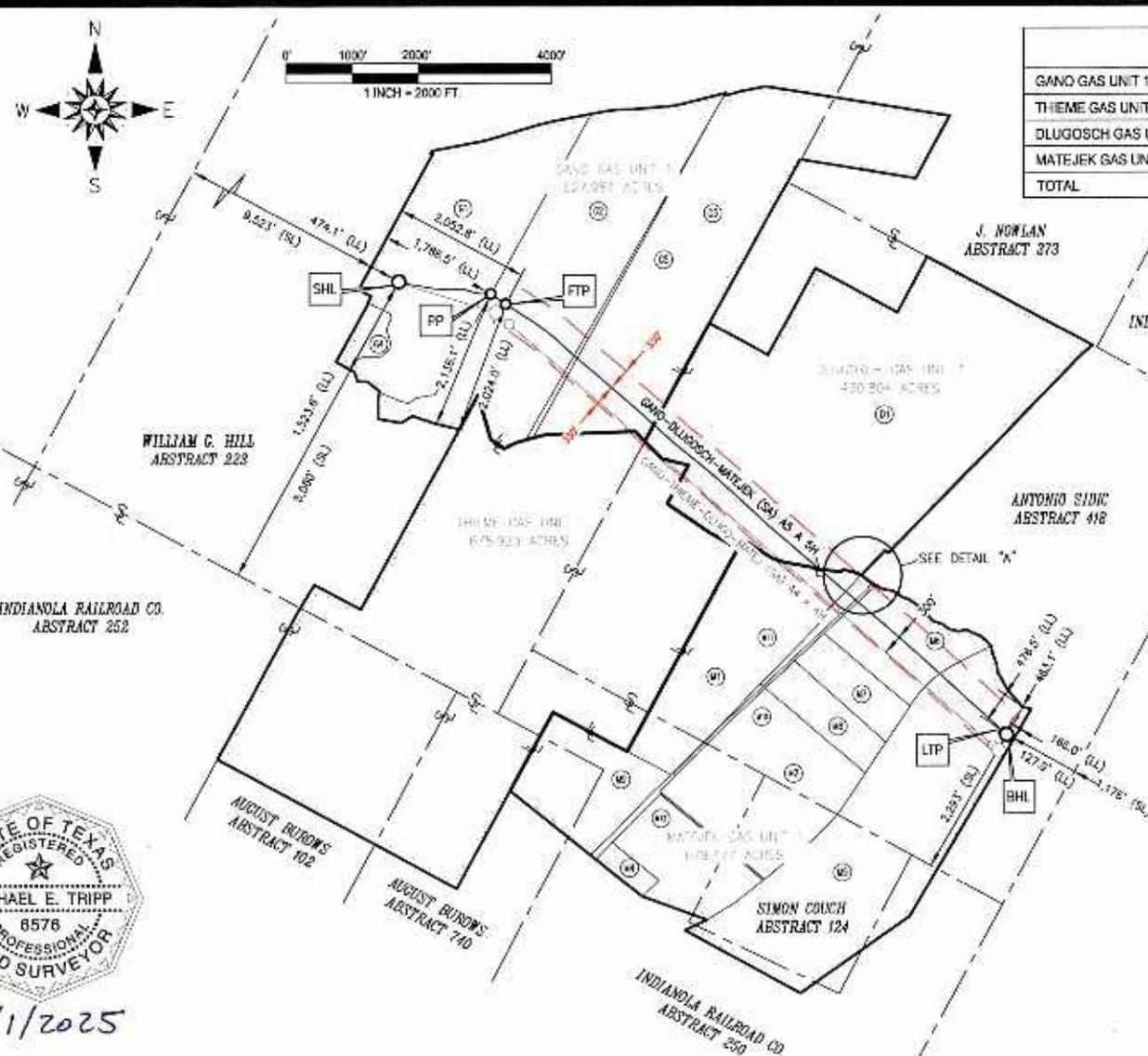
GANO GAS UNIT 1 ACREAGE TABLE			
TRACT	LESSOR	MEASURED	PCT.
G1	JAMES GAIN, ET AL	192.113	28.82
G2	ERNEST R. OSAL, ET AL	201.488	32.54
G3	ALLEN ANNE BARRON-JOHNSON CORPORA TRUST	541.823	84.46
G4	LYDIA A. REGER & DONA E. REGER	10.412	1.56
G5	ERNEST R. OSAL, ET AL	6.280	1.00
TOTAL		972.696	100.00

DLUGOSCH GAS UNIT 1 ACREAGE TABLE			
TRACT	LESSOR	MEASURED	PCT.
D1	PETE DLUGOSCH, ET AL	430.804	100.00
TOTAL		430.804	100.00

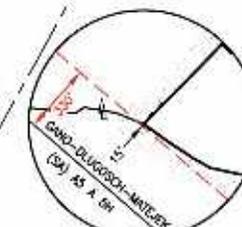
MATEJEK GAS UNIT 1 ACREAGE TABLE			
TRACT	LESSOR	MEASURED	PCT.
M1	CARL MATEJEK AND WIFE, SARAH R. MATEJEK	110.251	16.277
M2	HELEN LOUISE GANO NORRIS, ET AL	117.606	17.606
M3	FRANKS BOY MEYERS, ET AL	48.257	7.257
M4	WILLIAM HUBBARD, ET AL	1.225	0.183
M5	PETE DLUGOSCH, ET AL	285.529	44.149
M6	DAVE A. ESCOFFIER AND WYNE T. ESCOFFIER	48.769	7.325
M7	STAN CARROLL WILLIAMS	25.835	3.713
M8	BOBBY LEE KORTCHAK, ET AL	25.835	3.713
M9	EDWARD MITCHELL, ET AL	62.714	9.150
M10	STATE OF TEXAS	2.827	0.413
M11	STATE OF TEXAS	6.674	0.971
M12	STATE OF TEXAS	3.076	0.453
TOTAL		678.477	100.00



5/11/2025



COMBINED ACREAGE	
GANO GAS UNIT 1	827.984 ACRES
THEME GAS UNIT 1	878.923 ACRES
DLUGOSCH GAS UNIT 1	430.804 ACRES
MATEJEK GAS UNIT 1	679.477 ACRES
TOTAL	2,417.188 ACRES



DETAIL "A"
NOT TO SCALE

SURFACE HOLE LOCATION (SHL)
X=2,449,987.91
Y=415,165.71
LAT=28.9677882°
LON=-97.5928497°
SURFACE ELEVATION=270.86'

PENETRATION POINT (PP)
X=2,451,381.35
Y=414,999.04
LAT=28.9672288°
LON=-97.5882391°

FIRST TAKE POINT (FTP)
X=2,451,505.70
Y=414,843.01
LAT=28.9667975°
LON=-97.5875034°

LAST TAKE POINT (LTP)
X=2,459,129.45
Y=408,327.57
LAT=28.9466210°
LON=-97.5643254°

BOTTOM HOLE LOCATION (BHL)
X=2,459,158.15
Y=408,301.18
LAT=28.9485474°
LON=-97.5642367°

BEARINGS AND COORDINATES SHOWN ON THIS MAP ARE BASED ON THE TEXAS STATE PLANE COORDINATE SYSTEM OF 1927, SOUTH CENTRAL ZONE.

THIS MAP WAS PREPARED FOR AREA COMPUTATIONS OF MINERAL OWNERSHIP AND DOES NOT REPRESENT A CURRENT OWNERSHIP BOUNDARY SURVEY.

RECORDS RESEARCH WAS PROVIDED BY THE CLIENT OR CLIENT'S REPRESENTATIVES AND NO ADDITIONAL RESEARCH WAS REQUIRED TO PREPARE THIS MAP.

LESSOR NAMES ARE PROVIDED BY THE CLIENTS REPRESENTATIVE AND NOT BY THE SURVEYOR.

THIS MAP WAS PREPARED FROM AN ACTUAL ON THE GROUND SURVEY PERFORMED UNDER MY SUPERVISION DURING FEBRUARY 2023.

Michael E. Tripp

MICHAEL E. TRIPP
REGISTERED PROFESSIONAL LAND SURVEYOR
STATE OF TEXAS NO. 8576

AS-DRILLED WELL PLAT
REPSOL OIL & GAS USA, LLC
GANO-DLUGOSCH-MATEJEK (SA) AS A 5H
COMBINED 2,417.188 ACRES
J. NOWLAN SURVEY, A-373
WILLIAM G. HILL SURVEY, A-223
ANTONIO SIDIC SURVEY, A-418
AUGUST BURROWS SURVEY, A-740
INDIANOLA RAILROAD CO. SURVEY, A-250
SIMON COUCH SURVEY, A-124
DEWITT COUNTY, TEXAS

GANO-DLUGOSCH-MATEJEK (SA) AS A 5H SURFACE HOLE LOCATION BEARS S80°00'00"W - 5.11 MILES FROM YORKTOWN, TEXAS.

LEGEND:
SHL = SURFACE HOLE LOCATION
PP = PENETRATION POINT
FTP = FIRST TAKE POINT
LTP = LAST TAKE POINT
BHL = BOTTOM HOLE LOCATION
§ = APPROXIMATE SURVEY ABSTRACT LINE
LL = LEASE LINE

PERCHERON
PROFESSIONAL SERVICES, L.L.C.

1004 WEST GRAND PARKWAY N. SUITE 200
KATY, TEXAS 77449
(832) 300-6400
TEXAS SURVEYING FIRM
LICENSE: 10020700

05/01/2025

SCHEDULE OF CALCULATIONS
STATE OF TEXAS, COMMISSIONER OF THE GENERAL LAND OFFICE
VARIOUS ALLOCATION WELLS INCLUDING LEASES IN THE MATEJEK AND ECKHARDT RANCH UNITS

Prop #	Prop Name	API	First Production	GLO ID	BA No	BA Name	Int Type	Int Seq	Tract MI	Lse Roy	Unit Allocation	Well Allocation	Well NRI	Fraction	NRI CHECK
133152	GANO-THIEME-MATEJEK (SA) A2 A 2H	4212335286	4/19/2025	MF 112076	2010044	Commissioner Of The General Land	RI	1	1	0.25	0.00415172	0.51687558	0.00053648	MATEJEK UT TR 10: 1 x 0.25 x 2.821/679.477 x 75.377/145.832	0.00053648
133152	GANO-THIEME-MATEJEK (SA) A2 A 2H	4212335286	4/19/2025	MF 112872	2010044	Commissioner Of The General Land	RI	2	1	0.25	0.01320722	0.51687558	0.00170662	MATEJEK UT TR 11: 1 x 0.25 x 8.974/679.477 x 75.377/145.832	0.00170662
133152	GANO-THIEME-MATEJEK (SA) A2 A 2H	4212335286	4/19/2025	MF 112874	2010044	Commissioner Of The General Land	RI	3	1	0.25	0.00452701	0.51687558	0.00058497	MATEJEK UT TR 12: 1 x 0.25 x 3.076/679.477 x 75.377/145.832	0.00058498
													0.00282807		

Prop #	Prop Name	API	First Production	GLO ID	BA No	BA Name	Int Type	Int Seq	Tract MI	Lse Roy	Unit Allocation	Well Allocation	Well NRI	Fraction	NRI CHECK
133153	GANO-THIEME-DLUGO-MATEJEK (SA) A3 A 3H	4212335287	4/19/2025	MF 112076	2010044	Commissioner Of The General Land	RI	1	1	0.25	0.00415172	0.50154104	0.00052057	MATEJEK UT TR 10: 1 x 0.25 x 2.821/679.477 x 74.204/147.952	0.00052056
133153	GANO-THIEME-DLUGO-MATEJEK (SA) A3 A 3H	4212335287	4/19/2025	MF 112872	2010044	Commissioner Of The General Land	RI	2	1	0.25	0.01320722	0.50154104	0.00165599	MATEJEK UT TR 11: 1 x 0.25 x 8.974/679.477 x 74.204/147.952	0.00165599
133153	GANO-THIEME-DLUGO-MATEJEK (SA) A3 A 3H	4212335287	4/19/2025	MF 112874	2010044	Commissioner Of The General Land	RI	3	1	0.25	0.00452701	0.50154104	0.00056762	MATEJEK UT TR 12: 1 x 0.25 x 3.076/679.477 x 74.204/147.952	0.00056762
													0.00274418		

Prop #	Prop Name	API	First Production	GLO ID	BA No	BA Name	Int Type	Int Seq	Tract MI	Lse Roy	Unit Allocation	Well Allocation	Well NRI	Fraction	NRI CHECK
133154	GANO-THIEME-DLUGO-MATEJEK (SA) A4 A 4H	4212335288	4/19/2025	MF 112076	2010044	Commissioner Of The General Land	RI	1	1	0.25	0.00415172	0.43441832	0.00045090	MATEJEK UT TR 10: 1 x 0.25 x 2.821/679.477 x 67.092/154.441	0.00045090
133154	GANO-THIEME-DLUGO-MATEJEK (SA) A4 A 4H	4212335288	4/19/2025	MF 112872	2010044	Commissioner Of The General Land	RI	2	1	0.25	0.01320722	0.43441832	0.00143437	MATEJEK UT TR 11: 1 x 0.25 x 8.974/679.477 x 67.092/154.441	0.00143436
133154	GANO-THIEME-DLUGO-MATEJEK (SA) A4 A 4H	4212335288	4/19/2025	MF 112874	2010044	Commissioner Of The General Land	RI	3	1	0.25	0.00452701	0.43441832	0.00049165	MATEJEK UT TR 12: 1 x 0.25 x 3.076/679.477 x 67.092/154.441	0.00049165
													0.00237692		

Prop #	Prop Name	API	First Production	GLO ID	BA No	BA Name	Int Type	Int Seq	Tract MI	Lse Roy	Unit Allocation	Well Allocation	Well NRI	Fraction	NRI CHECK
133155	GANO-DLUGOSCH-MATEJEK (SA) A5 A 5H	4212335289	4/19/2025	MF 112076	2010044	Commissioner Of The General Land	RI	1	1	0.25	0.00415172	0.37957950	0.00039398	MATEJEK UT TR 10: 1 x 0.25 x 2.821/679.477 x 57.285/150.917	0.00039398
133155	GANO-DLUGOSCH-MATEJEK (SA) A5 A 5H	4212335289	4/19/2025	MF 112872	2010044	Commissioner Of The General Land	RI	2	1	0.25	0.01320722	0.37957950	0.00125330	MATEJEK UT TR 11: 1 x 0.25 x 8.974/679.477 x 57.285/150.917	0.00125330
133155	GANO-DLUGOSCH-MATEJEK (SA) A5 A 5H	4212335289	4/19/2025	MF 112874	2010044	Commissioner Of The General Land	RI	3	1	0.25	0.00452701	0.37957950	0.00042959	MATEJEK UT TR 12: 1 x 0.25 x 3.076/679.477 x 57.285/150.917	0.00042959
													0.00207687		

Prop #	Prop Name	API	First Production	GLO ID	BA No	BA Name	Int Type	Int Seq	Tract MI	Lse Roy	Unit Allocation	Well Allocation	Well NRI	Fraction	NRI CHECK
133156	GANO-DLUGOSCH-MATEJEK (SA) A6 A 6H	4212335290	4/19/2025	MF 112076	2010044	Commissioner Of The General Land	RI	1	1	0.25	0.00415172	0.26478507	0.00027483	MATEJEK UT TR 10: 1 x 0.25 x 2.821/679.477 x 38.258/144.487	0.00027483
133156	GANO-DLUGOSCH-MATEJEK (SA) A6 A 6H	4212335290	4/19/2025	MF 112872	2010044	Commissioner Of The General Land	RI	2	1	0.25	0.01320722	0.26478507	0.00087427	MATEJEK UT TR 11: 1 x 0.25 x 8.974/679.477 x 38.258/144.487	0.00087427
133156	GANO-DLUGOSCH-MATEJEK (SA) A6 A 6H	4212335290	4/19/2025	MF 112874	2010044	Commissioner Of The General Land	RI	3	1	0.25	0.00452701	0.26478507	0.00029967	MATEJEK UT TR 12: 1 x 0.25 x 3.076/679.477 x 38.258/144.487	0.00029967
133156	GANO-DLUGOSCH-MATEJEK (SA) A6 A 6H	4212335290	4/19/2025	MF 116850	2010044	Commissioner Of The General Land	RI	4	1	0.25	0.00970540	0.03209285	0.00007788	ECKHARDT RANCH UT TR 3, 4: 1 x 0.25 x 10.473/1079.09 x 4.637/144.487	0.00007787
													0.00152665		

Prop #	Prop Name	API	First Production	GLO ID	BA No	BA Name	Int Type	Int Seq	Tract MI	Lse Roy	Unit Allocation	Well Allocation	Well NRI	Fraction	NRI CHECK
133157	GANO-DLUGO-ECKHA-MATEJ (SA) A7 A 7H	4212335291	4/19/2025	MF 112076	2010044	Commissioner Of The General Land	RI	1	1	0.25	0.00415172	0.13400381	0.00013909	MATEJEK UT TR 10: 1 x 0.25 x 2.821/679.477 x 20.386/152.13	0.00013909
133157	GANO-DLUGO-ECKHA-MATEJ (SA) A7 A 7H	4212335291	4/19/2025	MF 112872	2010044	Commissioner Of The General Land	RI	2	1	0.25	0.01320722	0.13400381	0.00044246	MATEJEK UT TR 11: 1 x 0.25 x 8.974/679.477 x 20.386/152.13	0.00044245
133157	GANO-DLUGO-ECKHA-MATEJ (SA) A7 A 7H	4212335291	4/19/2025	MF 112874	2010044	Commissioner Of The General Land	RI	3	1	0.25	0.00452701	0.13400381	0.00015166	MATEJEK UT TR 12: 1 x 0.25 x 3.076/679.477 x 20.386/152.13	0.00015166
133157	GANO-DLUGO-ECKHA-MATEJ (SA) A7 A 7H	4212335291	4/19/2025	MF 116850	2010044	Commissioner Of The General Land	RI	4	1	0.25	0.00970540	0.17266812	0.00041896	ECKHARDT RANCH UT TR 3, 4: 1 x 0.25 x 10.473/1079.09 x 26.268/152.13	0.00041895
													0.00115217		

Prop #	Prop Name	API	First Production	GLO ID	BA No	BA Name	Int Type	Int Seq	Tract MI	Lse Roy	Unit Allocation	Well Allocation	Well NRI	Fraction	NRI CHECK
133158	GANO-DLUGOSCH-ECKHARDT (SA) A8 A 8H	4212335292	4/19/2025	MF 116850	2010044	Commissioner Of The General Land	RI	4	1	0.25	0.00970540	0.34419972	0.00083515	ECKHARDT RANCH UT TR 3, 4: 1 x 0.25 x 10.473/1079.09 x 38.258/144.487	0.00083515
													0.00083515		

Prop # Repsol-assigned well number
Prop Name Repsol-entered property name
API API number
First Production Date of first production
GLO ID State-assigned lease identification number
BA No Repsol assigned owner number
BA Name Repsol entered owner name
Int Type RI is Royalty Interest
Int Seq Sequence assigned to lease interest in unit
Tract MI Tract Mineral Interest
Lse Roy Lease Royalty Rate
Unit Allocation Tract acreage / unit acreage
Well Allocation PSA unit "box" acreage / well "box" total acreage
Well NRI Final well level NRI for lease
Fraction Fractional calculation
NRI Check Tract MI x Lse Roy x Unit Alloc x Well Alloc

File No. MF12076

DeWitt County

iNut14485

Date Filed: 6/18/25
Commissioner Dawn Buckingham, M.D.

By: LZ



Information for processing an Internal Non-Unit Transaction (iNut)
Horizontal Box

iNut No. 14487

GENERAL INFORMATION

Name of Well: Gano-Dlugosch-Matejek (SA) A6 A 6H (alloc)

API# 42-123-35290

Name of Operator: Repsol Oil & Gas USA, LLC

RRC # 02-298799

Operator Contact Person: April Luedecke

Email: april.luedecke@repsol.com

Counties: De Witt

ALLOCATION OF STATE UNITS AND/OR LEASES BASED ON HORIZONTAL BOX

Lease Type	Unit/Lease No	Total Horizontal Box	Unit Horizontal Box	Unit Royalty Decimal	Lease Royalty Decimal	RRAC Participation Factor	State Participation by Unit/Lease
HROW	5279/MF112076	144.487	38.258	0.00103793	0.25000000	0.00109931	0.00027483
HROW	5279/MF112872	144.487	38.258	0.00330180	0.25000000	0.00349707	0.00087427
HROW	5279/MF112874	144.487	38.258	0.00113175	0.25000000	0.00119868	0.00029967
HROW	13656/MF121783	144.487	4.637	0.00242635	0.25000000	0.00031147	0.00007787
Totals:						0.00610654	0.00152663
Effective Date:	9/8/2024						State Net Royalty Revenue in Well

Name of Production Sharing Agreement, if any:

Comments: Allocation well traverses Units 5279 & 13656. Well spud 8/7/2024. First production 4/2025.

Allocation based on Horizontal Box. Final, as-drilled plat and allocation information received 6/9/2025.

Attach a plat showing the iNut well with length of laterals marked and the State lands marked.

Lease Types: Relinquishment Act Land (RAL), State Fee (SF), Free Royalty (FR), Unleased Riverbed (UR), Highway Right of Way (HROW), Unleased Highway (UH), Criminal Justice (TDCJ), Parks & Wildlife (TPW), Mineral Production Allocation (MPAA), Dept. of Aging (DADS), School for the Blind (SBVI), Stephen F. Austin (SFA), TX A&M (A&M).

Prepared by: MB Alamo updated by: MB WI updated by: MB

RAM approval by: VD GIS updated by: _____

DO NOT DESTROY



Texas General Land Office UNIT AGREEMENT MEMO

INUT250001

Unit Number 14487
Operator Name Repsol Oil & Gas USA, LLC
Customer ID C000050215
Unit Name Gano-Dlugosch-Matejek (SA) A6 A 6H (alloc)
County 1 DeWitt RRC District 1 02
County 2 RRC District 2
County 3 RRC District 3
County 4 RRC District 4
Unit type iNut
State Net Revenue Interest Oil 0.00152663
State Part in Unit 0.00610654
Unit Depth Specified Depths
From Depth Well
To Depth Formation Top of Eagle Ford to Base of Eagle Ford
Participation Basis Other
If Exclusions Apply: See Remarks

Effective Date 08/07/2024
Unitized For Oil And Gas
Unit Term
Old Unit Number **Inactive Status Date**

Lease Number	Tract No	Lease Acres in Unit	Total Unit Acres	Tract Participation	O/G	Lease Royalty	NRI of Lease in Unit	Royalty Rate Reduction Clause
MF112076		0.000000	0.000000	0.00109931	O/G	0.25000000	0.00027483	No
MF112872		0.000000	0.000000	0.00349707	O/G	0.25000000	0.00087427	No
MF112874		0.000000	0.000000	0.00119868	O/G	0.25000000	0.00029967	No
MF121783		0.000000	0.000000	0.00031147	O/G	0.25000000	0.00007787	No

API Number

4212335290

Remarks:

Allocation well traverses Units 5279 & 13656. Well spud 8/7/2024. First production 4/2025. Allocation based on Horizontal Box. Final, as-drilled plat and allocation information received 6/9/2025.

Prepared By:

MB

Prepared Date:

6/11/25

GLO Base Updated By:

MB

GLO Base Date:

6/11/25

RAM Approval By:

VD

RAM Approval Date:

6/11/25

GIS By:

MB

GIS Date:

6/11/25

Well Inventory By:

MB

WI Date:

6/11/25

IN ut 14487

42-123-35290
02-298799
spud 8/7/24
first prod 4/2025

Mary Barnstone

From: LUEDECKE, APRIL <april.luedecke@repsol.com>
Sent: Monday, June 9, 2025 10:39 AM
To: Mary Barnstone
Cc: Verdis Daniels; MOLONEY, SHANE
Subject: [EXTERNAL] Repsol-Operated Gano-Matejek Allocation wells 1 of 4
Attachments: 2010044 TX GLO GANO-MATEJEK CALCS 6.9.25.xlsx; Gano-Thieme-Dlugo-Matej (SA) A3 A 3H_AS-DRILLED.pdf; Gano-Thieme-Matejek (SA) A2 A 2H_As-Drilled.pdf

Some people who received this message don't often get email from april.luedecke@repsol.com. [Learn why this is important](#)

Good afternoon, Mary.

Repsol has recently completed the following Gano-Matejek allocation unit wells.

133152	GANO-THIEME-MATEJEK (SA) A2 A 2H	4212335286
133153	GANO-THIEME-DLUGO-MATEJEK (SA) A3 A 3H	4212335287
133154	GANO-THIEME-DLUGO-MATEJEK (SA) A4 A 4H	4212335288
133155	GANO-DLUGOSCH-MATEJEK (SA) A5 A 5H	4212335289
133156	GANO-DLUGOSCH-MATEJEK (SA) A6 A 6H	4212335290
133157	GANO-DLUGO-ECKHA-MATEJ (SA) A7 A 7H	4212335291
133158	GANO-DLUGOSCH-ECKHARDT (SA) A8 A 8H	4212335292

Additionally, we have set up a new DOI for payments on the Matejek and have used the acreage factor out to the 8th decimal place for accuracy. This has resulted in a minor upward adjustment to the GLO payment.

123600	MATEJEK GAS UNIT 1 1	4212332413
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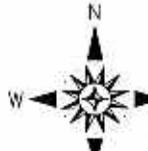
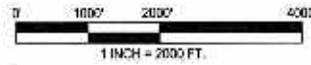
I am attaching the As-Drilled Plats and a spreadsheet with all calculations for your files. Please provide us with fact sheets to set up payments for the new allocation wells. Also, send a sheet for the Matejek Gas Unit 1 1 if one is needed. Please let me know if you need any additional information.

(This email is being broken into four separate messages for attachment file size.)

Thank you,

April Luedecke
Division Order Analyst
2455 Technology Forest Blvd.
The Woodlands, TX 77381
april.luedecke@repsol.com





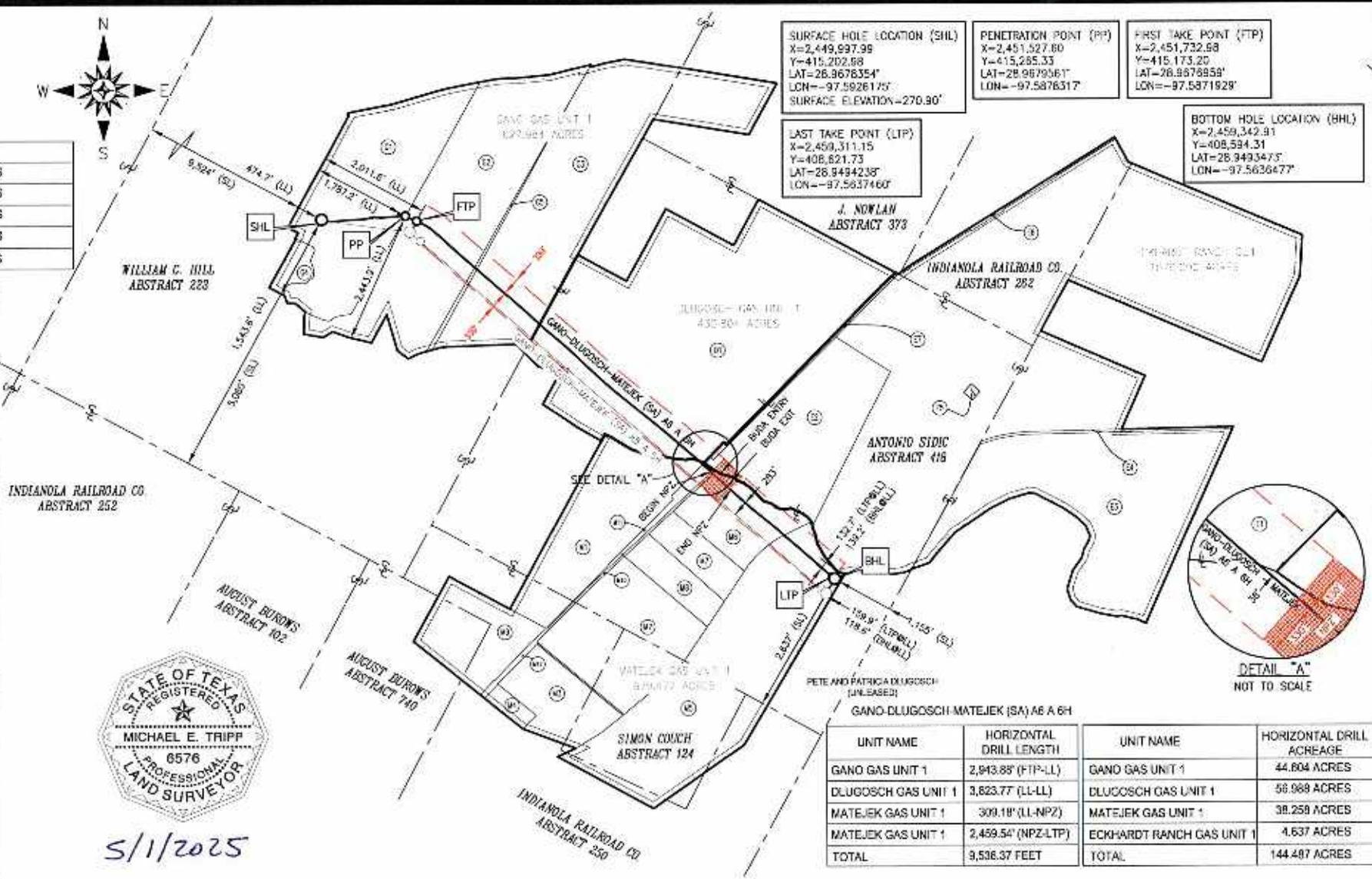
COMBINED ACREAGE	
GANO GAS UNIT 1	627.984 ACRES
DLUGOSCH GAS UNIT 1	430.804 ACRES
MATEJEK GAS UNIT 1	679.477 ACRES
ECKHARDT RANCH GAS UNIT 1	1,079.390 ACRES
TOTAL	2,817.355 ACRES

GANO GAS UNIT 1 ACREAGE TABLE			
TRACT	LESSOR	MEASURED	PCT.
01	JAMES OWEN, ET AL.	162.113	25.82
02	BROCK R. OWEN, ET AL.	207.485	33.04
03	MELBA JAYCE SWEET/JO ANN CORNELIUS TRUST	241.533	38.94
04	LLOYD A. HUBER & DONA C. HUBER	10.412	1.66
05	ELIZABETH S. OWEN, ET AL.	5.280	0.83
TOTAL		627.984	100.00

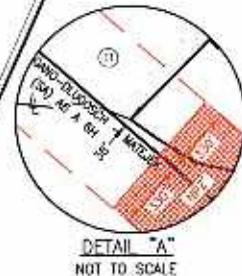
DLUGOSCH GAS UNIT 1 ACREAGE TABLE			
TRACT	LESSOR	MEASURED	PCT.
01	PETE DLUGOSCH, ET AL.	430.804	100.00
TOTAL		430.804	100.00

MATEJEK GAS UNIT 1 ACREAGE TABLE			
TRACT	LESSOR	MEASURED	PCT.
01	CARL MATEJEK AND WIFE, SHARON R. MATEJEK	112.201	16.527
02	HELEN ELIZABETH GAYO HUBER, ET AL.	107.908	15.899
03	FERNAND ROY MATEJEK, ET AL.	40.207	5.917
04	WILLIAMSON HUBER, ET AL.	7.223	1.065
05	PETE DLUGOSCH, ET AL.	228.204	32.860
06	DAVE A. TOSALE AND WIFE, I. ROSALE	43.780	6.398
07	JUNI CARROLL MATEJEK	35.620	5.199
08	SHIRLEY LEE KIMMICK, ET AL.	35.620	5.199
09	SHIRLEY LEE KIMMICK, ET AL.	62.174	9.130
10	STATE OF TEXAS	3.851	0.550
11	STATE OF TEXAS	8.874	1.284
12	STATE OF TEXAS	2.378	0.344
TOTAL		679.477	100.00

ECKHARDT RANCH GAS UNIT 1 ACREAGE TABLE			
TRACT	LESSOR	MEASURED	PCT.
01	THE MARGON ECKHARDT WIT TRUST	708.329	65.734
02	THE MARGON ECKHARDT WIT TRUST	123.754	11.482
03	THE MARGON ECKHARDT WIT TRUST	229.196	21.239
04	THE MARGON ECKHARDT WIT TRUST, ET AL.	2.343	0.218
05	THE MARGON ECKHARDT WIT TRUST	1.608	0.149
06	STATE OF TEXAS	4.625	0.427
07	STATE OF TEXAS	56.46	0.523
TOTAL		1,079.390	100.00



SURFACE HOLE LOCATION (SHL) X=2,449,997.99 Y=415,202.88 LAT=28.9678354° LON=-97.5826175° SURFACE ELEVATION=270.90'	PENETRATION POINT (PP) X=2,451,527.60 Y=415,285.33 LAT=28.9679061° LON=-97.5876317°	FIRST TAKE POINT (FTP) X=2,451,732.68 Y=415,173.25 LAT=28.9678955° LON=-97.5871929°
LAST TAKE POINT (LTP) X=2,459,311.15 Y=408,821.73 LAT=28.9494235° LON=-97.5837460°	BOTTOM HOLE LOCATION (BHL) X=2,459,342.91 Y=408,594.31 LAT=28.9493475° LON=-97.5836477°	



5/1/2025

UNIT NAME	HORIZONTAL DRILL LENGTH	UNIT NAME	HORIZONTAL DRILL ACREAGE
GANO GAS UNIT 1	2,943.85' (FTP-LL)	GANO GAS UNIT 1	44.604 ACRES
DLUGOSCH GAS UNIT 1	3,823.77' (LL-LL)	DLUGOSCH GAS UNIT 1	58.989 ACRES
MATEJEK GAS UNIT 1	309.18' (LL-NP2)	MATEJEK GAS UNIT 1	38.259 ACRES
MATEJEK GAS UNIT 1	2,459.54' (NP2-LTP)	ECKHARDT RANCH GAS UNIT 1	4.637 ACRES
TOTAL	9,536.37 FEET	TOTAL	144.487 ACRES

BEARINGS AND COORDINATES SHOWN ON THIS MAP ARE BASED ON THE TEXAS STATE PLANE COORDINATE SYSTEM OF 1977, SOUTH CENTRAL ZONE.

THIS MAP WAS PREPARED FOR AREA COMPUTATIONS OF MINERAL OWNERSHIP AND DOES NOT REPRESENT A CURRENT OWNERSHIP BOUNDARY SURVEY.

RECORDS RESEARCH WAS PROVIDED BY THE CLIENT OR CLIENT'S REPRESENTATIVES AND NO ADDITIONAL RESEARCH WAS REQUIRED TO PREPARE THIS MAP.

LESSOR NAMES ARE PROVIDED BY THE CLIENTS REPRESENTATIVE AND NOT BY THE SURVEYOR.

THIS MAP WAS PREPARED FROM AN ACTUAL ON THE GROUND SURVEY PERFORMED UNDER MY SUPERVISION DURING FEBRUARY 2023.

Michael E. Tripp

MICHAEL E. TRIPP
REGISTERED PROFESSIONAL LAND SURVEYOR
STATE OF TEXAS NO. 6576

AS-DRILLED WELL PLAT
REPSOL OIL & GAS USA, LLC
GANO-DLUGOSCH-MATEJEK (SA) A6 A 6H
COMBINED 2,817.355 ACRES

J. NOWLAN SURVEY, A-373
WILLIAM G. HILL SURVEY, A-223
ANTONIO SIDIC SURVEY, A-418
AUGUST BURROWS SURVEY, A-740
INDIANOLA RAILROAD CO. SURVEY, A-250
SIMON COUCH SURVEY, A-124
DEWITT COUNTY, TEXAS

GANO-DLUGOSCH-MATEJEK (SA) A6 A 6H SURFACE HOLE LOCATION BEARS S80°00'00"W - 5.11 MILES FROM YORKTOWN, TEXAS.

LEGEND

- SHL = SURFACE HOLE LOCATION
- PP = PENETRATION POINT
- FTP = FIRST TAKE POINT
- LTP = LAST TAKE POINT
- BHL = BOTTOM HOLE LOCATION
- S = APPROXIMATE SURVEY ABSTRACT LINE
- L = LEASE LINE
- [Red Hatched Box] = NO PERFORATION ZONE

PERCHERON
PROFESSIONAL SERVICES, L.L.C.

1004 WEST GRAND PARKWAY N. SUITE 200
KATY, TEXAS 77449
(832) 300-6400
TEXAS SURVEYING FIRM LICENSE: 10020700

05/01/2025

SCHEDULE OF CALCULATIONS
STATE OF TEXAS, COMMISSIONER OF THE GENERAL LAND OFFICE
VARIOUS ALLOCATION WELLS INCLUDING LEASES IN THE MATEJEK AND ECKHARDT RANCH UNITS

Prop #	Prop Name	API	First Production	GLO ID	BA No	BA Name	Int Type	Int Seq	Tract MI	Lse Roy	Unit Allocation	Well Allocation	Well NRI	Fraction	NRI CHECK
133152	GANO-THIEME-MATEJEK (SA) A2 A 2H	4212335286	4/19/2025	MF 112076	2010044	Commissioner Of The General Land	RI	1	1	0.25	0.00415172	0.51687558	0.00053648	MATEJEK UT TR 10: 1 x 0.25 x 2.821/679.477 x 75.377/145.832	0.00053648
133152	GANO-THIEME-MATEJEK (SA) A2 A 2H	4212335286	4/19/2025	MF 112872	2010044	Commissioner Of The General Land	RI	2	1	0.25	0.01320722	0.51687558	0.00170662	MATEJEK UT TR 11: 1 x 0.25 x 8.974/679.477 x 75.377/145.832	0.00170662
133152	GANO-THIEME-MATEJEK (SA) A2 A 2H	4212335286	4/19/2025	MF 112874	2010044	Commissioner Of The General Land	RI	3	1	0.25	0.00452701	0.51687558	0.00058497	MATEJEK UT TR 12: 1 x 0.25 x 3.076/679.477 x 75.377/145.832	0.00058498
													0.00282807		
133153	GANO-THIEME-DLUGO-MATEJEK (SA) A3 A 3H	4212335287	4/19/2025	MF 112076	2010044	Commissioner Of The General Land	RI	1	1	0.25	0.00415172	0.50154104	0.00052057	MATEJEK UT TR 10: 1 x 0.25 x 2.821/679.477 x 74.204/147.952	0.00052056
133153	GANO-THIEME-DLUGO-MATEJEK (SA) A3 A 3H	4212335287	4/19/2025	MF 112872	2010044	Commissioner Of The General Land	RI	2	1	0.25	0.01320722	0.50154104	0.00165599	MATEJEK UT TR 11: 1 x 0.25 x 8.974/679.477 x 74.204/147.952	0.00165599
133153	GANO-THIEME-DLUGO-MATEJEK (SA) A3 A 3H	4212335287	4/19/2025	MF 112874	2010044	Commissioner Of The General Land	RI	3	1	0.25	0.00452701	0.50154104	0.00056762	MATEJEK UT TR 12: 1 x 0.25 x 3.076/679.477 x 74.204/147.952	0.00056762
													0.00274418		
133154	GANO-THIEME-DLUGO-MATEJEK (SA) A4 A 4H	4212335288	4/19/2025	MF 112076	2010044	Commissioner Of The General Land	RI	1	1	0.25	0.00415172	0.43441832	0.00045090	MATEJEK UT TR 10: 1 x 0.25 x 2.821/679.477 x 67.092/154.441	0.00045090
133154	GANO-THIEME-DLUGO-MATEJEK (SA) A4 A 4H	4212335288	4/19/2025	MF 112872	2010044	Commissioner Of The General Land	RI	2	1	0.25	0.01320722	0.43441832	0.00143436	MATEJEK UT TR 11: 1 x 0.25 x 8.974/679.477 x 67.092/154.441	0.00143436
133154	GANO-THIEME-DLUGO-MATEJEK (SA) A4 A 4H	4212335288	4/19/2025	MF 112874	2010044	Commissioner Of The General Land	RI	3	1	0.25	0.00452701	0.43441832	0.00049165	MATEJEK UT TR 12: 1 x 0.25 x 3.076/679.477 x 67.092/154.441	0.00049165
													0.00237692		
133155	GANO-DLUGOSCH-MATEJEK (SA) A5 A 5H	4212335289	4/19/2025	MF 112076	2010044	Commissioner Of The General Land	RI	1	1	0.25	0.00415172	0.37957950	0.00039398	MATEJEK UT TR 10: 1 x 0.25 x 2.821/679.477 x 57.285/150.917	0.00039398
133155	GANO-DLUGOSCH-MATEJEK (SA) A5 A 5H	4212335289	4/19/2025	MF 112872	2010044	Commissioner Of The General Land	RI	2	1	0.25	0.01320722	0.37957950	0.00125330	MATEJEK UT TR 11: 1 x 0.25 x 8.974/679.477 x 57.285/150.917	0.00125330
133155	GANO-DLUGOSCH-MATEJEK (SA) A5 A 5H	4212335289	4/19/2025	MF 112874	2010044	Commissioner Of The General Land	RI	3	1	0.25	0.00452701	0.37957950	0.00042959	MATEJEK UT TR 12: 1 x 0.25 x 3.076/679.477 x 57.285/150.917	0.00042959
													0.00207687		
133156	GANO-DLUGOSCH-MATEJEK (SA) A6 A 6H	4212335290	4/19/2025	MF 112076	2010044	Commissioner Of The General Land	RI	1	1	0.25	0.00415172	0.26478507	0.00027483	MATEJEK UT TR 10: 1 x 0.25 x 2.821/679.477 x 38.258/144.487	0.00027483
133156	GANO-DLUGOSCH-MATEJEK (SA) A6 A 6H	4212335290	4/19/2025	MF 112872	2010044	Commissioner Of The General Land	RI	2	1	0.25	0.01320722	0.26478507	0.00087427	MATEJEK UT TR 11: 1 x 0.25 x 8.974/679.477 x 38.258/144.487	0.00087427
133156	GANO-DLUGOSCH-MATEJEK (SA) A6 A 6H	4212335290	4/19/2025	MF 112874	2010044	Commissioner Of The General Land	RI	3	1	0.25	0.00452701	0.26478507	0.00029967	MATEJEK UT TR 12: 1 x 0.25 x 3.076/679.477 x 38.258/144.487	0.00029967
133156	GANO-DLUGOSCH-MATEJEK (SA) A6 A 6H	4212335290	4/19/2025	MF 116850	2010044	Commissioner Of The General Land	RI	4	1	0.25	0.00970540	0.03209265	0.00007788	ECKHARDT RANCH UT TR 3, 4: 1 x 0.25 x 10.473/1079.09 x 4.637/144.487	0.00007787
													0.00152665		
133157	GANO-DLUGO-ECKHA-MATEJ (SA) A7 A 7H	4212335291	4/19/2025	MF 112076	2010044	Commissioner Of The General Land	RI	1	1	0.25	0.00415172	0.13400381	0.00013909	MATEJEK UT TR 10: 1 x 0.25 x 2.821/679.477 x 20.386/152.13	0.00013909
133157	GANO-DLUGO-ECKHA-MATEJ (SA) A7 A 7H	4212335291	4/19/2025	MF 112872	2010044	Commissioner Of The General Land	RI	2	1	0.25	0.01320722	0.13400381	0.00044246	MATEJEK UT TR 11: 1 x 0.25 x 8.974/679.477 x 20.386/152.13	0.00044245
133157	GANO-DLUGO-ECKHA-MATEJ (SA) A7 A 7H	4212335291	4/19/2025	MF 112874	2010044	Commissioner Of The General Land	RI	3	1	0.25	0.00452701	0.13400381	0.00015166	MATEJEK UT TR 12: 1 x 0.25 x 3.076/679.477 x 20.386/152.13	0.00015166
133157	GANO-DLUGO-ECKHA-MATEJ (SA) A7 A 7H	4212335291	4/19/2025	MF 116850	2010044	Commissioner Of The General Land	RI	4	1	0.25	0.00970540	0.17266812	0.00041896	ECKHARDT RANCH UT TR 3, 4: 1 x 0.25 x 10.473/1079.09 x 26.268/152.13	0.00041895
													0.00115217		
133158	GANO-DLUGOSCH-ECKHARDT (SA) A8 A 8H	4212335292	4/19/2025	MF 116850	2010044	Commissioner Of The General Land	RI	4	1	0.25	0.00970540	0.34419972	0.00083515	ECKHARDT RANCH UT TR 3, 4: 1 x 0.25 x 10.473/1079.09 x 38.258/144.487	0.00083515
													0.00083515		

Prop # Repsol-assigned well number
Prop Name Repsol-entered property name
API API number
First Production Date of first production
GLO ID State-assigned lease identification number
BA No Repsol assigned owner number
BA Name Repsol entered owner name
Int Type RI is Royalty Interest
Int Seq Sequence assigned to lease interest in unit
Tract MI Tract Mineral Interest
Lse Roy Lease Royalty Rate
Unit Allocation Tract acreage / unit acreage
Well Allocation PSA unit "box" acreage / well "box" total acreage
Well NRI Final well level NRI for lease
Fraction Fractional calculation
NRI Check Tract MI x Lse Roy x Unit Alloc x Well Alloc

File No. MF112076

Dewitt _____ County

iNot14487

Date Filed: 6/18/25
Commissioner Dawn Buckingham, M.D.

By: LZ



Information for processing an Internal Non-Unit Transaction (iNut)
Horizontal Box

iNut No. 14488

GENERAL INFORMATION

Name of Well: Gano-Dlugo-Eckha-Matej (SA) A7 A 7H (alloc)

API# 42-123-35291

Name of Operator: Repsol Oil & Gas USA, LLC

RRC # 02-298719

Operator Contact Person: April Luedecke

Email: april.luedecke@repsol.com

Counties: De Witt

ALLOCATION OF STATE UNITS AND/OR LEASES BASED ON HORIZONTAL BOX

Lease Type	Unit/Lease No	Total Horizontal Box	Unit Horizontal Box	Unit Royalty Decimal	Lease Royalty Decimal	RRAC Participation Factor	State Participation by Unit/Lease
HROW	5279/MF112076	152.130	20.386	0.00103793	0.25000000	0.00055635	0.00013909
HROW	5279/MF112872	152.130	20.386	0.00330180	0.25000000	0.00176982	0.00044245
HROW	5279/MF112874	152.130	20.386	0.00113175	0.25000000	0.00060664	0.00015166
HROW	13656/MF121783	152.130	26.268	0.00242635	0.25000000	0.00167581	0.00041895
Totals:						0.00460861	0.00115215
Effective Date:	8/6/2024						State Net Royalty Revenue in Well

Name of Production Sharing Agreement, if any:

Comments: Allocation well traverses Units 5279 & 13656. Well spud 8/6/2024. First production 4/2025.

Allocation based on Horizontal Box. Final, as-drilled plat and allocation information received 6/9/2025.

Attach a plat showing the iNut well with length of laterals marked and the State lands marked.

Lease Types: Relinquishment Act Land (RAL), State Fee (SF), Free Royalty (FR), Unleased Riverbed (UR), Highway Right of Way (HROW), Unleased Highway (UH), Criminal Justice (TDCJ), Parks & Wildlife (TPW), Mineral Production Allocation (MPAA), Dept. of Aging (DADS), School for the Blind (SBVI), Stephen F. Austin (SFA), TX A&M (A&M).

Prepared by: *MB* Alamo updated by: *MB* WI updated by: *MB*

RAM approval by: *VD* GIS updated by: _____

DO NOT DESTROY



Texas General Land Office

UNIT AGREEMENT MEMO

INUT250001

Unit Number 14488
Operator Name Repsol Oil & Gas USA, LLC
Customer ID C000050215
Unit Name Gano-Dlugo-Eckha-Matej (SA) A7 A 7H (alloc)
County 1 DeWitt **RRC District 1** 02
County 2 **RRC District 2**
County 3 **RRC District 3**
County 4 **RRC District 4**
Unit type iNut
State Net Revenue Interest Oil 0.00115215
State Part in Unit 0.00460861
Unit Depth Specified Depths
From Depth **Well**
To Depth **Formation** Top of Eagle Ford to Base of Eagle Ford
Participation Basis Other
If Exclusions Apply: See Remarks

Effective Date 08/06/2024
Unitized For Oil And Gas
Unit Term
Old Unit Number **Inactive Status Date**

Lease Number	Tract No	Lease Acres in Unit	Total Unit Acres	Tract Participation	O/G	Lease Royalty	NRI of Lease in Unit	Royalty Rate Reduction Clause
MF112076		0.000000	0.000000	0.00055635	O/G	0.25000000	0.00013909	No
MF112872		0.000000	0.000000	0.00176982	O/G	0.25000000	0.00044245	No
MF112874		0.000000	0.000000	0.00060664	O/G	0.25000000	0.00015166	No
MF121783		0.000000	0.000000	0.00167581	O/G	0.25000000	0.00041895	No

1 Nut 14488

42-123-35291
02-298719

Mary Barnstone

08/06/2024

From: LUEDECKE, APRIL <april.luedecke@repsol.com>
Sent: Monday, June 9, 2025 10:39 AM
To: Mary Barnstone
Cc: Verdis Daniels; MOLONEY, SHANE
Subject: [EXTERNAL] Repsol-Operated Gano-Matejek Allocation wells 1 of 4
Attachments: 2010044 TX GLO GANO-MATEJEK CALCS 6.9.25.xlsx; Gano-Thieme-Dlugo-Matej (SA) A3 A 3H_AS-DRILLED.pdf; Gano-Thieme-Matejek (SA) A2 A 2H_As-Drilled.pdf

first prod 4/1/2025
Sugarkane (Eagle Ford)

Some people who received this message don't often get email from april.luedecke@repsol.com. [Learn why this is important](#)

Good afternoon, Mary.

Repsol has recently completed the following Gano-Matejek allocation unit wells.

133152	GANO-THIEME-MATEJEK (SA) A2 A 2H	4212335286
133153	GANO-THIEME-DLUGO-MATEJEK (SA) A3 A 3H	4212335287
133154	GANO-THIEME-DLUGO-MATEJEK (SA) A4 A 4H	4212335288
133155	GANO-DLUGOSCH-MATEJEK (SA) A5 A 5H	4212335289
133156	GANO-DLUGOSCH-MATEJEK (SA) A6 A 6H	4212335290
133157	GANO-DLUGO-ECKHA-MATEJ (SA) A7 A 7H	4212335291
133158	GANO-DLUGOSCH-ECKHARDT (SA) A8 A 8H	4212335292

Additionally, we have set up a new DOI for payments on the Matejek and have used the acreage factor out to the 8th decimal place for accuracy. This has resulted in a minor upward adjustment to the GLO payment.

123600	MATEJEK GAS UNIT 1 1	4212332413
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I am attaching the As-Drilled Plats and a spreadsheet with all calculations for your files. Please provide us with fact sheets to set up payments for the new allocation wells. Also, send a sheet for the Matejek Gas Unit 1 1 if one is needed. Please let me know if you need any additional information.

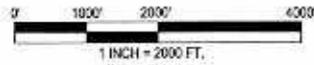
(This email is being broken into four separate messages for attachment file size.)

Thank you,

April Luedecke
Division Order Analyst
 2455 Technology Forest Blvd.
 The Woodlands, TX 77381

april.luedecke@repsol.com





GANO GAS UNIT 1 ACREAGE TABLE

TRACT	LESSOR	MEASURED	PCT.
31	JAMES GARD, ET AL	182.312	29.82
32	ELIZABETH R. DANA, ET AL	227.486	36.64
33	ALLEN JOYCE SWANSON-ANN CORNELIUS TRUST	211.632	34.49
34	LOTTIE A. BRADY & DONNA E. REEDER	15.412	2.5
35	ELIZABETH R. DANA, ET AL	63.80	10.36
TOTAL		627.984	100.00

DLUGOSCH GAS UNIT 1 ACREAGE TABLE

TRACT	LESSOR	MEASURED	PCT.
31	PER. DLUGOSCH, ET AL	430.804	100.00
TOTAL		430.804	100.00

MATEJEK GAS UNIT 1 ACREAGE TABLE

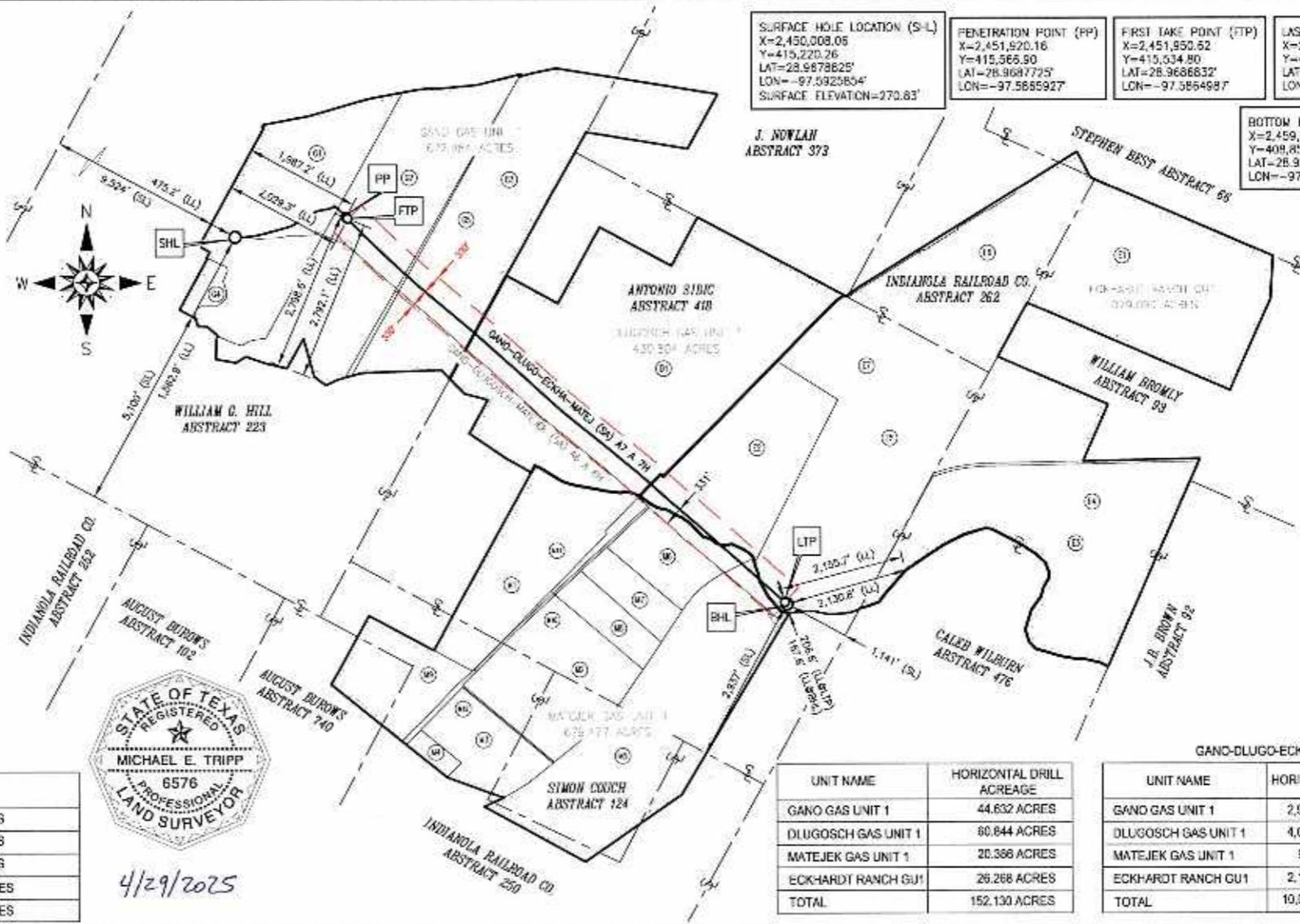
TRACT	LESSOR	MEASURED	PCT.
#1	GARY WATSON AND WIFE, DONNA & WALTER	170.231	26.23
#2	HELEN LOUISE GARDNER, ET AL	117.636	18.06
#3	FRANKIE BOY MEARS, ET AL	48.287	7.33
#4	VIVIAN MARY WOOD, ET AL	72.25	11.03
#5	PER. DLUGOSCH, ET AL	226.894	34.47
#6	CAROL A. FISALE AND WAYNE T. FISALE	48.769	7.35
#7	UTAH CHANNEL MINELAND	25.833	3.94
#8	ROBERT LEE BARNHART, ET AL	25.833	3.94
#9	GREG MATHIAS, ET AL	62.174	9.42
#10	STATE OF TEXAS	2.821	0.43
#11	STATE OF TEXAS	85.74	13.01
#12	STATE OF TEXAS	30.96	4.75
TOTAL		679.477	100.00

ECKHARDT RANCH GU1 ACREAGE TABLE

TRACT	LESSOR	MEASURED	PCT.
E1	BE BANSA COMPANY WITH TRUST BE BANSA COMPANY WITH TRUST	708.339	85.74
E2	BE BANSA COMPANY WITH TRUST BE BANSA COMPANY WITH TRUST	133.134	16.06
E3	BE BANSA COMPANY WITH TRUST BE BANSA COMPANY WITH TRUST	226.180	27.20
E4	BE BANSA COMPANY WITH TRUST BE BANSA COMPANY WITH TRUST	3.343	0.40
E5	BE BANSA COMPANY WITH TRUST BE BANSA COMPANY WITH TRUST	1.080	0.13
E6	STATE OF TEXAS	4.833	0.58
E7	STATE OF TEXAS	5.540	0.67
TOTAL		1,079.090	100.00

COMBINED ACREAGE

UNIT NAME	HORIZONTAL DRILL ACREAGE
GANO GAS UNIT 1	627.984 ACRES
DLUGOSCH GAS UNIT 1	430.804 ACRES
MATEJEK GAS UNIT 1	679.477 ACRES
ECKHARDT RANCH GU1	1,079.090 ACRES
TOTAL	2,817.355 ACRES



SURFACE HOLE LOCATION (S-L)
 X=2,450,008.06
 Y=415,220.26
 LAT=28.9878625°
 LON=-97.5925804°
 SURFACE ELEVATION=270.83'

PENETRATION POINT (PP)
 X=2,451,520.16
 Y=415,565.90
 LAT=28.9687725°
 LON=-97.585927°

FIRST TAKE POINT (FTP)
 X=2,451,950.52
 Y=415,534.80
 LAT=28.9686832°
 LON=-97.5854987°

LAST TAKE POINT (LTP)
 X=2,459,465.60
 Y=408,880.76
 LAT=28.9501310°
 LON=-97.5632531°

BOTTOM HOLE LOCATION (BHL)
 X=2,459,499.79
 Y=409,850.13
 LAT=28.9500455°
 LON=-97.5631474°



4/29/2025

UNIT NAME	HORIZONTAL DRILL ACREAGE
GANO GAS UNIT 1	44.632 ACRES
DLUGOSCH GAS UNIT 1	60.844 ACRES
MATEJEK GAS UNIT 1	20.366 ACRES
ECKHARDT RANCH GU1	26.268 ACRES
TOTAL	152.130 ACRES

UNIT NAME	HORIZONTAL DRILL LENGTH
GANO GAS UNIT 1	2,945.73' (FTP-LL)
DLUGOSCH GAS UNIT 1	4,012.47' (LL-LL)
MATEJEK GAS UNIT 1	911.48' (LL-LL)
ECKHARDT RANCH GU1	2,171.22' (LL-LL & LL-LTP)
TOTAL	10,040.90 FEET

BEARINGS AND COORDINATES SHOWN ON THIS MAP ARE BASED ON THE TEXAS STATE PLANE COORDINATE SYSTEM OF 1927, SOUTH CENTRAL ZONE.

THIS MAP WAS PREPARED FOR AREA COMPUTATIONS OF MINERAL OWNERSHIP AND DOES NOT REPRESENT A CURRENT OWNERSHIP BOUNDARY SURVEY.

RECORDS RESEARCH WAS PROVIDED BY THE CLIENT OR CLIENT'S REPRESENTATIVES AND NO ADDITIONAL RESEARCH WAS REQUIRED TO PREPARE THIS MAP.

LESSOR NAMES ARE PROVIDED BY THE CLIENTS REPRESENTATIVE AND NOT BY THE SURVEYOR.

THIS MAP WAS PREPARED FROM AN ACTUAL ON THE GROUND SURVEY PERFORMED UNDER MY SUPERVISION DURING FEBRUARY 2023.

Michael E. Tripp

MICHAEL E. TRIPP
 REGISTERED PROFESSIONAL LAND SURVEYOR
 STATE OF TEXAS NO. 6576

AS-DRILLED WELL PLAT
 REPSOL OIL & GAS USA, LLC
 GANO-DLUGO-ECKHA-MATEJ (SA) AT A 7H
 COMBINED 2,817.355 ACRES

J. NOWLAN SURVEY, A-373, WILLIAM G. HILL SURVEY, A-223
 ANTONIO SIDIC SURVEY, A-418, AUGUST BUROWS SURVEY, A-740
 INDIANOLA RAILROAD CO. SURVEY, A-250, SIMON COUCH SURVEY, A-124
 INDIANOLA RAILROAD CO. SURVEY, A-262, WILLIAM BROMLY SURVEY, A-93
 STEPHEN BEST SURVEY, A-66
 DEWITT COUNTY, TEXAS

GANO-DLUGO-ECKHA-MATEJ (SA) AT A 7H SURFACE HOLE LOCATION BEARS S80°00'00"W - 5.11 MILES FROM YORKTOWN, TEXAS.

- LEGEND**
- SHL = SURFACE HOLE LOCATION
 - PP = PENETRATION POINT
 - FTP = FIRST TAKE POINT
 - LTP = LAST TAKE POINT
 - BHL = BOTTOM HOLE LOCATION
 - = APPROXIMATE SURVEY ABSTRACT LINE
 - = LEASE LINE

PERCHERON
 PROFESSIONAL SERVICES, L.L.C.
 1004 WEST GRAND PARKWAY N. SUITE 200
 KATY, TEXAS 77449
 (832) 300-6400
 TEXAS SURVEYING FIRM LICENSE: 10020700
 04/29/2025

SCHEDULE OF CALCULATIONS
STATE OF TEXAS, COMMISSIONER OF THE GENERAL LAND OFFICE
VARIOUS ALLOCATION WELLS INCLUDING LEASES IN THE MATEJEK AND ECKHARDT RANCH UNITS

Prop #	Prop Name	API	First Production	GLO ID	BA No	BA Name	Int Type	Int Seq	Tract MI	Lse Roy	Unit Allocation	Well Allocation	Well NRI	Fraction	NRI CHECK
133152	GANO-THIEME-MATEJEK (SA) A2 A 2H	4212335286	4/19/2025	MF 112076	2010044	Commissioner Of The General Land	RI	1	1	0.25	0.00415172	0.51687558	0.00053648	MATEJEK UT TR 10: 1 x 0.25 x 2.821/679.477 x 75.377/145.832	0.00053648
133152	GANO-THIEME-MATEJEK (SA) A2 A 2H	4212335286	4/19/2025	MF 112872	2010044	Commissioner Of The General Land	RI	2	1	0.25	0.01320722	0.51687558	0.00170662	MATEJEK UT TR 11: 1 x 0.25 x 8.974/679.477 x 75.377/145.832	0.00170662
133152	GANO-THIEME-MATEJEK (SA) A2 A 2H	4212335286	4/19/2025	MF 112874	2010044	Commissioner Of The General Land	RI	3	1	0.25	0.00452701	0.51687558	0.00058497	MATEJEK UT TR 12: 1 x 0.25 x 3.076/679.477 x 75.377/145.832	0.00058498
													0.00282807		
133153	GANO-THIEME-DLUGO-MATEJEK (SA) A3 A 3H	4212335287	4/19/2025	MF 112076	2010044	Commissioner Of The General Land	RI	1	1	0.25	0.00415172	0.50154104	0.00052057	MATEJEK UT TR 10: 1 x 0.25 x 2.821/679.477 x 74.204/147.952	0.00052058
133153	GANO-THIEME-DLUGO-MATEJEK (SA) A3 A 3H	4212335287	4/19/2025	MF 112872	2010044	Commissioner Of The General Land	RI	2	1	0.25	0.01320722	0.50154104	0.00165599	MATEJEK UT TR 11: 1 x 0.25 x 8.974/679.477 x 74.204/147.952	0.00165599
133153	GANO-THIEME-DLUGO-MATEJEK (SA) A3 A 3H	4212335287	4/19/2025	MF 112874	2010044	Commissioner Of The General Land	RI	3	1	0.25	0.00452701	0.50154104	0.00058762	MATEJEK UT TR 12: 1 x 0.25 x 3.076/679.477 x 74.204/147.952	0.00058762
													0.00274418		
133154	GANO-THIEME-DLUGO-MATEJEK (SA) A4 A 4H	4212335288	4/19/2025	MF 112076	2010044	Commissioner Of The General Land	RI	1	1	0.25	0.00415172	0.43441832	0.00045090	MATEJEK UT TR 10: 1 x 0.25 x 2.821/679.477 x 67.092/154.441	0.00045090
133154	GANO-THIEME-DLUGO-MATEJEK (SA) A4 A 4H	4212335288	4/19/2025	MF 112872	2010044	Commissioner Of The General Land	RI	2	1	0.25	0.01320722	0.43441832	0.00143436	MATEJEK UT TR 11: 1 x 0.25 x 8.974/679.477 x 67.092/154.441	0.00143436
133154	GANO-THIEME-DLUGO-MATEJEK (SA) A4 A 4H	4212335288	4/19/2025	MF 112874	2010044	Commissioner Of The General Land	RI	3	1	0.25	0.00452701	0.43441832	0.00049165	MATEJEK UT TR 12: 1 x 0.25 x 3.076/679.477 x 67.092/154.441	0.00049165
													0.00237692		
133155	GANO-DLUGOSCH-MATEJEK (SA) A5 A 5H	4212335289	4/19/2025	MF 112076	2010044	Commissioner Of The General Land	RI	1	1	0.25	0.00415172	0.37957950	0.00039398	MATEJEK UT TR 10: 1 x 0.25 x 2.821/679.477 x 57.285/150.917	0.00039398
133155	GANO-DLUGOSCH-MATEJEK (SA) A5 A 5H	4212335289	4/19/2025	MF 112872	2010044	Commissioner Of The General Land	RI	2	1	0.25	0.01320722	0.37957950	0.00125330	MATEJEK UT TR 11: 1 x 0.25 x 8.974/679.477 x 57.285/150.917	0.00125330
133155	GANO-DLUGOSCH-MATEJEK (SA) A5 A 5H	4212335289	4/19/2025	MF 112874	2010044	Commissioner Of The General Land	RI	3	1	0.25	0.00452701	0.37957950	0.00042959	MATEJEK UT TR 12: 1 x 0.25 x 3.076/679.477 x 57.285/150.917	0.00042959
													0.00207687		
133156	GANO-DLUGOSCH-MATEJEK (SA) A6 A 6H	4212335290	4/19/2025	MF 112076	2010044	Commissioner Of The General Land	RI	1	1	0.25	0.00415172	0.26478507	0.00027483	MATEJEK UT TR 10: 1 x 0.25 x 2.821/679.477 x 38.258/144.487	0.00027483
133156	GANO-DLUGOSCH-MATEJEK (SA) A6 A 6H	4212335290	4/19/2025	MF 112872	2010044	Commissioner Of The General Land	RI	2	1	0.25	0.01320722	0.26478507	0.00087427	MATEJEK UT TR 11: 1 x 0.25 x 8.974/679.477 x 38.258/144.487	0.00087427
133156	GANO-DLUGOSCH-MATEJEK (SA) A6 A 6H	4212335290	4/19/2025	MF 112874	2010044	Commissioner Of The General Land	RI	3	1	0.25	0.00452701	0.26478507	0.00029967	MATEJEK UT TR 12: 1 x 0.25 x 3.076/679.477 x 38.258/144.487	0.00029967
133156	GANO-DLUGOSCH-MATEJEK (SA) A6 A 6H	4212335290	4/19/2025	MF 116850	2010044	Commissioner Of The General Land	RI	4	1	0.25	0.00970540	0.03209285	0.00007788	ECKHARDT RANCH UT TR 3, 4: 1 x 0.25 x 10.473/1079.09 x 4.637/144.487	0.00007787
													0.00152665		
133157	GANO-DLUGO-ECKHA-MATEJ (SA) A7 A 7H	4212335291	4/19/2025	MF 112076	2010044	Commissioner Of The General Land	RI	1	1	0.25	0.00415172	0.13400381	0.00013909	MATEJEK UT TR 10: 1 x 0.25 x 2.821/679.477 x 20.386/152.13	0.00013909
133157	GANO-DLUGO-ECKHA-MATEJ (SA) A7 A 7H	4212335291	4/19/2025	MF 112872	2010044	Commissioner Of The General Land	RI	2	1	0.25	0.01320722	0.13400381	0.00044245	MATEJEK UT TR 11: 1 x 0.25 x 8.974/679.477 x 20.386/152.13	0.00044245
133157	GANO-DLUGO-ECKHA-MATEJ (SA) A7 A 7H	4212335291	4/19/2025	MF 112874	2010044	Commissioner Of The General Land	RI	3	1	0.25	0.00452701	0.13400381	0.00015166	MATEJEK UT TR 12: 1 x 0.25 x 3.076/679.477 x 20.386/152.13	0.00015166
133157	GANO-DLUGO-ECKHA-MATEJ (SA) A7 A 7H	4212335291	4/19/2025	MF 116850	2010044	Commissioner Of The General Land	RI	4	1	0.25	0.00970540	0.17266812	0.00041896	ECKHARDT RANCH UT TR 3, 4: 1 x 0.25 x 10.473/1079.09 x 26.268/152.13	0.00041895
													0.00115217		
133158	GANO-DLUGOSCH-ECKHARDT (SA) A8 A 8H	4212335292	4/19/2025	MF 116850	2010044	Commissioner Of The General Land	RI	4	1	0.25	0.00970540	0.34419972	0.00083515	ECKHARDT RANCH UT TR 3, 4: 1 x 0.25 x 10.473/1079.09 x 38.258/144.487	0.00083515
													0.00083515		

Prop # Repsol-assigned well number
Prop Name Repsol-entered property name
API API number
First Production Date of first production
GLO ID State-assigned lease identification number
BA No Repsol assigned owner number
BA Name Repsol entered owner name
Int Type RI is Royalty Interest
Int Seq Sequence assigned to lease interest in unit
Tract MI Tract Mineral Interest
Lse Roy Lease Royalty Rate
Unit Allocation Tract acreage / unit acreage
Well Allocation PSA unit "box" acreage / well "box" total acreage
Well NRI Final well level NRI for lease
Fraction Fractional calculation
NRI Check Tract MI x Lse Roy x Unit Alloc x Well Alloc

File No. ME112076
DeWitt County
iNv14488
Date Filed: 6/18/25
Commissioner Dawn Buckingham, M.D.
By: LZ