Rentals: MT.

Lease Admin:

Mineral Maps:

STATE LEASE

MF099029

CONTROL	BASEFILE	COUNTY	
07-21411	107420 -	CULBERSON	/055
07-21420	107421 -	CULBERSON	/055
07-31375	101690 -	CULBERSON	/055
07-31589	101707 -	CULBERSON	/055

SURVEY : PUBLIC SCHOOL LAND
BLOCK : 108 / 4Z
TOWNSHIP : 00
SECTION/TRACT: 15,28/7,8

PART

: 2626.00 ACRES

DEPTH LIMITS : NO

: JOHNSON, CLAY LESSEE LEASE DATE : Jan 01 1998

PRIMARY TERM : 5 yrs BONUS (\$) : 13130.00 RENTAL (\$) : 1.00

: 0.15625000 ROYALTY

VAR ROYALTY :



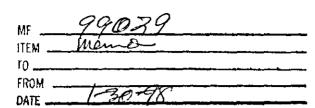
CONTENTS OF FIL	E NO. <u>99039</u>
1. Manyo +30-98	
D. Lease 1-1-98	
3. Letter 11-4-97	
7. Letter 1-15-98	
5. Letter 6-24-98	
6. Amendment to O+ Coleane. 3-498	
1. Kentat gmf. 12/28/98	
8. Xental port. 12/27/99	
See MF099026 49 for letters	
tassegument 7/16/00	
See MF 099026 # 10for	
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10. Montal Seigner 17/10/	
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GENERAL LAND OFFICE

GARRY MAURO COMMISSIONER

MEMORANDUM

DATE:		
TO:	Garry Mauro, Commissioner Spencer Reid, Senior Deputy	
FROM:	Robert Hatter, Director, Mineral Leas Peter Boone, Chief Mineral Evaluator	1.75 ()
SUBJECT: County: Description: _ Applicant: Consideration	CULBERSON SECT 8, BLK42; SEC 15, 28, TITAN RESOURCES : #10, 54R, #1, 5/32	BLK 108, PSL
Consideration Recommended Not Recommended Comments:	d: 50 B 1/30/98	
Not Recommonder Recommender Comments:	ed: 1834 1/20/98 end: ed, after technical changes: whibit A will be amended	
Recommende	ed:	Date: 3/18
Garry Mauro Approved: Not Approve	GM	Date:



Mineral Classified Land Lease Consideration Comparison

County CULBERSON SEC 7, 8, 8LK 42; SEC 15,28, BLK108, PSL Area Total Lease Bonus B/Ac Rental Comparison M. F. Acres Date Term New

Remarks:

Consideration	CaB 1/30/98
Recommended	(TUI) 1/30/98
Not Recommende	d

General Land Office Relinquishmnt Act Lease Form Revised, September 1997

50374

OIL AND GAS LEASE

THIS	AGREEMENT is made and entered into this 1st day of upples, a married woman dealing in her s	January 1998, between the State of Texas, acting by ar sole and separate property, and Irene Cupples,	id through its Independent
Executrix of	the Estate of Joe T. Rounsaville, dec'd	of P. O. Box 1861, Pecos, Texas 79772	
			said agent
		manent Address)	
herein referred to	as the owner of the soil (whether one or more), andC1	ay Johnson	of
210 West To	xas, Suite 808, Midland, Texas 79701		of
310 Hear 16		manent Address)	
hereinafter called	•	manute radiossy	
Lessee under this	lease, the State of Texas acting by and through the owner of	nts stated below and of the covenants and agreements to be paid, ke of the soil, hereby grants, leases and lets unto Lessee, for the sole a lding tanks, storing oil and building power stations, telephone lines e lease, the following lands situated in Culberson	nd only purpose of 🦠
Block 42, P	ublic School Land Survey	Block 108, Pubilc School_Land Survey	
Section 7:	A11	Section 15: All	
Section 8:	A11	Section 28: All	
	••••	00001017 201 1111	
Refer to Extending 2.	626acres, more or less. The bonus consideration	•	***
••••	To the State of Texas: Thirteen Thousand On Dollars (\$ 13,130.00	ne Hundred Thirty and no/100's	
••••	To the owner of the soil: Thirteen Thousand 0 Dollars (\$ 13,130.00	 	
	Total bonus consideration: Twenty Six Thousa Dollars (\$ 26,260.00	and Two Hundred Sixty and no/100's	·-
The total bolius co	onsideration paid represents a bonus ofTen_and_no/	/1001s) per acre, on2,626 _net acres.	<u> </u>
••••	TERM. Subject to the other provisions in this lease, th	his lesse shall be for a term of five (5) years	from this date
(herein called "pri As used in this lea	mary term") and as long thereafter as oil and gas, or either	of them, is produced in paying quantities from said land. e receipts from the sale or other authorized commercial use of the s	
3.	DELAY RENTALS. If no well is commenced on the landiversary date Lessee shall pay of tender to the owner of	leased premises on or before one (1) year from this date, this lease :	shall terminate, unless
the S	ACURINI STAR ACLT & 28.775-1	<i>O</i>	Bank,
7000	5.72 or its succ	cessors (which shall continue as the depository regardless of chang	es in the ownership of
raid land), the ame	ount specified below; in addition, Lessee shall pay or tende	er to the COMMISSIONER OF THE GENERAL LAND OFFICE O	OF THE STATE OF
TEXAS, AT AUS the commencemen	TIN, TEXAS, a like sum on or before said date. Payments nt of a well for one (1) year from said date. Payments unde	s under this paragraph shall operate as a rental and shall cover the per this paragraph shall be in the following amounts:	rivilege of deferring
	To the owner of the soil: One Thousand Three	Hundred Thirteen and no/100's	
	Dollars (\$1,313.00 To the State of Texas: One Thousand Three H	lundred Thirteen and no/100's	
	Dollars (\$ 1,313.00)	
	Total Rental: Two Thousand Six Hundred Tw	renty-six and no/100's	
	Dollars (\$ 2.626.00	1	

In a like manner and upon like payments or tenders annually, the commencement of a well may be further deferred for successive periods of one (1) year each during the primary term. All payments or tenders of rental to the owner of the soil may be made by check or sight draft of Lessee, or any assignee of this lease, and may be delivered on or before the rental paying date. If the bank designated in this paragraph (or its successor bank) should cease to exist, suspend business, liquidate, fail or be succeeded by another bank, or for any reason fail or refuse to accept rental, Lessee shall not be held in default for failure to make such payments or tenders of rental until thirty (30) days after the owner of the soil shall deliver to Lessee a proper recordable instrument naming another bank as agent to receive such payments or tenders.

PRODUCTION ROYALTIES. Upon production of oil and/or gas, Lessee agrees to pay or cause to be paid one-half (1/2) of the royalty provided for in this lease to the Commissioner of the General Land Office of the State of Texas, at Austin, Texas, and one-half (1/2) of such royalty to the owner of the soil: OIL. Royalty payable on oil, which is defined as including all hydrocarbons produced in a liquid form at the mouth of the well and also as all condensate, distillate, and other liquid hydrocarbons recovered from oil or gas run through a separator or other equipment, as hereinafter provided, shall be part of the gross production or the market value thereof, at the option of the owner of the soil or the Commissioner of the 5/32 General Land Office, 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 in the general area where produced and when run, or 2) the highest market price thereof offered or paid in the general area where produced and when run, or 3) the gross proceeds of the sale thereof, whichever is the greater. Lessee agrees that before any gas produced from the leased premises is sold, used or processed in a plant, it will be run free of cost to the royalty owners through an adequate oil and gas separator of conventional type, or other equipment at least as efficient, so that all liquid hydrocarbons recoverable from the gas by such means will be recovered. The requirement that such gas be run through a separator or other equipment may be waived in writing by the royalty owners upon such terms and conditions as they prescribe. NON PROCESSED GAS. Royalty on any gas (including flared gas), which is defined as all hydrocarbons and gaseous substances not defined as oil in subparagraph (A) above, produced from any well on said land (except as provided herein with respect to gas processed in a plant for the extraction of part of the gross production or the market value thereof, at the option of the gasotine, liquid hydrocarbons or other products) shall be __ 5/32 owner of the soil or the Commissioner of the General Land Office, such value to be based on the highest market price paid or offered for gas of comparable quality in the general area where produced and when run, or the gross price paid or offered to the producer, whichever is the greater; provided that the maximum pressure base in measuring the gas under this lease shall not at any time exceed 14.65 pounds per square inch absolute, and the standard base temperature shall be sixty (60) degrees Fahrenheit, correction to be made for pressure according to Boyle's Law, and for specific gravity according to tests made by the Balance Method or by the most approved method of testing being used by the industry at the time of testing. PROCESSED GAS. Royalty on any gas processed in a gasoline plant or other plant for the recovery of gasoline or other liquid hydrocarbons part of the residue gas and the liquid hydrocarbons extracted or the market value thereof, at the option of the 5/32 shall be owner of the soil or the Commissioner of the General Land Office. All royalties due herein shall be based on one hundred percent (100%) of the total plant production of residue gas attributable to gas produced from this lease, and on fifty percent (50%), or that percent accruing to Lessee, whichever is the greater, of the total plant production of liquid hydrocarbons attributable to the gas produced from this lease; provided that if liquid hydrocarbons are recovered from gas processed in a plant in which Lessee (or its parent, subsidiary or affiliate) owns an interest, then the percentage applicable to liquid hydrocarbons shall be fifty percent (50%) or the highest percent accruing to a third party processing gas through such plant under a processing agreement negotiated at arm's length (or if there is no such third party, the highest percent then being specified in processing agreements or contracts in the industry), whichever is the greater. The respective royalties on residue gas and on liquid hydrocarbons shall be determined by 1) the highest market price paid or offered for any gas (or liquid hydrocarbons) of comparable quality in the general area, or 2) the gross price paid or offered for such residue gas (or the weighted average gross selling price for the respective grades of liquid hydrocarbons), whichever is the greater. In no event, however, shall the royalties payable under this paragraph be less than the royalties which would have been due had the gas not been processed. •••(D) OTHER PRODUCTS. Royalty on carbon black, sulphur or any other products produced or manufactured from gas (excepting liquid hydrocarbons) whether said gas be "casinghead," "dry," or any other gas, by fractionating, burning or any other processing shall be _____ 5/32 gross production of such products, or the market value thereof, at the option of the owner of the soil or the Commissioner of the General Land Office, such market value to be determined as follows: 1) on the basis of the highest market price of each product for the same month in which such product is produced, or 2) on the basis of the average gross sale price of each product for the same month in which such products are produced; whichever is the greater. MINIMUM ROYALTY. During any year after the expiration of the primary term of this lease, if this lease is maintained by production, the royalties paid under this lease in no event shall be less than an amount equal to the total annual delay rental herein provided; otherwise, there shall be due and payable on or before the last day of the month succeeding the anniversary date of this lease a sum equal to the total annual rental less the amount of royalties paid during the presenting year. If Paragraph 3 of this lease does not specify a delay rental amount, then for the purposes of this paragraph, the delay rental amount shall be one dollar (\$1.00) per acre. 6. ROYALTY IN KIND. Notwithstanding any other provision in this lease, at any time or from time to time, the owner of the soil or the Commissioner of the General Land Office may, at the option of either, upon not less than sixty (60) days notice to the holder of the lease, require that the payment of any royalties accruing to such royalty owner under this lease be made in kind. The owner of the soil's or the Commissioner of the General Land Office's right to take its royalty in kind shall not diminish or negate the owner of the soil's or the Commissioner of the General Land Office's rights or Lessee's obligations, whether express or implied, under this lease. 7. NO DEDUCTIONS. Lessee agrees that all royalties accruing under this lease (including those paid in kind) shall be without deduction for the cost of producing, gathering, storing, separating, treating, dehydrating, compressing, processing, transporting, and otherwise making the oil, gas and other products hereunder ready for sale or use. Lessee agrees to compute and pay royalties on the gross value received, including any reimbursements for severance taxes and production related costs. 8. PLANT FUEL AND RECYCLED GAS. No royalty shall be payable on any gas as may represent this lease's proportionate share of any fuel used to process gas produced hereunder in any processing plant. Notwithstanding any other provision of this lease, and subject to the written consent of the owner of the soil and the Commissioner of the General Land Office, Lessee may recycle gas for gas lift purposes on the leased premises or for injection into any oil or gas producing formation underlying the leased premises after the liquid hydrocarbons contained in the gas have been removed; no royalties shall be payable on the recycled gas until it is produced and sold or used by Lessee in a manner which entitles the royalty owners to a royalty under this lease.

Payment of royalty on production of oil and gas shall be as provided in the rules set forth in the Texas Register. Rules currently provide that 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

Texas, in the following manner:

9. ROYALTY PAYMENTS AND REPORTS. All royalties not taken in kind shall be paid to the Commissioner of the General Land Office at Austin,

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, then 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.

- 10. (A) RESERVES, CONTRACTS AND OTHER RECORDS. Lessee shall annually furnish the Commissioner of the General Land Office with its best possible estimate of oil and gas reserves underlying this lease or allocable to this lease and shall furnish said Commissioner with copies of all contracts under which gas is sold or processed and all subsequent agreements and amendments to such contracts within thirty (30) days after entering into or making such contracts, agreements or amendments. Such contracts and agreements when received by the General Land Office shall be beld in confidence by the General Land Office unless otherwise authorized by Lessee. All other contracts and records pertaining to the production, transportation, sale and marketing of the oil and gas produced on said premises, including the books and accounts, receipts and discharges of all wells, tanks, pools, meters, and pipelines shall at all times be subject to inspection and examination by the Commissioner of the General Land Office, the Attorney General, the Governor, or the representative of any of them.
- (B) PERMITS, DRILLING RECORDS. Written notice of all operations on this lease shall be submitted to the Commissioner of the General Land Office by Lessee or operator five (5) days before spud date, workover, re-entry, temporary abandonment or plug and abandonment of any well or wells. Such written notice to the General Land Office shall include copies of Railroad Commission forms for application to drill. Copies of well tests, completion reports and plugging reports shall be supplied to the General Land Office at the time they are filed with the Texas Railroad Commission. All applications, permits, reports or other filings that reference this lease or any specific well on the leased premises and that are submitted to the Texas Railroad Commission or any other governmental agency shall include the word "State" in the title. Additionally, in accordance with Railroad Commission rules, any signage on the leased premises for the purpose of identifying wells, tank batteries or other associated improvements to the land must also include the word "State." Lessee shall supply the General Land Office with any records, memoranda, accounts, reports, cuttings and cores, or other information relative to the operation of the above-described premises, which may be requested by the General Land Office, in addition to those herein expressly provided for. Lessee shall have an electrical and/or radioactivity survey made on the bore-hole section, from the base of the surface easing to the total depth of well, of all wells drilled on the above described premises and shall transmit a true copy of the log of each survey on each well to the General Land Office within fifteen (15) days after the making of said survey.
- (C) PENALTIES. Lessee shall incur a penalty whenever reports, documents or other materials are not filed in the General Land Office when due. The penalty for late filing shall be set by the General Land Office administrative rule which is effective on the date when the materials were due in the General Land Office.
- 12. DRILLING AND REWORKING AT EXPIRATION OF PRIMARY TERM. If, at the expiration of the primary term, neither oil nor gas is being produced on said land, but Lessee is then engaged in drilling or reworking operations thereon, this lease shall remain in force so long as operations on said well or for drilling or reworking of any additional well are prosecuted in good faith and in workmanlike manner without interruptions totaling more than sixty (60) days during any one such operation, and if they result in the production of oil and/or gas, so long thereafter as oil and/or gas is produced in paying quantities from said land, or payment of shut-in oil or gas well royalties or compensatory royalties is made as provided in this lease.
- 13. CESSATION, DRILLING, AND REWORKING. If, after the expiration of the primary term, production of oil or gas from the leased premises, after once obtained, should cease from any cause, this lease shall not terminate if Lessee commences additional drilling or reworking operations within sixty (60) days after such cessation, and this lease shall remain in full force and effect for so long as such operations continue in good faith and in workmanlike manner without interruptions totaling more than sixty (60) days. If such drilling or reworking operations result in the production of oil or gas, the lease shall remain in full force and effect for so long as oil or gas is produced from the leased premises in paying quantities or payment of shut-in oil or gas well royalties or payment of compensatory royalties is made as provided herein or as provided by law. If the drilling or reworking operations result in the completion of a well as a dry hole, the lease will not terminate if the Lessee commences additional drilling or reworking operations within sixty (60) days after the completion of the well as a dry hole, and this lease shall remain in effect so long as Lessee continues drilling or reworking operations in good faith and in a workmanlike manner without interruptions totaling more than sixty (60) days. Lessee shall give written notice to the General Land Office within thirty (30) days of any cessation of production.
- 14. SHUT-IN ROYALTIES. For purposes of this paragraph, "well" means any well that has been assigned a well number by the state agency having jurisdiction over the production of oil and gas. If, at any time after the expiration of the primary term of a lease that, until being shut in, was being maintained in force and effect, a well capable of producing oil or gas in paying quantities is located on the leased premises, but oil or gas is not being produced for lack of suitable production facilities or lack of a suitable market, then Lessee may pay as a shut-in oil or gas royalty an amount equal to double the annual rental provided in the lease, but not less than \$1,200 a year for each well capable of producing oil or gas in paying quantities. If Paragraph 3 of this lease does not specify a delay rental amount, then for the purposes of this paragraph, the delay rental amount shall be one dollar (\$1.00) per acre. To be effective, each initial shut-in oil or gas royalty

must be paid on or before; (1) the expiration of the primary term, (2) 60 days after the Lessee ceases to produce oil or gas from the leased premises, or (3) 60 days after Lessee completes a drilling or reworking operation in accordance with the lease provisions; whichever date is latest. Such payment shall be made one-half (1/2) to the Commissioner of the General Land Office and one-half (1/2) to the owner of the soil. If the shut-in oil or gas royalty is paid, the lease shall be considered to be a producing lease and the payment shall extend the term of the lease for a period of one year from the end of the primary term, or from the first day of the month following the month in which production ceased, and, after that, if no suitable production facilities or suitable market for the oil or gas exists, Lessee may extend the lease for four more successive periods of one (1) year by paying the same amount each year on or before the expiration of each shut-in year.

- 15. COMPENSATORY ROYALTIES. If, during the period the lease is kept in effect by payment of the shut-in oil or gas royalty, oil or gas is sold and delivered in paying quantities from a well located within one thousand (1,000) feet of the leased premises and completed in the same producing reservoir, or in any case in which drainage is occurring, the right to continue to maintain the lease by paying the shut-in oil or gas royalty shall cease, but the lease shall remain effective for the remainder of the year for which the royalty has been paid. The Lessee may maintain the lease for four more successive years by Lessee paying compensatory royalty at the royalty rate provided in the lease of the market value of production from the well causing the drainage or which is completed in the same producing reservoir and within one thousand (1,000) feet of the leased premises. The compensatory royalty is to be paid monthly, one-half (1/2) to the Commissioner of the General Land Office and one-half (1/2) to the owner of the soil, beginning on or before the last day of the month following the month in which the oil or gas is produced from the well causing the drainage or that is completed in the same producing reservoir and located within one thousand (1,000) feet of the leased premises. If the compensatory royalty paid in any 12-month period is in an amount less than the annual shut-in oil or gas royalty, Lessee shall pay an amount equal to the difference within thirty (30) days from the end of the 12-month period. Compensatory royalty payments which are not timely paid will accrue penalty and interest in accordance with Paragraph 9 of this lease. None of these provisions will relieve Lessee of the obligation of reasonable development nor the obligation to drill offset wells as provided in Texas Natural Resources Code 52.173; however, at the determination of the Commissioner, and with the Commissioner's written approval, the payment of compensatory royalties can satisfy the obligation to drill offset wells.
- 16. RETAINED ACREAGE. Notwithstanding any provision of this lease to the contrary, after a well producing or capable of producing oil or gas has been completed on the leased premises, Lessee shall exercise the diligence of a reasonably prudent operator in drilling such additional well or wells as may be reasonably necessary for the proper development of the leased premises and in marketing the production thereon.
- (A) VERTICAL. In the event this lease is in force and effect two (2) years after the expiration date of the primary or extended term it shall then terminate as to all of the leased premises, EXCEPT (1) 40 acres surrounding each oil well capable of producing in paying quantities and 320 acres surrounding each gas well capable of producing in paying quantities (including a shut-in oil or gas well as provided in Paragraph 14 hereof), or a well upon which Lessee is then engaged in continuous drilling or reworking operations, or (2) the number of acres included in a producing pooled unit pursuant to Texas Natural Resources Code 52.151-52.153, or (3) such greater or lesser number of acres as may then be allocated for production purposes to a proration unit for each such producing well under the rules and regulations of the Railroad Commission of Texas, or any successor agency, or other governmental authority having jurisdiction. If at any time after the effective date of the partial termination provisions hereof, the applicable field rules are changed or the well or wells located thereon are reclassified so that less acreage is thereafter allocated to said well or wells for production purposes, this lease shall thereupon terminate as to all acreage not thereafter allocated to said well or wells for production purposes. Notwithstanding the termination of this lease as to a portion of the lands covered hereby, Lessee shall nevertheless continue to have the right of ingress to and egress from the lands still subject to this lease for all purposes described in Paragraph 1 hereof, together with easements and rights-of-way for existing roads, existing pipelines and other existing facilities on, over and across all the lands described in Paragraph 1 hereof ("the retained lands"), for access to and from the retained lands and for the gathering or transportation of oil, gas and other minerals produced from the retained lands.

retained lands and for the gathering or transportation of oil, gas and other minerals produced from the retained lands.

[B] HORIZONTAL. In the event this lease is in force and effect two (2) years after the expiration date of the primary or extended term it shall further terminate as to all depths below 100 feet below the total depth drilled (hereinafter "deeper depths") in each well located on acreage retained in Paragraph 16 (A) above, "unless on or before two (2) years after the primary or extended term tessee pays an amount equal to one-half (1/2) of the bonus originally paid as consideration for this lease (as specified on page 1 hereoft. If such amount is paid, this lease shall be in force and effect as to such deeper depths, and said terminating that he delayed for an additional period of two (2) years and so long thereafter as oil or gas is produced in paying quantities from such deeper depths.

- **C) IDENTIFICATION AND FILING. The surface acreage retained hereunder as to each well shall, as nearly as practical, be in the form of a square with the well focated in the center thereof, or such other shape as may be approved by the Commissioner of the General Land Office. Within thirty (30) days after partial termination of this lease as provided herein, Lessee shall execute and record a release or releases containing a satisfactory legal description of the acreage and/or depths not retained hereunder. The recorded release, or a certified copy of same, shall be filled in the General Land Office, accompanied by the filing fee prescribed by the General Land Office rules in effect on the date the release is filed. If Lessee fails or refuses to execute and record such release or releases within ninety (90) days after being requested to do so by the General Land Office, then the Commissioner at his sole discretion may designate by written instrument the acreage and/os-depths-to be released hereunder and record such instrument at Lessee's expense in the county or counties where the lease is located and in the official records of the General Land Office and such designation shall be binding upon Lessee for all purposes.
- 17. OFFSET WELLS. Neither the bonus, delay rentals, nor royalties paid, or to be paid, under this lease shall relieve Lessee of his obligation to protect the oil and gas under the above-described land from being drained. Lessee, sublessee, receiver or other agent in control of the leased premises shall drill as many wells as the facts may justify and shall use appropriate means and drill to a depth necessary to prevent undue drainage of oil and gas from the leased premises. In addition, if oil and/or gas should be produced in commercial quantities within 1,000 feet of the leased premises, or in any case where the leased premises is being drained by production of oil or gas, the Lessee, sublessee, receiver or other agent in control of the leased premises shall in good faith begin the drilling of a well or wells upon the leased premises within 100 days after the draining well or wells or the well or wells completed within 1,000 feet of the leased premises start producing in commercial quantities and shall prosecute such drilling with diligence. Failure to satisfy the statutory offset obligation may subject this lease and the owner of the soil's agency rights to forfeiture. Only upon the determination of the Commissioner of the General Land Office and with his written approval may the payment of compensatory royalty under applicable statutory parameters satisfy the obligation to drill an offset well or wells required under this paragraph.
- 18. FORCE MAJEURE. If, after a good faith effort, Lessee is prevented from complying with any express or implied covenant of this lease, from conducting drilling operations on the leased premises, or from producing oil or gas from the leased premises by reason of war, rebellion, riots, strikes, acts of God, or any valid order, rule or regulation of government authority, then while so prevented, Lessee's obligation to comply with such covenant shall be suspended and Lessee shall not be liable for damages for failure to comply with such covenants; additionally, this lease shall be extended while Lessee is prevented, by any such cause, from conducting drilling and reworking operations or from producing oil or gas from the leased premises. However, nothing in this paragraph shall suspend the payment of delay rentals in order to maintain this lease in effect during the primary term in the absence of such drilling or reworking operations or production of oil or gas.

- 19. WARRANTY CLAUSE. The owner of the soil warrants and agrees to defend title to the leased premises. If the owner of the soil defaults in payments owed on the leased premises, then Lessee may redeem the rights of the owner of the soil in the leased premises by paying any mortgage, taxes or other liens on the leased premises. If Lessee makes payments on behalf of the owner of the soil under this paragraph, Lessee may recover the cost of these payments from the rental and royalties due the owner of the soil.
 - described land, whether or not Lessee's interest is specified herein, then the royalties and rental herein provided to be paid to the owner of the soil shall be paid to him in the proportion which his interest bears to the entire undivided surface estate and the royalties and rental herein provided to be paid to the Commissioner of the General Land Office of the State of Texas shall be likewise proportionately reduced. However, before Lessee adjusts the royalty or rental due to the Commissioner of the General Land Office, Lessee or his authorized representative must submit to the Commissioner of the General Land Office a written statement which explains the discrepancy between the interest purportedly leased under this lease and the actual interest owned by the owner of the soil. The Commissioner of the General Land Office shall be paid the value of the whole production allocable to any undivided interest not covered by a lease, less the proportionate development and production cost allocable to such undivided interest. However, in no event shall the Commissioner of the General Land Office receive as a royalty on the gross production allocable to the undivided interest not leased an amount less than the value of one-sixteenth (1/16) of such gross production.
 - (B) REDUCTION OF PAYMENTS. If, during the primary term, a portion of the land covered by this lease is included within the boundaries of a pooled unit that has been approved by the School Land Board and the owner of the soil in accordance with Natural Resources Code Sections 52.151-52.154, or if, at any time after the expiration of the primary term or the extended term, this lease covers a lesser number of acres than the total amount described herein, payments that are made on a per acre basis hereunder shall be reduced according to the number of acres pooled, released, surrendered, or otherwise severed, so that payments determined on a per acre basis under the terms of this lease during the primary term shall be calculated based upon the number of acres outside the boundaries of a pooled unit, or, if after the expiration of the primary term, the number of acres actually retained and covered by this lease.
 - 21. USE OF WATER. Lessee shall have the right to use water produced on said land necessary for operations under this lease except water from wells or tanks of the owner of the soil; provided, however, Lessee shall not use potable water or water suitable for livestock or irrigation purposes for waterflood operations without the prior consent of the owner of the soil.
 - 22. AUTHORIZED DAMAGES. Lessee shall pay the owner of the soil for damages caused by its operations to all personal property, improvements, livestock and crops on said land.
 - 23. PIPELINE DEPTH. When requested by the owner of the soil, Lessee shall bury its pipelines below plow depth.
 - 24. WELL LOCATION LIMIT. No well shall be drilled nearer than two hundred (200) feet to any house or barn now on said premises without the written consent of the owner of the soil.
- 25. POLLUTION. In developing this area, Lessee shall use the highest degree of care and all proper safeguards to prevent pollution. Without limiting the foregoing pollution of coastal wetlands, natural waterways, rivers and impounded water shall be prevented by the use of containment facilities sufficient to prevent spillage, scepage or ground water contamination. In the event of pollution, Lessee shall use all means at its disposal to recapture all escaped hydrocarbons or other pollutant and shall be responsible for all damage to public and private properties. Lessee shall build and maintain fences around its slush, sump, and drainage pits and tank batteries so as to protect livestock against loss, damage or injury; and upon completion or abandonment of any well or wells, Lessee shall fill and level all slush pits and collars and completely clean up the drilling site of all rubbish thereon. Lessee shall, while conducting operations on the leased premises, keep said premises face of all rubbish, cans, bottles, paper cups or garbage, and upon completion of operations shall restore the surface of the land to as near its original condition and contours as is practicable. Tanks and equipment will be kept painted and presentable.
- 26. REMOVAL OF EQUIPMENT. Subject to limitations in this paragraph, Lessee shall have the right to remove machinery and fixtures placed by Lessee on the leased premises, including the right to draw and remove casing, within one hundred twenty (120) days after the expiration or the termination of this lease suples the owner of the soil grants Lessee an extension of this 120-day period. However, Lessee may not remove casing from any well capable of producing oil and gas in paying quantities. Additionally, Lessee may not draw and remove casing until after thirty (30) days written notice to the Commissioner of the General Land Office and to the owner of the soil. The owner of the soil shall become the owner of any machinery, fixtures, or casing which are not timely removed by Lessee under the terms of this paragraph.
- 27. (A) ASSIGNMENTS. Under the conditions contained in this paragraph and Paragraph 29 of this lease, the rights and estates of either party to this lease may be assigned, in whole or in part, and the provisions of this lease shall extend to and be binding upon their heirs, devisees, legal representatives, successors and assigns. However, a change or division in ownership of the land, rentals, or royalties will not enlarge the obligations of Lessee, diminish the rights, privileges and estates of Lessee, impair the effectiveness of any payment made by Lessee or impair the effectiveness of any act performed by Lessee. And no change or division in ownership of the land, rentals, or royalties shall bind Lessee for any purpose until thirty (30) days after the owner of the soil (or his heirs, devisees, legal representatives or assigns) furnishes the Lessee with satisfactory written evidence of the change in ownership, including the original recorded muniments of title (or a certified copy of such original) when the ownership changed because of a conveyance. A total or partial assignment of this lease shall, to the extent of the interest assigned, relieve and discharge Lessee of all subsequent obligations under this lease. If this lease is assigned in its entirety as to only part of the acreage, the right and option to pay rentals shall be apportioned as between the several owners ratably, according to the area of each, and failure by one or more of them to pay his share of the rental shall not affect this lease on the part of the land upon which pro rata rentals are timely paid or tendered; however, if the assignor or assignee does not file a certified copy of such assignment in the General Land Office before the next rental paying date, the entire lease shall terminate for failure to pay the entire rental due under Paragraph 3. Every assignee 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 assignee of the lease, including
- (B) ASSIGNMENT LIMITATION. Notwithstanding any provision in Paragraph 27(a), if the owner of the soil acquires this lease in whole or in part by assignment without the prior written approval of the Commissioner of the General Land Office, this lease is void as of the time of assignment and the agency power of the owner may be forfeited by the Commissioner. An assignment will be treated as if it were made to the owner of the soil if the assignce is:
 - (1) a nominee of the owner of the soil;
 - (2) a corporation or subsidiary in which the owner of the soil is a principal stockholder or is an employee of such a corporation or subsidiary;
 - (3) a partnership in which the owner of the soil is a partner or is an employee of such a partnership;
 - (4) a principal stockholder or employee of the corporation which is the owner of the soil;
 - (5) a partner or employee in a partnership which is the owner of the soil;

- (6) a fiduciary for the owner of the soil; including but not limited to a guardian, trustee, executor, administrator, receiver, or conservator for the owner of the soil; or
- (7) a family member of the owner of the soil or related to the owner of the soil by marriage, blood, or adoption.
- 28. RELEASES. Under the conditions contained in this paragraph and Paragraph 29, Lessee may at any time execute and deliver to the owner of the soil and place of record a release or releases covering any portion or portions of the leased premises, and thereby surrender this lease as to such portion or portions, and be relieved of all subsequent obligations as to acreage surrendered. If any part of this lease is properly surrendered, the delay rental due under this lease shall be reduced by the proportion that the surrendered acreage bears to the acreage which was covered by this lease immediately prior to such surrender; however, such release will not relieve Lessee of any liabilities which may have accrued under this lease prior to the surrender of such acreage.
- 29. FILING OF ASSIGNMENTS AND RELEASES. If all or any part of this lease is assigned or released, such assignment or release must be recorded in the county where the land is situated, and the recorded instrument, or a copy of the recorded instrument certified by the County Clerk of the county in which the instrument is recorded, must be filed in the General Land Office within 90 days of the last execution date accompanied by the prescribed filing fee. If any such assignment is not so filed, the rights acquired under this lease shall be subject to forfeiture at the option of the Commissioner of the General Land Office.
- 30. DISCLOSURE CLAUSE. All provisions pertaining to the lease of the above-described land have been included in this instrument, including the statement of the true consideration to be paid for the execution of this lease and the rights and duties of the parties. Any collateral agreements concerning the development of oil and gas from the leased premises which are not contained in this lease render this lease invalid.
- 31. FIDUCIARY DUTY. The owner of the soil owes the State a fiduciary duty and must fully disclose any facts affecting the State's interest in the leased premises. When the interests of the owner of the soil conflict with those of the State, the owner of the soil is obligated to put the State's interests before his personal interests.
- 32. FORFEITURE. If Lessee shall fail or refuse to make the payment of any sum within thirty 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, the School Land Board, or the Railroad Commission, or if Lessee should 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 Lessee shall knowingly violate any of the material provisions of this lease, or if this lease is assigned and the 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 under the terms of the Relinquishment Act. However, nothing herein shall be construed as waiving the automatic termination of this lease by operation of law or by reason of any special limitation arising hereunder. Forfeitures may be set aside and this lease and all rights thereunder 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.
- \$33. LIEN. In accordance with Texas Natural Resources Code 52.136, the State shall have a first lien upon all oil and gas produced from the area covered by this lease to secure payment of all unpaid royalty and other sums of money that may become due under this lease. By acceptance of this lease, Lessee grants the State, irradition to the lien provided by Texas Natural Resources Code 52.136 and any other applicable statutory lien, an express contractual lien on and security interest in all leased minerals in and extracted from the leased premises, all proceeds which may accrue to Lessee from the sale of such leased minerals, whether such proceeds are held by Lessee or by a third party, and all fixtures on and improvements to the leased premises used in connection with the production or processing of such leased minerals in order to secure the payment of all royalties or other amounts due or to become due under this lease and to secure payment of any damages or loss that Lessor may suffer by reason of Lessee's breach of any covenant or condition of this lease, whether express or implied. This lien and security interest may be foreclosed with or without court proceedings in the manner provided in the Title 1, Chapter 9 of the Texas Business and Commerce Code. Lessee agrees that the Commissioner may require Lessee to execute and record such instruments as may be reasonably necessary to acknowledge, attach or perfect this lien. Lessee hereby represents that there are no prior or superior liens arising from and relating to Lessee's activities upon the above-described property or from Lessee's acquisition of this lease. Should the Commissioner at any time determine that this representation is not true, then the Commissioner may declare this lease forfeited as provided herein.
- 34. POOLING. Lessee is hereby granted the right to pool or unitize the royalty interest of the owner of the soil under this lease with any other leasehold or mineral interest for the exploration, development and production of oil or gas or either of them upon the same terms as shall be approved by the School Land Board and the Commissioner of the General Land Office for the pooling or unitizing of the interest of the State under this lease pursuant to Texas Natural Resources Code 52.151-52.153. The owner of the soil agrees that the inclusion of this provision in this lease satisfies the execution requirements stated in Texas Natural Resources Code 52.152.
- 35. INDEMNITY. Lessee hereby releases and discharges the State of Texas aEd the owner of the soil, their officers, employees, partners, agents, contractors, subcontractors, guests, invitees, and their respective successors and assigns, of and from all and any actions and causes of action of every nature, or other harm, including environmental harm, for which recovery of damages is sought, including, but not limited to, all losses and expenses which are caused by the activities of Lessee, its officers, employees, and agents arising out of, incidental to, or resulting from, the operations of or for Lessee on the leased premises hereunder, or that may arise out of or be occasioned by Lessee's breach of any of the terms or provisions of this Agreement, or by any other negligent or strictly liable act or omission of Lessee. Further, Lessee hereby agrees to be liable for, exonerate, indemnify, defend and hold harmless the State of Texas and the owner of the soil, their officers, employees and agents, their successors or assigns, against any and all claims, liabilities, losses, damages, actions, personal injury (including death), costs and expenses, or other harm for which recovery of damages is sought, under any theory including tort, contract, or strict liability, including attorneys' fees and other legal expenses, including those related to environmental hazards, on the leased premises or in any way related to Lessee's failure to comply with any and all environmental laws; those arising from or in any way related to Lessee's operations or any other of Lessee's activities on the leased premises; those arising from Lessee's use of the surface of the leased premises; and those that may arise out of or be occasioned by Lessee's breach of any of the terms or provisions of this Agreement or any other act or omission of Lessee, its directors, officers, employees, partners, agents, contractors, subcontractors, guests, invitees, and their respective successors and assigns. Each assignee of this Agreement, or an interest therein, agrees to be liable for, exonerate, indemnify, defend and hold harmless the State of Texas and the owner of the soil, their officers, employees, and agents in the same manner provided above in connection with the activities of Lessee, its officers, employees, and agents as described above. EXCEPT AS OTHERWISE EXPRESSLY LIMITED HEREIN, ALL OF THE INDEMNITY OBLIGATIONS AND/OR LIABILITIES ASSUMED UNDER THE TERMS OF THIS AGREEMENT SHALL BE WITHOUT LIMITS AND WITHOUT REGARD TO THE CAUSE OR CAUSES THEREOF (EXCLUDING PRE-EXISTING CONDITIONS), STRICT LIABILITY, OR THE NEGLIGENCE OF ANY PARTY OR PARTIES (INCLUDING THE NEGLIGENCE OF THE INDEMNIFIED PARTY), WHETHER SUCH NEGLIGENCE BE SOLE, JOINT, CONCURRENT, ACTIVE, OR PASSIVE.

- 36. ENVIRONMENTAL HAZARDS. Lessee shall use the highest degree of care and all reasonable safeguards to prevent contamination of pollution of any environmental medium, including soil, surface waters, groundwater, sediments, and surface or subsurface strata, ambient air or any other environmental medium in, on, or under, the leased premises, by any waste, pollutant, or contaminant. Lessee shall not bring or permit to remain on the leased premises any asbestos containing materials, explosives, toxic materials, or substances regulated as hazardous wastes, hazardous materials, hazardous substances (as the term "Hazardous Substance" is defined in the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), 42 U.S.C. Sections 9601, et seq.), or toxic substances under any federal, state, or local law or regulation ("Hazardous Materials"), except ordinary products commonly used in connection with oil and gas exploration and development operations and stored in the usual manner and quantities. LESSEE'S VIOLATION OF THE FOREGOING PROHIBITION SHALL CONSTITUTE A MATERIAL BREACH AND DEFAULT HEREUNDER AND LESSEE SHALL INDEMNIFY, HOLD HARMLESS AND DEFEND THE STATE OF TEXAS AND THE OWNER OF THE SOIL FROM AND AGAINST ANY CLAIMS, DAMAGES, JUDGMENTS, PENALTIES, LIABILITIES, AND COSTS (INCLUDING REASONABLE ATTORNEYS' FEES AND COURT COSTS) CAUSED BY OR ARISING OUT OF (I) A VIOLATION OF THE FOREGOING PROHIBITION OR (II) THE PRESENCE, RELEASE, OR DISPOSAL OF ANY HAZARDOUS MATERIALS ON, UNDER. OR ABOUT THE LEASED PREMISES DURING LESSEE'S OCCUPANCY OR CONTROL OF THE LEASED PREMISES. LESSEE SHALL CLEAN UP, REMOVE, REMEDY AND REPAIR ANY SOIL OR GROUND WATER CONTAMINATION AND DAMAGE CAUSED BY THE PRESENCE OR RELEASE OF ANY HAZARDOUS MATERIALS IN, ON, UNDER, OR ABOUT THE LEASED PREMISES DURING LESSEE'S OCCUPANCY OF THE LEASED PREMISES IN CONFORMANCE WITH THE REQUIREMENTS OF APPLICABLE LAW. THIS INDEMNIFICATION AND ASSUMPTION SHALL APPLY, BUT IS NOT LIMITED TO, LIABILITY FOR RESPONSE ACTIONS UNDERTAKEN PURSUANT TO CERCLA OR ANY OTHER ENVIRONMENTAL LAW OR REGULATION. LESSEE SHALL IMMEDIATELY GIVE THE STATE OF TEXAS AND THE OWNER OF THE SOIL WRITTEN NOTICE OF ANY BREACH OR SUSPECTED BREACH OF THIS PARAGRAPH, UPON LEARNING OF THE PRESENCE OF ANY HAZARDOUS MATERIALS, OR UPON RECEIVING A NOTICE FROM ANY GOVERNMENTAL AGENCY PERTAINING TO HAZARDOUS MATERIALS WHICH MAY AFFECT THE LEASED PREMISES. THE OBLIGATIONS OF LESSEE HEREUNDER SHALL SURVIVE THE EXPIRATION OR EARLIER TERMINATION, FOR ANY REASON, OF THIS AGREEMENT.
- 37. APPLICABLE LAW. This lease is issued under the provisions of Texas Natural Resources Code 52.171 through 52.190, commonly known as the Relinquishment Act, and other applicable statutes and amendments thereto, and if any provision in this lease does not conform to these statutes, the statutes will prevail over any nonconforming lease provisions.
- 38. EXECUTION. This oil and gas lease must be signed and acknowledged by the Lessee before it is filed of record in the county records and in the General Land Office of the State of Texas. Once the filing requirements found in Paragraph 39 of this lease have been satisfied, the effective date of this lease shall be the date found on Page 1.
- 39. LEASE FILING. Pursuant to Chapter 9 of the Texas Business and Commerce Code, this lease must be filed of record in the office of the County Clerk in any county in which all or any part of the leased premises is located, and certified copies thereof must be filed in the General Land Office. This lease is not effective until a certified copy of this lease (which is made and certified by the County Clerk from his records) is filed in the General Land Office in accordance with Texas Natural Resources Code 52.183. Additionally, this lease shall not be binding upon the State unless it recites the actual and true consideration paid or promised for exception of this lease. The bonus due the State and the prescribed filing fee shall accompany such certified copy to the General Land Office.

.**!*.

LESSEE BY: Clay Johnson TITLE: DATE:	<u>//</u>
BY Nene Cupples, Irene Cupples, a married woman dealing in her sole and separate property	BY Mene Complex, Independent of the State of Texas, I rene Cupples, Independent Executrix of the Estate of Joe T. Rounsaville, deceased Date:
STATE OF TEXAS	STATE OF TEXAS
BY: Individually and as agent for the State of Texas	BY: Individually and as agent for the State of Texas
Date:	Date:

My Comm. Exp. 02/15/000

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EXHIBIT "A"

ATTACHED TO AND MADE A PART OF THAT CERTAIN OIL AND GAS LEASE DATED JANUARY 1, 1998, BY AND BETWEEN THE STATE OF TEXAS, ACTING BY AND THROUGH ITS AGENT, IRENE CUPPLES, AS LESSOR, AND CLAY JOHNSON, AS LESSEE

1. If, at the expiration of the primary term hereof, this lease is being held by production or a shut-in well pursuant to the terms hereof, or Lessee is then engaged in operations on said land or on lands pooled therewith, or Lessee has completed a well as a dry hole or shall have commenced a well within 180 days prior to the expiration of the primary term hereof, Lessee agrees to commence a continuous drilling program on said lands, or on lands pooled therewith, within 180 days after the end of the primary term hereof or within 180 days after the completion of drilling operations being conducted on said land, or lands pooled therewith, at the end of the primary term hereof, whichever is the later date: and thereafter carry on the continuous drilling program until all proration units have been drilled, allowing not more than 180 days to elapse between the completion of one well and the commencement of the next succeeding well. Should Lessee fail to commence the continuous drilling program or subsequently default in the performance thereof, then in either event, this lease shall terminate as to all lands covered hereby, save and except for the proration units surrounding each well then producing, capable of producing or upon which operations are being conducted. The term "proration unit" as used in this paragraph means any acreage designated as a drilling unit or production unit in accordance with the rules of the Railroad Commission of the State of Texas. Further, the term "commencement" shall mean that point in time when the pertinent well is spudded and the term "completion" shall mean the date upon which the initial potential test report is filed with the Railroad Commission of the State of Texas, if a productive well, or the date of filing the plugging report with the commission, if a dry hole. Notwithstanding the termination of this lease as to a portion of the lands covered hereby, Lessee shall nevertheless continue to have the right of ingress to and egress from said land still subject to this lease for purposes described in paragraph 1 hereof, together with easements and rights of way for roads, pipelines and other facilities on, over and across all of the lands still subject to this lease and for the gathering or transportation of oil and gas produced from the retained lands. The sole liability or penalty for the failure of Lessee to drill any well or wells required or permitted in this lease shall be the termination or partial termination of Lessee's rights under the lease as provided above.

In conducting such continuous drilling program, Lessee shall be entitled to accumulate and later use time, if any, saved between wells, beginning with the second well under this continuous drilling program. If one well is commenced sooner than 180 days after the completion of the last preceding well, the portion of the prescribed 180 day period not used may be carried forward and added to the period between subsequent wells.

- 2. Lessee shall pay to the owners of the surface estate, and such owner's successors and assigns, a reasonable amount for all damages of every kind caused by operations conducted under or by authority of this lease.
- 3. Lessee further agrees for himself, his successors and assigns, that it will maintain all drill sites and other portions of the surface of the above property used or occupied by Lessee, its successors and assigns, free and clear of weeds and noxious vegetation and trash, and will maintain the same in a reasonable manner so as to prevent additional damage to surface owner's lands. Lessee agrees that it will keep location sites free and clear of all trash.
- 4. It is further understood and agreed that any and all roads established by the Lessee hereunder shall be located as near as practical as agreed upon by and between Lessee and the surface owner.

EXHIBIT "A" continued

ATTACHED TO AND MADE A PART OF THAT CERTAIN OIL AND GAS LEASE DATED JANUARY 1, 1998, BY AND BETWEEN THE STATE OF TEXAS, ACTING BY AND THROUGH ITS AGENT, IRENE CUPPLES, AS LESSOR, AND CLAY JOHNSON, AS LESSEE

- 5. It is further agreed that Lessee, its successors and assigns, shall not erect any permanent buildings or houses on the premises in question, and that only those structures which are reasonably necessary by way of production facilities or tank batteries shall be erected on the surface of the premises in question.
- 6. Notwithstanding any of the other provisions hereof, this lease covers only oil, gas and associated hydrocarbons produced with oil and gas in liquid or gaseous form, as well as carbon dioxide, and all references to other minerals contained in this lease shall be deemed to refer only to such hydrocarbons and carbon dioxide, and not to any other minerals.
- 7. In the event Lessee shall obtain full approval to plug and abandon any well drilled pursuant to the terms of this lease, in accordance with the terms of any operating agreement or other agreement pertaining to Lessee's operations on the leased premises, Lessor shall have the right and the option to take over such well for the sole purpose of recompleting such well as a water supply well. Should Lessor elect to take over any well pursuant to the terms of this paragraph, Lessor agrees to indemnify, defend and hold harmless Lessee from any and all liability, claims or causes of action, including attorney's fees, arising therefrom, and Lessor further agrees to execute a written agreement evidencing same upon request by Lessee.

SIGNED FOR IDENTIFICATION:

Individually and as agent for the State of Texas, Irene Cupples, a married woman dealing in her

sole and separate property.

Individually and as agent for the State of Texas, Irene Cupples, Independent Executrix of the Estate of Joe T. Rounsaville, deceased

THE STATE OF TEXAS I	
• • • • •	lerk of the County Court in and
for said County and State, do bereby certify that the	foregoing is a true and
correct copy of Oil & GC - 1025C	dated /-/4
10 48	
Od 1 2 filed for record in my affic	e this 142 day of -1041
19 7' 8 at / 'CO / M under Clark's 1	File Na 50374 to
recorded in the Dil + Gas	Records of Culberson Coun-
Texas.	
. TO CERTIFY WHICH, Witness my hand	and official seal at Van Horn, this
14 h day of - 1 all.	. 19.98
	LINDA URIAS, COUNTY CLERK
By A proup (1545 10/6 Deputy)	CULBERSON COUNTY, TEXAS.

AT _/. ZO O'CLOCK M ON THE /4 V DAY OF AU. A.D., 19	STATE OF TEXAS COUNTY OF CULBERSON I hereby certify that this instrument was FILED on the date and at the time stamped hereon by me and was duly RECORDED in the Volume and Page of the
COUNTY CLERK, CULBERSON COUNTY, TEXAS	COUNTY CLERK CULBERSON COUNTY, TEXAS
BY Dosaio Carristo DEPUTY	VOLPAGE

HEN _ 10 _ FROM -DATE __

0:343000 \$251/SE39

Signal Atlanta State (1997)



November 21, 1997

Texas General Land Office Stephen F. Austin Building 1700 North Congress Ave. Austin, Texas 78701-1495

Attn: Mr. Drew Reid

Re: Approval of Oil and Gas Lease - Relinquishment Act Lands

10, 320 acres, more or less, Culberson County, Texas

Gentlemen:

Clay Johnson, a lease broker performing work for Titan Resources, L.P., has entered into agreement with Irene Cupples, owner of the soil of certain Relinquishment Act lands in Culberson County, Texas. By this letter we describe the lease terms which have been negotiated and agreed to by the subject parties, and we submit these terms for your approval.

The parties have agreed to pay and/or accept bonus consideration in the amount of \$10.00 per acre and delay rentals in the amount of \$1.00 per acre per year, the total of such sums to be paid 1/2 to the State of Iexas and 1/2 to the owner of the soil. The primary term of the lease shall be 5 years. The royalty to be paid shall be a 1/8 part of the substances subject to the lease. The form of the lease is the September 1997 Relinquishment Act Lease Form, as amended by certain changes to the form including a rider containing additional lease provisions.

This transaction encompasses a total of 10,320 acres, more or less, which lands shall be divided into 5 separate leases, each covering the following described lands:

LEASE 1

Block 107, Public School Land Survey

Section 14: N/2 320 acres

(bonus = $320 \text{ ac } \times \$10/\text{ac} = \$3,200 \text{ total}; \$1,600 \text{ owner of soil}, \$1,600 \text{ State of Texas}$

LEASE 2

Block 104, Public School Land Survey

 Section 3:
 E/2 E/2
 160 acres

 Section 10:
 E/2 E/2
 160 acres

 Section 14:
 All
 640 acres

 Section 15:
 E/2 E/2 E/2
 80 acres

(bonus = 1,400 ac x \$10/ac = \$10,400 total; \$5,200 owner of soil, \$5,200 State of Texas

LEASE 3

Block 108, Public School I	Land	Survey
----------------------------	------	--------

Section 22: All 640 acres Section 23: All 640 acres Section 24: All 640 acres

(bonus = 1.920 ac x \$10/ac = \$19,200 total; \$9,600 owner of soil, \$9,600 State of Texas

LEASE 4

Block 106, Public School Land Survey

Section 10: All 640 acres Section 15: All 640 acres Section 22: All 640 acres

Block 105, Public School Land Survey

Section 3: All 640 acres Section 10: All 640 acres

(bonus = 3,200 ac x \$10/ac = \$32,000 total; \$16,000 owner of soil, \$16,000 State of Texas

LEASE 5

Block 105, Public School Land Survey

Section 5: All 640 acres All 640 acres Section 8: 640 acres Section 17: All 640 acres Section 18: All Section 19: All 640 acres 640 acres Section 20: All

(bonus = 3,840 ac x \$10/ac = \$38,400 total; \$19,200 owner of soil, \$19,200 State of Texas

TOTAL BONUS PAID FOR LEASES 1 THROUGH 5

 $10,320 \text{ ac } \times \$10/\text{ac} = \$103,200 \text{ total}; \$51,600 \text{ payable to owner of soil}, \$51,600 \text{ payable to State of Texas}$

Please review this agreement to lease at your earliest opportunity and advise of your acceptance. We appreciate your cooperation and prompt attention to this matter. Should you have any questions or comments, do not hesitate to contact me at (915) 682 6612; I will be happy to discuss them with you.

Very truly yours,

TITAN RESOURCES, L. P.

Enclosures

JRR:jb



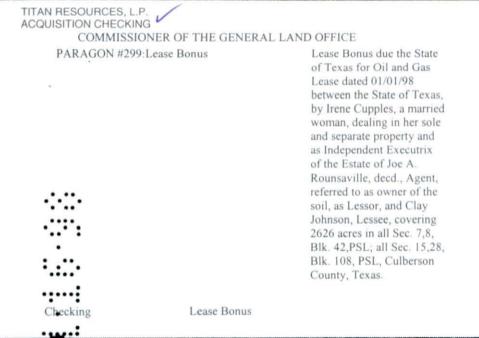
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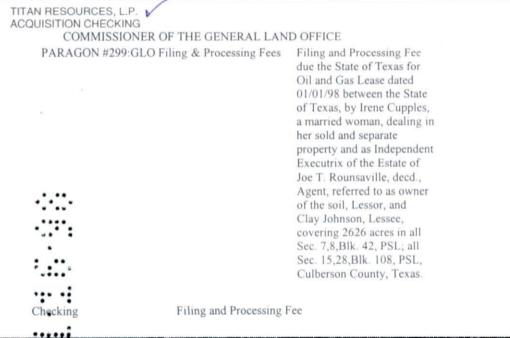
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98024561

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1/14/98



↑ 98024562

1/14/98

125.00

125.00



January 15, 1998

Commissioner of the General Land Office Stephen F. Austin Building 1700 North Congress Avenue Austin, Texas 78701

Attn: Mr. Robert Hatter, Room 600

Re: Relinquishment Act Oil and Gas Lease dated January 1, 1998
Irene Cupples, a married woman dealing in her sole and separate property, and Irene Cupples, Independent Executrix of the Estate of Joe T. Rounsaville, deceased, Agent for the State of Texas, Lessor
Titan Resources, L.P., Lessee covering lands in Culberson County, Texas
Paragon Prospect

Gentlemen:

With reference to our previous correspondence and conversations pertaining to the captioned Oil and Gas Lease, enclosed please find the following for your files and further handling:

- 1. Certified copy of Oil and Gas Lease dated January 1, 1998, between the State of Texas, acting by and through its Agent, Irene Cupples, a married woman dealing in her sole and separate property, and Irene Cupples, Independent Executrix of the Estate of Joe T. Rounsaville, deceased, said Agent referred to as the owner of the soil, and Titan Resources, L.P., Lessee, covering 2626 acres in all Sec. 7,8, Blk. 42, PSL; all Sec. 15, 28, Blk. 108, PSL, in Culberson County, Texas, which has been duly filed under Clerk's File Number 50374 to be recorded in the Oil and Gas Records of Culberson County, Texas.
- 2. Titan Resources, L.P. Check No. 1331 made payable to the order of Commissioner of the General Land Office of the State of Texas in the amount of \$13,130.00, representing payment in full of lease bonus consideration (1/2 due the State of Texas) for the above mentioned Oil and Gas Lease.

Commissioner of the General Land Office page -2- · January 15, 1998

3. Titan Resources, L.P. Check No. 1332 made payable to the order of Commissioner of the General Land Office of the State of Texas in the amount of \$125.00, representing the required processing fee and filing fee for handling this matter.

Verbal approval to the terms covered under the captioned lease was given on January 8, 1998, pursuant to our meeting with representatives of the General Land Office on January 6, 1998.

Please advise this office of the assigned Mineral Number for the enclosed lease when it has been processed and duly filed in your records. If additional information is required, please do not hesitate to contact the undersigned.

Thank you for your continued cooperation and courtesy in this matter.

Very truly yours,

J. Robert Ready

/pb

Enclosures



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ITEM -	Ket	15	 ······································
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FROH	1-15	48	
DATE -			



June 24, 1998

Attn: J. Robert Ready TITAN Resources, L.P. 500 W. Texas, Suite 500 Midland, Texas 79701

Re:

RELINQUISHMENT ACT LEASE No. M-099029

Sec. 7 & 8, Blk. 42, PSL Survey Sec. 15 & 28, Blk. 108, PSL Survey 2626 Acres, Culberson County

Dear Mr. Ready:

The certified copy of the Relinquishment Act lease covering the above referenced tract has been approved and filed in our records under mineral file number M-099029. Please refer to this number in all future correspondence concerning the lease.

Your remittance of \$13,255.00, has been applied as the state's portion of the bonus, the processing fee and the filing fee. Please let me know if you should have any questions.

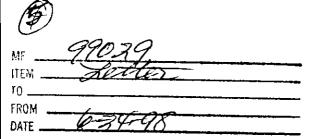
Sincerely,

Drew Reid Minerals Leasing

Energy Resources

(512) 475-1534

MT/DR



STATE OF TEXAS

COUNTY OF CULBERSON

Owner Of The Soil: The State of Texas, acting by and through its agent,

Irene Cupples, a married woman dealing in her sole and separate property, and Irene Cupples, Independent Executrix of the Estate of Joe T. Rounsaville, deceased

P. O. Box 1861, Pecos, Texas 79772-1861

Lessee:

Clay Johnson, 310 West Texas, Suite 808, Midland, Texas 79701

WHEREAS, Owner Of The Soil and Lessee, each defined above, have entered into certain Oil and Gas Leases more particularly described below; and

NOW, Owner Of The Soil and Lessee desire to amend the terms of each of the subject Oil and Gas Leases by deleting in its entirety the paragraph numbered 2 in Exhibit "A" attached to and made a part of each of the leases. For reference purposes, paragraph 2 in Exhibit "A" of the subject leases reads as follows:

2. Lessee shall pay to the owners of the surface estate, and such owner's successors and assigns, a reasonable amount for all damages of every kind caused by operations conducted under or by authority of this lease.

THEREFOR, in consideration of the mutual benefits realized by the parties hereto, the receipt and sufficiency of which is hereby acknowledged, Owner Of The Soil and Lessee do hereby amend each of the following described Oil and Gas Leases such that the paragraph numbered 2 in Exhibit "A" attached to and made a part of each of the leases is deleted in its entirety.

OIL AND GAS LEASES:

Lessor:

Owner Of The Soil

Lessee:

Clay Johnson Lease Date: January 1, 1998

Lands:

Block 106, Public School Land Survey

Section 3: N/2, Section 4: S/2, Section 10: All, Section 15: All, Section 22: All

Block 105, Public School Land Survey

Section 3: All, Section 10: All Culberson County, Texas

Lessor:

Owner Of The Soil

Lessee:

Clay Johnson

Lease Date: January 1, 1998

Lands:

Block 105, Public School Land Survey

Section 5: All, Section 8: All, Section 17: All, Section 18: All, Section 19: All

Culberson County, Texas

Lessor:

Owner Of The Soil

Lessee:

Clay Johnson Lease Date: January 1, 1998

Lands:

Block 105, Public School Land Survey

Section 20: All

Block 66, Public School Land Survey

Section 1: All

Block 99, Public School Land Survey Section 4: All, Section 5: All, Section 6: All

Culberson County, Texas

OIL AND GAS LEASES: continued

Lessor:

Owner Of The Soil

Lessee:

Clay Johnson Lease Date: January 1, 1998

Lands:

Block 107, Public School Land Survey

Section 14: N/2

Culberson County, Texas

Lessor:

Owner Of The Soil

Lessee:

Clay Johnson Lease Date: January 1, 1998

Block 104, Public School Land Survey

Lands:

Section 3: E/2 E/2, Section 10: All, Section 14: All, Section 15: E/2 E/2 E/2

Culberson County, Texas

Lessor: Lessee: Owner Of The Soil Clay Johnson

Lease Date: Lands:

January 1, 1998 Block 108, Public School Land Survey

Section 8: All, Section 9: All, Section 10: All, Section 20: All

Culberson County, Texas

Lessor:

Owner Of The Soil Clay Johnson

Lessee:

Lease Date: January 1, 1998

Lands:

Block 108, Public School Land Survey

Section 16: All, Section 17: E/2 and NW/4, Section 18: N/2, Section 19: N/2,

Section 26: E/2, Section 27: All Culberson County, Texas

Lessor: Lessee:

Owner Of The Soil Clay Johnson January 1, 1998

Lease Date: Lands:

Block 108, Public School Land Survey

Section 21: All, Section 22: All, Section 23: All, Section 24: All

Culberson County, Texas

Lessor:

Owner Of The Soil Clay Johnson

Lessee: Lease Date:

January 1, 1998

Lands:

Block 42, Public School Land Survey

Section 7: All, Section 8: All

Block 108, Public School Land Survey

Section 15: All, Section 28: All Culberson County, Texas

FURTHER, Owner Of The Soil and Lessee do hereby ratify and confirm each of the above Oil and Gas Leases, and all of the terms and provisions contained therein, except as said leases are amended by this instrument.

IN WITNESS WHEREOF, this instrument has been executed on the dates reflected in the acknowledgments hereto, to be effective for all purposes as of January 1, 1998.

OWNER OF THE SOIL

Individually and as agent for the State of Texas, Irene Cupples, a married woman dealing in her

sole and separate property

Individually and as agent for the State of Texas, Irene Cupples, Independent Executrix of the Estate of Joe T. Rounsaville, deceased

LESSEE

ACKNOWLEDGMENT

STATE OF TEXAS

REEVES COUNTY OF MIDLAND

This instrument was acknowledged before me on this 4th

day of February, 1998, by Clay Johnson.

ELVESTA TARIN Notary Public, State of Texas My Commission Expires Dec 15, 1997

ACKNOWLEDGMENT

STATE OF TEXAS

COUNTY OF <u>REEVES</u>

Before me, the undersigned authority, on this day personally appeared Irene Cupples, a married woman dealing in her sole and separate property, and Irene Cupples, Independent Executrix of the Estate of Joe T. Rounsaville, deceased, 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 the 4th day of February, 1998.

ALVESIA TARIN Notary Public, State of Texas My Commission Expires Dec 15, 1997 Notary Public in and for the State of Texas

(D)

MF	99029 Lease
ITEM .	Klase
10	
FROM	3498

	Book/Vol	Page	En	try	Coun	ty / Parish	h	State
TX299-109-010-000-00	76	633	50410		CULBER	SON		TEXA
Lease Name: Cupples, I.:	State	of Texa	as, et al,	Irene Cupp	les, L	ease Date	01/0	1/98
		L	egal Description					
Section 7: All Section 8: All BLOCK 108, Public School Land Surve Section 15: All Section 28: All	У							
PROSPECT TX299 - PARA	AGON I	NDIAN/S	ST/FED LSE	# M99029	121			
PROSPECT TX299 - PARA	AGON I	NDIAN/S	ST/FED LSE		2		Amount	

INSTRUCTIONS TO DEPOSITORY: You have been designated as depository for the above described payment. Please credit the proceeds thereof to the parties named and in the amounts indicated. Should any difficulty of any nature arise, DO NOT RETURN our check, but make the deposit to the credit of the party named in a special account, and advise us as soon as possible for further instructions.

RN - Period Beg. 01/01/1999 DELAY RENTAL

CHECK # 100122

DRental Payment <u>18-28-98.</u>



Lease Number	Book/Vol	Page	Entry	County	/ Parish	State
TX299-109-010-000-00	76	633	50410	CULBERS	ON	TX
Lease Name: Cupples, I.:	State	of Texa	as, et al, Irene Cu	pples, Lea	ise Date 0	1/01/98
		L	egal Description			
Section 7: All Section 8: All BLOCK 108, Public School Land Surve Section 15: All Section 28: All Culberson: Amendment Recordation: 0 Dil and Gas Lease originally record	2-18-1998/76, ed in Volume	76, Page 6			12085 21 Resou	
Payer (e)				Account Number	Am	ount
State of Texas General Land Office 1700 N. Congress Aver Austin, TX 78701	iue				X	1313.00
RN - Period Beg. 01/0	1 /2000	DELAY I	PENTAT	CHECK	# 100788	2

INSTRUCTIONS TO DEPOSITORY: You have been designated as depository for the above described payment. Please credit the proceeds thereof to the parties named and in the amounts indicated. Should any difficulty of any nature arise, DO NOT RETURN our check, but make the deposit to the credit of the party named in a special account, and advise us as soon as possible for further instructions.

File No. MF-099029

Rental Payment

Date Filed:

David Donto

Propert	y Id / MMS	Eff. Date	Recording Info	ormation	State		County/Parish
TX299-10	9-010-000-00 99029	A CONTRACTOR OF THE PROPERTY O	01/21/98 BK 76 PG 633 ENTRY 50410 Texas				Culberson
111111111111111111111111111111111111111		71.017/108	Property Na	ame / Lessor			
State of Texa	s, acting by and	through its age	ent, Irene Cupples, a married wo	man dealing in her so	le and separate pro	perty, and Iren	ne Cupples,
			. Rounsaville, dec'd.				
			Property Leg	al Description			MANUAL PROPERTY.
Section 7: Section 8:	All Public School Lar				101	010 0 1017	(1947 '946
Section 28: Culberson: A	All mendment Reco	rdation: 02-18-	1000/76/773/50473		d1	1131	3.00
			1990/70/772/30473		'	XIO	
The Later			Payee Name & Address			SSN/	Tax Id Number
State of Texa	s, acting by and			Office			
700 N Con	rress Avenue		Payee Name & Address	Office			al Tax Withheld
State of Texa 1700 N. Cong Austin, TX 7	rress Avenue		Payee Name & Address	Office		Feder	al Tax Withheld
700 N Con	rress Avenue		Payee Name & Address	Office		Feder	al Tax Withheld
700 N Con	rress Avenue		Payee Name & Address	Office		Feder	al Tax Withheld 0.00 ount Number
700 N. Con Austin, TX 7	rress Avenue		Payee Name & Address	Office		Feder	al Tax Withheld
700 N Con	rress Avenue		Payee Name & Address emmissioner of the General Land	Office Bank Service Charges	Property Sub-Type	Feder Acc Tota	al Tax Withheld 0.00 ount Number Bank Charges
700 N. Cond Austin, TX 7	gress Avenue 8701 Period	through the Co	Payee Name & Address emmissioner of the General Land ent Amount btion Due	Bank Service Charges		Feder Acc Tota	al Tax Withheld 0.00 ount Number Bank Charges 0.00 roperty
Payment Date Date 01/01/2001 EASE NO. 5	Period (in months)	through the Co	Payee Name & Address emmissioner of the General Land ent Amount btion Due	Bank Service Charges		Feder Acc Tota	al Tax Withheld 0.00 ount Number Bank Charges 0.00 roperty
Payment Die Date 01/01/2001	Period (in months)	through the Co	Payee Name & Address emmissioner of the General Land ent Amount btion Due	Bank Service Charges		Feder Acc Tota	al Tax Withheld 0.00 ount Number Bank Charges 0.00 roperty
Payment Date Date 01/01/2001 EASE NO. 5	Period (in months)	through the Co	Payee Name & Address emmissioner of the General Land ent Amount btion Due ENTAL 1313.00	Bank Service Charges		Feder Acc Tota	al Tax Withheld 0.00 ount Number Bank Charges 0.00 roperty
Payment Date Date 01/01/2001 EASE NO. 5	Period (in months)	through the Co	Payee Name & Address emmissioner of the General Land ent Amount bition Due ENTAL 1313.00	Bank Service Charges 0.00		Feder Acc Tota	al Tax Withheld 0.00 ount Number Bank Charges 0.00 roperty
Payment Date Date 01/01/2001 EASE NO. 5	Period (in months)	through the Co	Payee Name & Address emmissioner of the General Land ent Amount btion Due ENTAL 1313.00	Bank Service Charges 0.00		Feder Acc Tota	al Tax Withheld 0.00 ount Number Bank Charges 0.00 roperty
Payment Date Date 01/01/2001 EASE NO. 5	Period (in months)	through the Co	Payee Name & Address emmissioner of the General Land ent Amount bition Due ENTAL 1313.00	Bank Service Charges 0.00		Feder Acc Tota	al Tax Withheld 0.00 ount Number Bank Charges 0.00 roperty
Payment Date Date 01/01/2001 EASE NO. 5	Period (in months)	through the Co	Payee Name & Address emmissioner of the General Land ent Amount bition Due ENTAL 1313.00 0.00	Bank Service Charges 0.00 0.00		Feder Acc Tota	al Tax Withheld 0.00 ount Number Bank Charges 0.00 roperty
Payment Date Date 01/01/2001 EASE NO. 5	Period (in months)	through the Co	Payee Name & Address emmissioner of the General Land ent Amount bition Due ENTAL 1313.00	Bank Service Charges 0.00 0.00		Feder Acc Tota	al Tax Withheld 0.00 ount Number Bank Charges 0.00 roperty
Payment Date Date 01/01/2001 EASE NO. 5	Period (in months)	through the Co	Payee Name & Address emmissioner of the General Land ent Amount bition Due ENTAL 1313.00 0.00	Bank Service Charges 0.00		Feder Acc Tota	al Tax Withheld 0.00 ount Number Bank Charges 0.00 roperty

Instructions to depository: you have been designated as depository for the above described payment(s). Please credit the proceeds thereof to the parties named and in the amounts indicated. Should any difficulty arise, make the deposit in a special account, and contact us immediate 0 101843

File No. MF099039

Rental Payment

Date Filed

15.18.00

David Dewburst, Commissioner

Check #9900487 County/Parish Property Id / MMS Eff. Date Recording Information State 01/01/1998 01/21/98 BK 76 PG 633 ENTRY 50410 Culberson TX299-109-010-000-00 Texas M-99029 Property Name / Lessor State of Texas, acting by and through its agent, Irene Cupples, a married woman dealing in her sole and separate property, and Irene Cupples. Independent Executrix of the Estate of Joe T. Rounsaville, dec'd. **Property Legal Description** BLOCK 42, Public School Land Survey Pure Resources X 1313.00 02014233 121 Section 7: All Section 8: All BLOCK 108, Public School Land Survey Section 15: All Section 28: All Culberson: Amendment Recordation: 02-18-1998/76/772/50473 SSN/Tax Id Number Payee Name & Address State of Texas, acting by and through the Commissioner of the General Land Office 1700 N. Congress Avenue Federal Tax Withheld Austin, TX 78701 0.00 Account Number **Total Bank Charges** 0.00 Payment Bank Service Property Property Period Amount Payment Sub-Id **Due Date** (in months) Description Due Charges Sub-Type 0.00 **DELAY RENTAL** 1313.00 01/01/2002 12 LEASE NO. 50374 0.00 0.00 0.00 0.00

Instructions to depository: you have been designated as depository for the above described payment(s). Please credit the proceeds the p

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Date Filed: ________David Dewhursh Commissioner

By_________