

968 20 UNIT ACRES

1053 8 UNIT ACRES - ^{Reactivated} ~~INACTIVE~~

1068 12.46 UNIT ACRES

STATE LEASE

MF066110

~~CONTROL~~

BASEFILE

COUNTY

01-3425

000

-

REEVES

/195

01-3434

000

-

WARD

/238

SURVEY : PECOS RIVER

BLOCK :

TOWNSHIP : 00

SECTION/TRACT:

PART :

ACRES : ~~24.23~~ 100, 40.46 32.46

DEPTH LIMITS : NO

Rentals:

Lease

Admin:

Mineral ~~+~~

Maps:

LESSEE : FOREST OIL CORP

LEASE DATE : Jul 06 1971

PRIMARY TERM : 5 yrs

BONUS (\$) : 26666.00

RENTAL (\$) : 5.00

ROYALTY : 0.16666700

VAR ROYALTY :

FOREST OIL CORP

F273797

24.23

10 ac. Unit

\$50.00

50.77

90 ac. Non-unit (A) \$450.00

EXPIRED
RW

RAINBOW. 10 ac - P (4/11)

DOLLY VANDER 8 ac Producing

STEELEMAN 6.23 - P (4/11)

N.L.R. 25 - EXPIRED July 1976

24.23 unit 1/6

75.77 outside & EXPIRED 7.6.76

01-00342-5

01-00343-4

STATE LEASE

66110

COUNTY: Reeves and Ward

TRACT: 8, Pecos River

PART:

ACRES: 100 Approx. 24.23 ac

LESSEE: Forest Oil Corporation

DATE: 7-6-71

TERM: 5 Years

BONUS: \$26,666.67

RENTAL: \$5.00

FILE:

Lease
Rental
Min. A.O.
Min. Max.
Pass To:

92 in 92

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88110

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3. RENTAL PAYMENT	6-16-72	36. DIVISION ORDER	3-16-76 rsm
4. RENTAL PAYMENT	6-18-73s	37. DIVISION ORDER	SEE FILE 64568 5-20-76
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5. Ltr. fr. Forest Oil Cor.	6-28-73jr	39. Ltr. from Forest Oil Corp	4-8-76cc
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8. Ltr. fr. Forest Oil Corp.	10-8-73 jr	See Letter Dated 8-17-77 in M64566 or	
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9. Ltr. to Forest Oil Corp.	10-16-73 jr	See Letter Dated 11-30-77 in M64566 or	
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See MF 64567, Item 15		44. APPLICATION TO DRILL WELL # 1	5/11/78 MHV
11. Ltr. to Forest Oil Corp.	11-9-73 jr	See Letter Dated 8-5-78 in M64566 or	
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16A - Assignment	2-12-74	57. Tender of money	7-19-79 LG
16. RENTAL PAYMENT	6-17-74	58. Legal Memo	7-19-79 LG
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17. Forest Oil Corp.	2-20-75 gs	59. See Letter Dated 8-14-79 in M64566 or	
See M-64568 - Item 8 - Ltr to		60. See Letter Dated 8-10-79 in M64566 or	
18. Wallace H. Scott	3-5-75 gs	61. See Letter Dated 8-4-81 in M64566 or	
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19. Item 9	3-21-75 gs	63. See Letter Dated 8-24-81 in M64566 or	
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20. Steelhead Unit	1068 3-26-75 gs	65. See Letter Dated 9-8-82 in M64566 or	
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21. Walter C. Beardsley	3-26-75 gs	67. See Letter Dated 9-22-82 in M64566 or	
22. Ltr to Forest Oil Corp.	6-11-75 gs	68. See Letter Dated 10-24-82	
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29. APPLICATION TO DRILL WELL # 1	" MHV		
30. Comp. Rept. Well # 1	" "		
31. Elec. Log. Well # 1	" "		
32. Rental Payment	6-11-75		
33. Ltr to Lone Star Prod.	9-23-75		

C/F M. M. Slagle, Jr.

July 25, 1975

70. Ltr from Forest
5-31-83 R VJ

71. Division Ord + Letter 3-28-88 SB

~~72~~ See Letter Dated 11-17-89 in M 64566

~~73~~ See Letter Dated 11-21-89 in M 64566

✓ See Assignment Dated _____ in M 64566 (107)

72 4/7 98-080 5-7-48

ASSIGNMENT FILED IN MF-035816 #65, WI, #7809. 2/1/11

73. Reconciliation Ltr 5/2/11

74. Email to set up control record 05/15/2013

75. Research instructions 05/18/2013

76. Plat, well records & Special Field Rules 05/20/2013

77. Production Review 05/20/2013

Scanned sm 12/13/13

See MF064568, #127 for Assignment #8803

See MF064569, #128 for Assignment #8804

Scanned PJ 2-25-15

78. Shut in payment 10/7/20

Scanned PJ 10-12-2020

C/F Forest Oil
Corporation
April 18, 1988

66110
MINERAL LEASE APPLICATION
(Oil and Gas Lease)

To The Commissioner of the General Land Office
and The School Land Board
Austin, Texas

By virtue of Article 5421c, Vernon's Civil Statutes, and other applicable laws, providing for the leasing of river beds and channels, unsold surveyed school lands, and areas within tidewater limits including islands, lakes, salt water lakes, bays, inlets, marshes, reefs, the bed of the sea, and that portion of the Gulf of Mexico within the jurisdiction of the State of Texas, I herewith tender my application for the following area:

~~93709~~
93710

Mgl.
No.
37

Survey	Tract	Blk	Tsp	Original Grantee	Acres	Designated Area	County
(Tract 8 is bounded on the Northwest by a Northeasterly extension of the Southeast line of Sec. 3, Blk. 3, H. & G. N. R.R. Co. Survey, Reeves County, and is bounded on the Southeast by a Southwesterly extension of the Northwest line of Sec. 66, Blk. 33, H. & T. C. R.R. Co. Survey, Ward County). (See Map No. 9)	8				100		Reeves County, Ward

(Only one tract may be included in this application, and it must be described the same as in the advertised list.)

I accept and agree to the terms and requirements of said statutes, and I agree to pay to the State of Texas at the General Land Office, Austin, Texas, one-sixth (1/6) of the gross production of oil and/or gas, or the value of same that may be produced thereon.

And beginning with the second year of the lease, I agree to pay delay rental in the sum of \$5.00 per acre, which shall operate as a rental and cover the privilege of deferring the commencement of a well for twelve (12) months from said date. In like manner and upon like payments or tenders the commencement of a well may be further deferred for like periods of the same number of months successively during the primary term of my lease.

If production in commercial quantities should be secured within the five year primary term, or any extension thereof, my lease shall continue as long thereafter as oil or gas is produced therefrom in commercial quantities.

IN ADDITION TO THE ABOVE, I HEREBY BID AND ENCLOSE HERewith AS A CASH BONUS THE SUM OF Twenty six thousand six hundred sixty-six and 67/100 - - - - - 26,666.67 - - - - - DOLLARS.

There is also attached remittance in the amount of Two hundred sixty six and 67/100 - - - - - Dollars, being 1% of the cash bonus offered as a special sale fee as provided in Article 5382d-1, Vernon's Civil Statutes.

RECEIVED IN THE GENERAL
LAND OFFICE ON OR BEFORE
10 A.M. 7-6-71

FOREST OIL CORPORATION

By J. Creech

(Applicant)

P. O. Box 4486

(Address)

Midland, Texas 79701

(Post Office)

July 2, 1971

(Date)

CERTIFICATE

I, Richard H. Keahy, Secretary of the School Land Board, do hereby certify that at a regular meeting of said Board held in the General Land Office, Austin, Texas, on the 6th day of July, A. D., 19 21, the above application No. 61380 was accepted, all of which is shown in Vol. 27, Page , of the Minutes of said Board.

Given under my hand this the 6th day of July, A. D., 19 21, at Austin, Texas.

Richard H. Keahy
Secretary of the School Land Board

61380

APPLICATION NO. _____

① MF-66110
Bid
7-6-71

The State of Texas General Land Office



Austin, Texas

OIL AND GAS LEASE

No. 66110

WHEREAS, Pursuant to Chapter 271, Acts of the 42nd Legislature, 1931, as amended by House Bill No. 9, Acts of the 46th Legislature, 1939, Chapter 82, Acts of the 50th Legislature, 1947, and subject to all rules and regulations promulgated by the Commissioner of the General Land Office, pursuant to Article 5366 V.C.S. and other applicable statutes and amendments thereto, governing drilling and producing operations, and other applicable laws, the following area, to-wit:

Tract 8, Pecos River, Reeves and Ward Counties, containing approximately 100 acres, bounded on the Northwest by a Northeasterly extension of the Southeast line of Sec. 3, Blk. 3, H. & G. N. R.R. Co. Survey, Reeves County, and is bounded on the Southeast by a Southwesterly extension of the Northwest line of Sec. 66, Blk. 33, H. & T. C. R.R. Co. Survey, Ward County,

was, after being duly advertised, offered for lease on the 6 day of July, 1971, at 10:00 o'clock A.M., by the Commissioner of the General Land Office of the State of Texas and the School Land Board of the State of Texas, for the sole and only purpose of prospecting and drilling for, and producing oil and/or gas that may be found and produced from the above described area.

WHEREAS, After all bids and remittances which were received up to said time have been duly considered by the Commissioner of the General Land Office and the School Land Board at a regular meeting thereof in the General Land Office, on the 6 day of July, 1971, and it was found and determined that _____

FOREST OIL CORPORATION

whose address is P. O. Box 4486, Midland, Texas 79701,
had offered the highest and best bid for a lease of the area above described and is, therefore, entitled to receive a lease thereon.

NOW, THEREFORE, I, BOB ARMSTRONG, Commissioner of the General Land Office of the State of Texas, by virtue of the authority vested in me and in consideration of the payment by the hereinafter designated Lessee, the sum of _____

Twenty-Six Thousand Six Hundred Sixty-Six and 67/100----- dollars
(\$ 26,666.67), receipt of which is hereby acknowledged and of the royalties, covenants, stipulations and conditions contained

and hereby agreed to be paid, observed and performed by Lessee, do hereby demise, grant, lease and let unto _____

Forest Oil Corporation

the exclusive right to prospect for, produce and take oil and/or gas from the aforesaid area for a period of FIVE (5) YEARS and as long thereafter as oil and/or gas is produced therefrom in commercial quantities, upon the following terms and conditions, to-wit:

1. Subject to the other provisions hereof, this lease shall be for a primary term of FIVE (5) YEARS and as long thereafter as oil or gas is produced in paying quantities.

2. If no well be commenced on the land hereby leased on or before the 6 day of July, 1972, this lease shall terminate as to both parties unless the Lessee on or before said date shall pay or tender to the Commissioner of the General Land Office of the State of Texas at Austin, Texas, the sum of _____

Five and No/100----- dollars
(\$ 5.00), per acre, which shall operate as a rental and cover the privilege of deferring the commencement of a well for twelve (12) months from said date. In like manner and upon like payments or tenders the commencement of a well may be further deferred for like periods of the same number of months successively during the primary term hereof.

3. When production of oil and/or gas is secured, the Lessee agrees to pay or cause to be paid to the Commissioner of the General Land Office at Austin, Texas, for the use and benefit of the State of Texas, during the term hereof:

(A) As a royalty on oil, which is defined as including all hydrocarbons produced in a liquid form at the mouth of the well and also all condensate, distillate, and other liquid hydrocarbons recovered from oil or gas run through a separator or other equipment, as hereinafter provided, one-sixth (1/6)

of the value of the gross production. Said value shall be based on 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, or the prevailing market price thereof in the general area, or the proceeds of the sale thereof, whichever is the greatest. Lessee agrees that before any gas produced from the land hereby leased is sold, used or processed in a plant, it will be run through an adequate oil and gas separator on the lease of conventional type or other equipment at least as efficient to the end that all liquid hydrocarbons recoverable from the gas by such means will be recovered. Upon written consent of Lessor, the requirement that such gas be run through such a separator or other equipment may be waived upon such terms and conditions as prescribed by Lessor.

(B) As royalty on any gas, which is defined as all hydrocarbons and gaseous substances not defined as oil in subparagraph (A) above, produced from any well and sold by Lessee, or used by Lessee for purposes which are not exempted from royalty payments (except as provided herein with respect to gas processed in a plant on a percentage basis for the extraction of gasoline,

liquid hydrocarbons or other products) one-sixth (1/6) of the value of the gross production, but in no event shall the royalty be based on a price of less than the highest market price paid or offered for gas in the general area, or the price paid or offered to the producer, whichever is the greater; provided that the maximum base pressure in measuring the gas under this lease contract 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 test made by the Balance Method.

(C) As royalty on any gas processed for the recovery of gasoline or other liquid hydrocarbons, _____

one-sixth (1/6) of the value of the gas processed. Lessee agrees that the value of such processed gas shall be the value of the liquid hydrocarbons recovered therefrom, plus one hundred per cent (100%) of the value of this lease's proportionate share (being that portion returnable to this lease) of the residue sold from the plant. The State's royalty shall be paid on the basis of the average selling price of residue gas and the respective grades of liquid hydrocarbons, F.O.B. at the plant in which said gas is used for the same month in which the gas was delivered, provided that the price shall not be less than the average of prices quoted in one or more of the leading periodicals of the industry for similar grades of liquid hydrocarbons and residue gas in the territory, or the price accruing to the Lessee, whichever is the greater. The value of all liquid hydrocarbons shall be determined as follows:

(1) On the basis of 50% of the value of the liquid hydrocarbon content of the gas as determined at the wellhead by the split-stream method of testing or the most approved method of testing being used by the industry at the time of testing, or

(2) That per cent of the value of liquid hydrocarbon content of the gas which accrues to the Lessee, or

(3) 50% of the value of liquid hydrocarbons actually recovered, or

(4) That per cent of the value of the liquid hydrocarbons actually recovered which accrues to the Lessee; whichever is the greatest.

(D) As a 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, the value of

one-sixth (1/6) of the production used or disposed of by sale or otherwise by Lessee, the value to be determined as follows:

(1) On the basis of the average sale price of the product, F.O.B. at the plant for the same month in which the production is secured, or

(2) On the basis of the average price received by the seller for any of the by-products at the point of delivery, or

(3) On the basis of the average of prices quoted in one or more of the leading periodicals of the industry for similar grades of said products in the territory; whichever is the greatest.

(E) No royalty shall be payable on gas used by Lessee for operations on the leased premises. No royalty shall be payable on any gas as may represent Lessee's proportionate share of any fuel used in compressing such gas or as fuel in any processing plant or other facility. Subject to the consent in writing of the Commissioner of the General Land Office, Lessee may inject gas into any oil or gas producing formation underlying the leased premises after the liquid hydrocarbons contained in the gas have been removed, and no royalties shall be payable on the gas so injected until such time as the same may thereafter be produced and sold or used by Lessee in such manner as to entitle Lessor to a royalty thereon under the royalty provisions of this lease.

(F) Lessee agrees to use reasonable diligence to prevent the underground or above ground waste of oil or gas, and to avoid the physical waste of gas produced from the leased premises, Lessee shall either market said gas or use same beneficially in operations on the leased premises. Commencing ninety (90) days from the date of initial production hereunder, if waste of gas occurs

by blowing, flaring, release, venting, escape or otherwise, Lessee shall pay Lessor a royalty of _____

one-sixth (1/6) of the market value thereof, or in the event that there may not be a market for such gas, the royalty shall be based on the market value of gas of comparable quality in the closest vicinity where there is a market for such gas, but in no event shall such value be less than ten cents (10c) per M.C.F.

4. All royalties shall be paid to the Commissioner of the General Land Office at Austin, Texas, during the life of this lease, on or before the 30th day of each succeeding month, for the month in which the oil and/or gas was produced, and shall be accompanied by a sworn statement of the owner, manager, or other authorized agent, showing the gross amount of oil produced since the last report, and the amount of all dry gas, residue gas, casinghead gas, and other products produced therefrom, sold or used for the manufacture of gasoline, and the market value of the oil, dry gas, residue gas, casinghead gas, and other products produced therefrom, together with a copy of all daily gauges of tanks, meter readings, pipeline receipts, gas line receipts and other checks and memoranda of the amounts produced and put into pipelines, tanks or pools and gas lines or gas storage. In all cases the authority of a manager or agent to act for the Lessee herein must be filed in the General Land Office.

5. The books and accounts, receipts and discharges of all wells, tanks, pools, meters, pipelines and all contracts and other records pertaining to the production, transportation, sale and marketing of the oil and gas produced on said premises 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. The State shall have a first lien upon all oil and/or 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 under this lease.

6. 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 therefrom.

7. If oil and/or gas should be produced in commercial quantities in a well on land privately owned or on State land leased at a lesser royalty, which well is within one thousand (1,000) feet of the area included herein, the Lessee shall, within sixty (60) days after such initial production on such land, begin in good faith and prosecute diligently the drilling of an offset well on this area, and such offset well shall be drilled to such depth as may be necessary to prevent the undue drainage of this area, and the Lessee, manager or driller shall use all means necessary in a good faith effort to make such offset well produce oil and/or gas in commercial quantities.

8. Should the first well or subsequent successive wells drilled on the above described land be a dry hole or dry holes, this lease shall terminate as to both parties, unless, on or before the rental paying date next ensuing after sixty (60) days from the date of completion of such dry hole the Lessee commences the drilling of another well or resumes payment of annual delay rental in the same manner as provided in Paragraph Number 2 in this lease; provided further that should the first well or any subsequent well drilled on the above described land be completed as a shut-in gas well within the primary term hereof the Lessee shall resume payment of annual rental in the same manner as provided in Paragraph Number 2 in this lease on or before the rental paying date next ensuing from the date of completion of such shut-in gas well and the failure to make such annual rental payment shall subject the lease to forfeiture under the provisions of Paragraph Number 14 hereof. If at the expiration of the primary term or at any time thereafter a shut-in gas well is located on the leased premises payments shall be made in accordance with the provisions of Paragraph Number 17 hereof.

9. Whenever the Lessee commences the drilling or reworking of any well or wells upon the above described premises, written notice thereof shall be filed in the General Land Office within five (5) days after spudding in such well, accompanied by a plat of said premises showing the location of such well or wells.

(A) Upon the request of the Commissioner of the General Land Office or his authorized representative, Lessee shall file in the General Land Office carbon copies of all forms and other information filed with the Texas Railroad Commission which pertain to operations on this lease within five (5) days after said filing with the Commission.

(B) Lessee shall have an electrical and/or radioactivity survey made of the bore-hole section, from the base of the surface casing 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) The Lessee herein agrees, insofar as possible, to 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, that may be requested by the General Land Office, in addition to those herein expressly provided for.

10. Lessee shall have the right to use such water that may be on the premises, necessary for drilling and operating wells, and shall have the right to use so much of the surface of the land that may be necessary for drilling and operating wells and transporting and marketing the production therefrom, such use to be conducted under conditions of least injury to the surface of the land.

11. In developing this area, the Lessee shall use the highest degree of care and all proper safeguards to prevent pollution. In the event of pollution, the 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 off all slush pits and cellars and completely clean up the drilling site of all rubbish thereon. Lessee also shall erect, at a distance not to exceed 25 feet from each well on the premises covered by this lease, a legible sign on which shall be stated the name of operator, the lease designation and the well number. Where two or more wells on the same lease or where wells on two or more leases are connected to the same tank battery, whether by individual flow line connections direct to the tank or tanks or by use of a multiple header system, each line between each well and such tank or header shall be legibly identified at all times, either by a firmly attached tag or plate or an identification properly painted on such line at a distance not to exceed three (3) feet from such tank or header connection. Said signs, tags, plates or other identification markers shall be maintained in a legible condition throughout the term of this lease.

12. The lease may be transferred at any time. All transfers must be recorded in the county where the area 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, accompanied by a filing fee of Three Dollars (\$3.00).

13. The 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 a filing fee of Three Dollars (\$3.00). Such relinquishment will not have the effect of releasing the Lessee from any liability theretofore accrued in favor of the State.

14. If the Lessee should fail or refuse to make payment of any sum due for royalty on the production, within thirty (30) days after it shall become due, or if the Lessee or his authorized agent should knowingly make any false return or false report concerning production, royalty, or drilling or if the Lessee should 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 the Lessee or his agent should fail or refuse to comply with any other rules or regulations adopted by the Commissioner of the General Land Office, or if the Lessee or his agent should refuse the proper authority access to the records pertaining to operations under this lease, or if the Lessee or his authorized agent should knowingly fail or refuse to furnish the log of any well as provided herein, or if Lessee shall knowingly violate any of the material provisions of this lease, this lease shall be subject to forfeiture by the Commissioner of the General Land Office, and when forfeited the area shall again be subject to lease to the highest bidder, under the same regulations controlling the original sale of leases.

15. 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 thereto.

16. In the event production of oil or gas on the leased premises after once obtained shall cease from any cause at the expiration of the primary term thereof or at any time or times thereafter, this lease shall not terminate if the Lessee commences additional drilling or reworking operations within sixty (60) days thereafter, and the lease shall remain in full force and effect so long as such operations continue in good faith and in workmanlike manner without interrupt; totaling more than sixty (60) days during any one such operation; and if such drilling or reworking operations result in the production of oil or gas, the lease shall remain in full force and effect so long as oil or gas is produced therefrom in paying quantities or payment of shut-in gas well royalties or compensatory royalties is made as hereafter provided or as provided elsewhere in the statutes of the State of Texas. Lessee shall give written notice to the General Land Office within five (5) days of any cessation of production.

17. If, at the expiration of the primary term or at any time thereafter, there is located on the leased premises a well or wells capable of producing gas in paying quantities and such gas is not otherwise produced for lack of a suitable market and this lease is not otherwise being maintained in force and effect, the Lessee may pay as royalty a sum of money equal to double the annual rental provided for in this lease but in no event to be less than \$1,200.00 per annum for each well capable of producing gas in paying quantities; such payment shall be made prior to the expiration of the primary term of this lease or if the primary term

has expired within sixty (60) days after the Lessee shuts in such well or ceases to produce gas therefrom or within sixty (60) days after this lease ceases to be otherwise maintained in force and effect; and if such payment is made, this lease shall be considered to be a producing lease and such shut-in gas well royalty payment shall extend the term of this lease for a period of one (1) year from the end of the primary term or, if after the primary term, from the first day of the month next succeeding the month in which such well was shut in or production ceased or this lease ceased to be otherwise maintained in force and effect; and thereafter, if no suitable market for such gas exists, the Lessee may extend this lease for four (4) additional and successive periods of one (1) year each by the payment of a like sum of money each year as above provided, on or before the expiration of the extended term. Provided, however, that if, while this lease is being maintained in force and effect by payment of such shut-in gas well royalty, gas should be sold and delivered in paying quantities from a well situated within 1,000 feet of the leased premises and completed in the same producing reservoir, or in any case where drainage is occurring, the right to further extend this lease by such shut-in gas well royalty payments shall cease and this lease shall remain in force and effect for the remainder of the current one-year period for which the shut-in gas well royalty has been paid and for an additional period not to exceed five (5) years from the expiration of the primary term by payment by the Lessee of compensatory royalty at the royalty rate provided for herein, of the value at the well of production from the well completed in the same producing reservoir from which gas is being sold and delivered and which is situated within 1,000 feet of or draining the leased premises on which such shut-in gas well is situated, such compensatory royalty to be paid monthly to the Commissioner of the General Land Office beginning on or before the 20th day of the month next succeeding the month in which such gas is sold and delivered from the well situated within 1,000 feet of or draining the leased premises and completed in the same producing reservoir, provided further that in the event such compensatory royalties paid in any twelve-month period are in an amount less than the annual shut-in gas well royalties provided for herein, Lessee shall pay an additional sum of money equal to the difference between such compensatory royalties paid and such shut-in gas well royalties within thirty (30) days from the end of such twelve-month period; provided further that nothing herein shall relieve the Lessee of the obligation of reasonable development, nor of the obligation to drill offset wells as required by law.

18. If, at the expiration of the primary term of this lease, production of oil or gas has not been obtained on the leased premises but drilling operations are being conducted thereon in good faith and in a good and workmanlike manner, the Lessee may, on or before the expiration of the primary term, file in the General Land Office written application to the Commissioner of the General Land Office for a thirty (30) day extension of this lease, accompanied by payment of Three Thousand Dollars (\$3,000.00) if this lease covers six hundred forty (640) acres or less and Six Thousand Dollars (\$6,000.00) if this lease covers more than six hundred forty (640) acres and the Commissioner shall, in writing, extend this lease for a thirty (30) day period from and after the expiration of the primary term and so long thereafter as oil or gas is produced in paying quantities; provided further, that Lessee may, so long as such drilling operations are being conducted, make like application and payment during any thirty (30) day extended period for an additional extension of thirty (30) days and, upon receipt of such application and payment, the Commissioner shall, in writing, again extend this lease so that same shall remain in force for such additional thirty (30) day period and so long thereafter as oil or gas is produced in paying quantities, provided, however, that this lease shall not be extended for more than a total of three hundred ninety (390) days from and after the expiration of the primary term unless production in paying quantities has been obtained.

19. In the event this lease covers a riverbed, Lessee is hereby specifically granted the right of eminent domain and condemnation as provided for in Chapter 40, Acts of the Second Called Session of the 42nd Legislature, and amendments thereto, as a part of the consideration moving to Lessor for the covenants herein made by Lessee.

20. In the event this lease covers land leased under the provisions of Chapter 498, Acts of the 47th Legislature, 1941, no surface location on this area may be closer than six hundred sixty (660) feet from the center of any navigable ship channel, and special permission from the Commissioner of the General Land Office will be necessary to make any surface location between six hundred sixty (660) feet and two thousand one hundred sixty (2,160) feet from the center of any such navigable ship channel. Also in such event this lease shall be subject to all rules and regulations promulgated by the Commissioner of the General Land Office, pursuant to Article 5366 V.C.S. and amendments thereto, governing drilling and producing operations in coastal waters.

21. Upon the termination of this lease, for any cause, the Lessee shall not, in any event, be permitted to remove the casing or any part of the equipment from any producing, dry, or abandoned well or wells without the written consent of the Commissioner of the General Land Office or his authorized representative; nor shall Lessee, without the written consent of said Commissioner or his authorized representative, remove from the leased premises the casing or any other equipment, material, machinery, appliances or property owned by the Lessee and used by the Lessee in the development and production of oil or gas therefrom until all dry or abandoned wells have been plugged and until all slush or refuse pits have been properly filled and all broken or discarded lumber, machinery, or debris shall have been removed from the premises to the satisfaction of the said Commissioner or his authorized representative.

22. Should Lessee be prevented from complying with any express or implied covenant of this lease, from conducting drilling operations thereon, or from producing oil and/or gas therefrom, after effort made in good faith, by reason of war, rebellion, riots, strikes, acts of God, 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 for 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 drilling, reworking operations or producing oil and/or gas from the lease premises, provided, however, that nothing herein shall be construed to suspend the payment of rentals during the primary or extended term.

23. The covenants, conditions and agreements contained herein shall extend to and be binding upon the heirs, executors, administrator, successors or assigns of the Lessee herein.

IN TESTIMONY WHEREOF, Witness the signature of the Commissioner of the General Land Office, under the seal there-

of, this 6 day of July, 1971.

ORIGINAL SIGNED

COMMISSIONER OF THE GENERAL LAND OFFICE

Audit MS
Legal 87
Engineering 77
Geology Kuo
Execution [Signature]

DATE JUL 6 1971 BY ga

BOB ARMSTRONG, COMMISSIONER

OIL AND GAS LEASE NO. 66110

NO. 20427

DETACH AND RETAIN FOR YOUR RECORDS

WE ENCLOSE HERewith OUR CHECK PAYABLE TO YOUR ORDER IN FULL PAYMENT OF LEASE RENTAL WHICH IS PAID THE PARTY OR PARTIES NAMED BELOW UNDER THE TERMS OF AN OIL AND GAS LEASE DESCRIBED BELOW FOR THE PERIOD STATED:

State Lease 66110

\$500.00

RECEIVED

JUN 16 1972

General Land Office

AREA Loving, Reeves, Ward-Mentone

LEASE NO. 4211-7

95315

FOR 12 MONTH PERIOD FROM July 6, 1972

ACRES (MORE OR LESS) 100

COUNTY OR PARISH Reeves & Ward

STATE Texas

LEASE DATED July 6, 1971

RECORDED: VOL. 306

PAGE 815 Reeves County

PLEASE STAMP, SIGN, DATE (YOUR RECEIVING DATE) AND RETURN THE ENCLOSED (GREEN) DEPOSIT RECEIPT BY NEXT MAIL IN THE ENCLOSED STAMPED ADDRESSED ENVELOPE.

FOREST OIL CORPORATION
1300 N B C Bldg. San Antonio, Texas 78205

③

LL 66110

Rental Payment

Filed 6-16 1972
BOB ARMSTRONG, COMMISSIONER

YB
Clerk

NO. 23076

DETACH AND RETAIN FOR YOUR RECORDS

WE ENCLOSE HERewith OUR CHECK PAYABLE TO YOUR ORDER IN FULL PAYMENT OF LEASE RENTAL WHICH IS PAID THE PARTY OR PARTIES NAMED BELOW UNDER THE TERMS OF AN OIL AND GAS LEASE DESCRIBED BELOW FOR THE PERIOD STATED:

State Lease 66110

\$500.00

AREA Loving, Reeves, Ward-
Mentone

91414

RECEIVED

LEASE NO. 4211-7

FOR 12 MONTH PERIOD FROM July 6, 1973

JUN 18 1973

ACRES (MORE OR LESS) 100

COUNTY OR PARISH Reeves & Ward

General Land Office

STATE Texas

LEASE DATED July 6, 1971

RECORDED: VOL. 306 Reeves Co.

PAGE 815

PLEASE STAMP, SIGN, DATE (YOUR RECEIVING DATE) AND RETURN THE ENCLOSED (GREEN) DEPOSIT RECEIPT BY NEXT MAIL IN THE ENCLOSED STAMPED ADDRESSED ENVELOPE.

FOREST OIL CORPORATION
1300 N B C Bldg. San Antonio, Texas 78205

④

M.F.

66110

Rental Payment

Filed 6-18 19 73

BOB ARMSTRONG, COMMISSIONER

MS

Clerk

Vertical
ASSIGNMENT

From: Legal Division
To: Mineral Accounting Section
Re: Mineral File (s) _____

M-66110

Please note the assignment of the captioned lease (s) as follows:

BY Forest Oil
Corporation

TO Below named parties
Dated 10-19-73
Covering 34 acres

Remarks: Assigned to:

Huff Oil Corporation
.219-876-218

El Paso Natural Gas
.219-876-218

Clayton W. Williams, Jr.
1006-613-465

M. McDonnell, Jr., Trustee
.001-608-174

Date 1-30-1974 By [Signature]

327 PAGE 389

FILE NO. 5074 FOREST OIL CORP. TO GULF OIL CORP., ET AL
PARTIAL ASSIGNMENT OF OIL AND GAS LEASE

THE STATE OF TEXAS X
 X
COUNTIES OF X KNOW ALL MEN BY THESE PRESENTS:
 X
REEVES AND WARD X

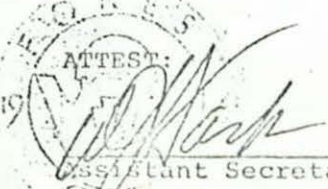
THAT, for and in consideration of the sum of Ten and No/100 (\$10.00) Dollars and other good and valuable considerations, the receipt and sufficiency of which is hereby acknowledged, Forest Oil Corporation, Assignor, does hereby BARGAIN, SELL, TRANSFER, ASSIGN and CONVEY, without warranty of title, either express or implied, unto the following named Assignees, the decimal interest shown opposite the name of each party Assignee, viz:

Gulf Oil Corporation	.219-876-218
El Paso Natural Gas Company	.219-876-218
Clayton W. Williams, Jr.	.006-613-465
M. McDonnold, Jr., Trustee	.001-608-174

in and to that certain Oil and Gas Lease (No. 66110) between the State of Texas, Lessor, and Forest Oil Corporation, Lessee, recorded in Volume 306, page 815, Oil & Gas Lease Records, Reeves County, Texas, and in Volume 350, page 290, Deed Records, Ward County, Texas, insofar only as said lease covers the following described land, to-wit:

That portion of the Pecos River, Reeves and Ward Counties, Texas, bounded on the Northwest by a Southwesterly extension of the Northwest line of Section 70, Block 33, H&TC Ry. Co. Survey, Loving and Ward Counties, Texas, and bounded on the Southeast by a Southwesterly extension of the Southeast line of Section 67, Block 33, H&TC Ry. Co. Survey, Loving and Ward Counties, Texas, containing 34 acres, more or less.

IN WITNESS WHEREOF, this instrument is executed the 19th day of October, 1973.

ATTEST:

Assistant Secretary

FOREST OIL CORPORATION 

By: 
Vice President

RECEIVED

JAN 29 1974

General Land Office

THE STATE OF TEXAS X
COUNTY OF BEXAR X

BEFORE ME, the undersigned authority, on this day personally appeared C. W. Ledebur, known to me to be the person whose name is subscribed to the foregoing instrument, as Vice President of FOREST OIL CORPORATION, a corporation, and acknowledged to me that he executed the same for the purposes and consideration therein expressed, in the capacity stated, and as the act and deed of said corporation.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this the 19th day of October, 1973.



Pat Carlson
Notary Public in and for
Bexar County, Texas

3149

THE STATE OF TEXAS } COUNTY OF WARD	I, MARY M. CHILDS, Clerk of the County Court in and for said County,
do hereby certify that the foregoing <u>Ex. Assnt.</u>	
dated the <u>19</u> day of <u>Oct.</u> , 19 <u>73</u> , with its certificate of authentication, was filed for	
Record in my office, the <u>23</u> day of <u>Oct.</u> , 19 <u>73</u> , at <u>10:00</u> o'clock <u>AM</u> .	
and duly Recorded the <u>23</u> day of <u>Oct.</u> , 19 <u>73</u> , at <u>11:30</u> o'clock <u>AM</u> .	
In <u>Assignment</u> Record of said County, in Vol. <u>376</u> on Pages <u>4-5</u> .	
WITNESS my hand and the seal of the County Court of said County, at offices in Monahans, Texas, the day and year last above mentioned.	
By <u>Clarence Justice</u> Deputy	MARY M. CHILDS, Clerk, County Court, Ward County

Filed for record on the 20th day of December A.D. 1973 at 1:00P M.

Duly recorded on the 26th day of December A.D. 1973 at 11:30A M.

By Clarence Justice DEPUTY

CATHERINE ASHLEY, County Clerk,
Reeves County, Texas.

THE STATE OF TEXAS

§

COUNTY OF REEVES

§

I, CATHERINE ASHLEY, Clerk of the County Court
of Reeves County, Texas do hereby certify that the foregoing is a true and correct
copy of the original PARTIAL ASSIGNMENT OF OIL AND GAS LEASE from Forest Oil Co.
to Gulf Oil Corporation et al, as the same appears of record in my office in book
327 page 389 of the OIL& GAS RECORDS.

GIVEN under my Hand and Seal of said Court, at office in Pecos, Texas
this 24th day of January 1974

CATHERINE ASHLEY, County Clerk

BY


Linda Gray

DEPUTY

(13)
M 66110
Assignment
File Dated 1-29-74 "
Bob Armstrong, Commissioner
(for information purposes only)

RECEIVED

JAN 29 1974

FOREST OIL CORPORATION

General Land Office



Forest Oil Building, Midland, Texas 79701

January 28, 1974

P4-6723 WT/Loving-Reeves-Ward
Mentone
L.4211-7 State Oil and Gas
Lease No. 66110 covering 100
Acres of Pecos River, Reeves
and Ward Counties, Texas

Honorable Bob Armstrong
Commissioner of General Land Office
Austin, Texas 78711

4

Dear Sir:

Enclosed is certified copy of Partial Assignment of Oil and Gas Lease dated October 19, 1973 from Forest Oil Corporation to Gulf Oil Corporation et al in connection with State Lease No. 66110.

Please charge our Account No. 20 for filing costs in this connection.

Yours very truly,

FOREST OIL CORPORATION

Robert J. Castor

Robert J. Castor
District Landman

RJC:wh
Enclosure

(14)

M. F. 66110

CORRESPONDENCE FILE

~~To~~ Forest Hill Corp.

From

Dated 1-29-74

January 30, 1974

Forest Oil Corporation
Forest Oil Building
Midland, Texas 79701

Attention: Mr. Robert J. Castor

Re: Partial Assignment of State Lease No. M-66110
Reeves and Ward Counties, Texas

Gentlemen:

This will acknowledge receipt of your letter of January 8, 1974 with enclosure of a certified copy of the captioned Assignment.

The Assignment was executed on October 19, 1973 and a certified copy thereof was received in this office on January 29, 1974. Under Article 5362 R.C.S. and Paragraph 12 of the lease, a certified copy of a transfer must be filed in this office within 90-days of the execution date. Inasmuch as the Assignment was not timely submitted within the 90-day period and was not certified to by the County Clerk of Ward County, we may not file the same. We will, however, retain the Assignment for information purposes only.

If you wish to submit a certified copy of a current Assignment in lieu of the out-dated instrument, we shall be pleased to file the same officially upon timely receipt of such. Same should be certified to in both Counties.

Sincerely yours,

Bob Armstrong

By:

V. C. Morelle, Attorney

VCM/alm

(15)

M. F. 66110

CORRESPONDENCE FILE

TO

Forestal Corp.

~~FROM~~

Dated 1-30-74

ASSIGNMENT

From: Legal Division
To: Mineral Accounting Section
Re: Mineral File (s) 66110

Please note the assignment of the captioned lease (s) as follows:

BY Forest Oil Corporation

TO _____

Remarks:

Assigns 34 acres out of 100 acre
lease of Pecos River bed to
Gulf Oil Corp. - 219-876-218
El Paso Nat Gas Co. - 219-876-218
Clayton W. Williams, Jr. - 006-613-465
M. McDonald, Jr., Jr. - 001-608-174

Assignment is simply of a
decimal interest.

Date Feb. 29 1974 By LYB

PARTIAL ASSIGNMENT OF OIL AND GAS LEASE

THE STATE OF TEXAS X
 X
COUNTIES OF X KNOW ALL MEN BY THESE PRESENTS:
 X
REEVES AND WARD X

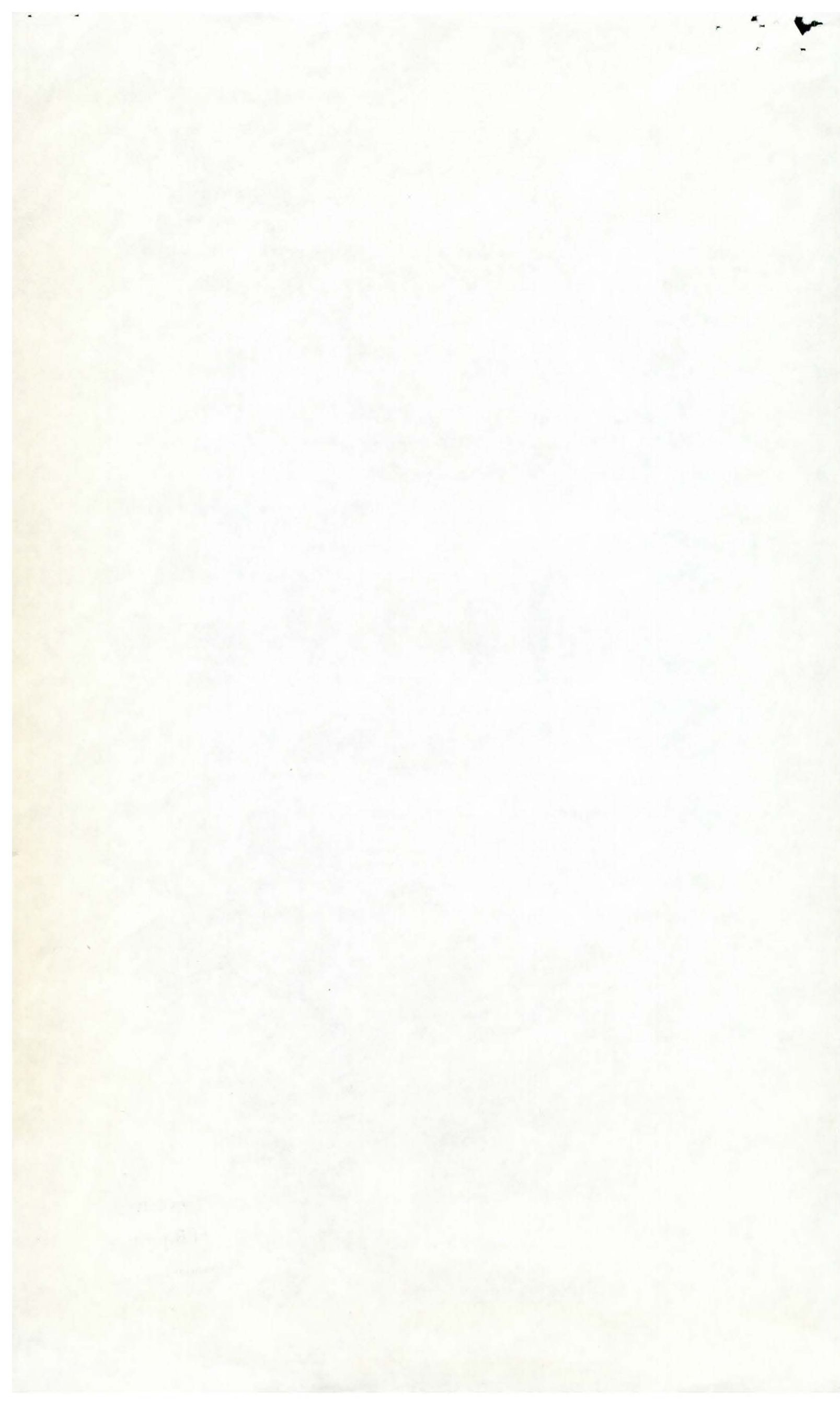
THAT, for and in consideration of the sum of Ten and No/100 (\$10.00) Dollars and other good and valuable considerations, the receipt and sufficiency of which is hereby acknowledged, Forest Oil Corporation, Assignor, does hereby BARGAIN, SELL, TRANSFER, ASSIGN and CONVEY, without warranty of title, either express or implied, unto the following named Assignees, the decimal interest shown opposite the name of each party Assignee, viz:

Gulf Oil Corporation	.219-876-218
El Paso Natural Gas Company	.219-876-218
Clayton W. Williams, Jr.	.006-613-465
M. McDonnold, Jr., Trustee	.001-608-174

in and to that certain Oil and Gas Lease (No. 66110) between the State of Texas, Lessor, and Forest Oil Corporation, Lessee, recorded in Volume 306, page 815, Oil & Gas Lease Records, Reeves County, Texas, and in Volume 350, page 290, Deed Records, Ward County, Texas, insofar only as said lease covers the following described land, to-wit:

That portion of the Pecos River, Reeves and Ward Counties, Texas, bounded on the Northwest by a Southwesterly extension of the Northwest line of Section 70, Block 33, H&TC Ry. Co. Survey, Loving and Ward Counties, Texas, and bounded on the Southeast by a Southwesterly extension of the Southeast line of Section 67, Block 33, H&TC Ry. Co. Survey, Reeves and Ward Counties, Texas, containing 34 acres, more or less.

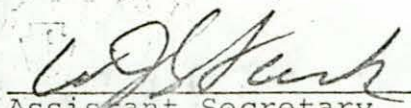
RECEIVED
FEB 12 1974
General Land Office



This instrument is executed and delivered in lieu of and in substitution for that certain Partial Assignment of Oil and Gas Lease dated October 19, 1973, covering and affecting the above described lease and lands and recorded in Volume 376, pages 4-5, Assignment Records of Ward County, Texas, and in Volume 327, page 389, Oil and Gas Records, Reeves County, Texas.

IN WITNESS WHEREOF, this instrument is executed the 5th day of February, 1974.

ATTEST:


Assistant Secretary

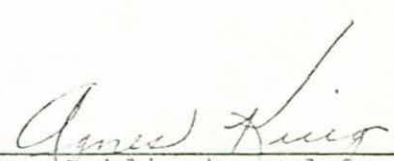
FOREST OIL CORPORATION

By: 
Vice President *lwm*

THE STATE OF TEXAS X
 X
COUNTY OF BEXAR X

BEFORE ME, the undersigned authority, on this day personally appeared C. W. LEDEBUR, known to me to be the person whose name is subscribed to the foregoing instrument, as Vice President of FOREST OIL CORPORATION, a corporation, and acknowledged to me that he executed the same for the purposes and consideration therein expressed, in the capacity stated, and as the act and deed of said corporation.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this the 5th day of February, 1974.


Notary Public in and for
Bexar County, Texas

RECEIVED
FEB 12 1974
General Land Office

RECEIVED
FEB 19 1974

General L



THE STATE OF TEXAS |

COUNTY OF WARD | I, MARY M. CHILDS, Clerk of
the County Court, in and for Ward County, do hereby
certify that the foregoing is a true and correct
copy of PARTIAL ASSIGNMENT

dated the 5 day of Feb., 1974, with
its certificates of authentication which was filed for
record in my office, the 8 day of Feb.
1974, at 10:45 o'clock A.M. File No. 426
and duly recorded in Assignment Record of said
County.

Witness My Hand and seal of the County Court of
said County, Monahans, Texas, the day and year last
above written.

MARY M. CHILDS, Clerk
County Court, Ward County, Texas

By

Mitch Jordan
Deputy.



RECEIVED

FEB 12 1974

General Land Office

16A

M 66110

Assignment

File Dated

2-12-74

Bob Armstrong, Commissioner

RECEIVED AS STATED

#3.00

DATE

3-1-74

Reg. No.

FF-565

GENERAL LAND OFFICE

E 503—CERTIFICATE OF TRUE COPY OF PAPERS RECORDED—Class 1.

FOR SALE BY STAFFORD-LOWDON CO. FORT WORTH 59579

(Arts. 6600-6625-6634, R. S. 1925)

Texas Standard Form

THE STATE OF TEXAS

County of REEVES

I, CATHERINE ASHLEY, Clerk

of the COUNTY Court of REEVES County, Texas, do hereby certify that

the foregoing is a true and correct copy of the original PARTIAL ASSIGNMENT OF OIL AND GAS LEASE

FOREST OIL CORPORATION TO GULF OIL CORPORATION ET AL filed under file no. 430 to be

recorded in the Oil & Gas Lease records of Reeves County, Filed 2-8-74 11:40 AM

as the same appears of record in my office in book XXXXXXXXXXXX page

Given under my Hand and Seal of said Court, at office in PECOS, TEXAS

this 8th day of FEBRUARY 1974

CATHERINE ASHLEY Clerk,

By Linda Gray Deputy.

NO. 21111

WE ENCLOSE HERewith OUR CHECK PAYABLE TO YOUR ORDER IN FULL PAYMENT OF LEASE RENTAL WHICH IS PAID THE PARTY OR PARTIES NAMED BELOW UNDER THE TERMS OF AN OIL AND GAS LEASE DESCRIBED BELOW FOR THE PERIOD STATED:

State Lease 66110

\$450.00

*Rec'd
6-17-74
SJO*

AREA Loving, Reeves, Ward-Mentor

LEASE NO. 4211-7

FOR 12 MONTH PERIOD FROM July 6, 1974

ACRES (MORE OR LESS) 90**

COUNTY OR PARISH Reeves & Ward

STATE Texas

LEASE DATED July 6, 1971

RECORDED: VOL. 306 Reeves Co.

PAGE 815

**All that part of lease outside Rainbow State Gas
Unit #1.

121
106353

PLEASE STAMP, SIGN, DATE (YOUR RECEIVING DATE) AND RETURN THE ENCLOSED (GREEN) DEPOSIT RECEIPT BY NEXT MAIL IN THE ENCLOSED STAMPED ADDRESSED ENVELOPE.

FOREST OIL CORPORATION
1300 N B C Bldg. San Antonio, Texas 78205

(16) M.F. 66110

Rental Payment

Filed 6-17 1974
BOB ARMSTRONG, COMM. CLERK

718
Clerk



FOREST OIL CORPORATION

Forest Oil Building - Midland, Texas 79701

February 11, 1974

P4-6723 WT/Loving-Reeves-Ward -
Mentone L.4211-7
State Oil and Gas Lease No. 66110
covering 100 Acres of Pecos River,
Reeves and Ward Counties, Texas

Honorable Bob Armstrong
Commissioner of General Land Office
Austin, Texas 78711

Dear Sir:

At your earliest convenience please file the enclosed certified copy of Partial Assignment of Oil and Gas Lease dated February 5, 1974, from Forest Oil Corporation to Gulf Oil Corporation et al in connection with State Lease No. 66110.

Please charge our Account No. 20 for filing costs in this connection.

Yours very truly,

FOREST OIL CORPORATION

Dalford Jackson

Dalford Jackson
District Landman

DJ:wh
Enclosure

RECEIVED
FEB 12 1974
General Land Office

(12)

M. F. 66110

CORRESPONDENCE FILE

To Fleet Air Corp.
From

Dated 2-11-24

March 1, 1974

Forest Oil Corporation
Forest Oil Building
Midland, Texas 79701

Attention: Mr. Dalford Jackson

Re: State Lease No. M-66110
Tract 8, Pecos River
Reeves and Ward Counties, Texas

Gentlemen:

The certified copy of the Oil and Gas Lease Assignment affecting the above captioned tract has been filed in our records.

We have charged your Account No. 26 with \$3.00 to cover the filing fee due on the Assignment and our Invoice No. FF- 565, showing this charge, is enclosed herewith.

Sincerely yours,

Bob Armstrong

By:

Lewis J. Bundrant, Attorney

LJB/alm

18

M. F. 66110

CORRESPONDENCE FILE

To Forest Hill Corp.
FROM

Dated 3-1-74

June 11, 1975

Forest Oil Corporation
c/o Wallace H. Scott
609 City National Bank Bldg.
Austin, Texas

Re: Dolly Varden Unit
Vermejo Field
Loving & Ward Counties
M-66110

Dear Mr. Scott:

Enclosed is the captioned unit agreement, fully executed by the Commissioner of the General Land Office. A copy has been retained for our files.

If we may be of further service, please advise.

Sincerely,

Bob Armstrong

By

H. E. White, Secretary
School Land Board
Phone 512 475-6491

HEW/lf
Enclosure

(22)

M-66110

Ltr to

Forest oil corp.
dated 6-11-75 ga

DO NOT DESTROY

1053

-MEMO-

Inact 10-1-05

Operator Forest Oil Corp. *CFB*

Unit Name Dolly Varden

County Reeves & Ward

Effective Date 6-11-75

Unitized for: Oil Gas X Oil & Gas

1. M.F. No. 66110

Area Tr.

Sec. Blk. Survey

8/64x .0123456x 1/4 .0020576 %

2. M.F. No.

Area Tr.

Sec. Blk. Survey

 x %

3. M.F. No.

Area Tr.

Sec. Blk. Survey

 x %

4. M.F. No.

Area Tr.

Sec. Blk. Survey

 x %

REMARKS:

Prepared by CW Entered Unit Book

POOLING COMMITTEE REPORT

Unit # 1053
Inactive
eff 10-1-05
CJB

TO: SCHOOL LAND BOARD

DATE: May 29, 1975

APP. S.L.B. 6-3-75
(6-11-75)

OPERATOR: Forest Oil Corporation

COUNTY: REEVES ~~WCS~~
(Loving) & Ward

UNIT NAME: Dolly Varden

FIELD: Vermejo

FILE NUMBER	TOTAL ACRES	ACRES IN UNIT
M-66110	100	8

Unitized for:

Kind of land:

Oil _____
Gas X - Below 10,500'
Oil and Gas _____

State Owned X - Riverbed
Relinquishment Act _____
Free Royalty _____

Size of Unit 648 Acres
State owned 8 Acres
Privately owned 640 Acres

Well location:
State land _____
Private land X

Participation:

Railroad Commission Field Rules:

Basis Surface Acreage
Royalty 1/6

Spacing 640 + 10%
Well factor _____
Acreage factor 100%

Agrees to drill to density of field rules: Yes X No _____
Holds only acreage included in unit past
primary term: Yes X No _____
Satisfactory geological data furnished: Yes X No _____

REMARKS: This operator is requesting gas pooling which would include a part of their Pecos River State lease. The School Land Board has previously approved 4 gas units for this operator.

The unit well is at total depth in the Ellenburger and has tested the Fusselman for 16.3 MMCF.

APPROVAL: Recommended X

Not Recommended _____

Linward Shivers
Linward Shivers

Jack M. Howard
Jack M. Howard

620
copy

UNITIZATION AGREEMENT
AND
DECLARATION OF POOLED UNIT

THIS AGREEMENT is entered into this the 23rd day of August, 1974, by and between BOB ARMSTRONG, The Commissioner of the General Land Office on behalf of the State of Texas, hereinafter called "State", FOREST OIL CORPORATION, EL PASO NATURAL GAS COMPANY, GULF OIL CORPORATION, ~~RIO~~ BRAVO (formerly Rio Bravo Oil Company) OIL COMPANY, /M. McDONNOLD, JR., TRUSTEE, and CLAYTON W. WILLIAMS, JR., in consideration of the mutual agreements hereinafter set forth and other valuable considerations, the receipt and sufficiency of which are hereby acknowledged, and for the purposes and upon the terms and conditions which follow:

I.

This agreement is made for the purpose of conservation and utilization of the pooled mineral to prevent waste, to facilitate orderly development, to preserve correlative rights, and to declare a pooled unit; to such ends it is the purpose of this agreement to effect equitable participation within the unit formed hereby. This agreement is intended to be performed pursuant to and in compliance with all applicable statutes, decisions, regulations, rules, orders and directives of any governmental agency having jurisdiction over the production and conservation of the pooled mineral and in the interpretation and application shall, in all things, be subject thereto.

II.

The pooled unit shall consist of 640 acres constituting the entirety of Section 69, Block 33, H&TC Ry. Co. Survey, Loving and Ward Counties, Texas, and that portion of the Pecos River, Reeves and Ward Counties, Texas, bounded on the Northwest

by a Southwesterly extension of the Northwest line of Section 69, Block 33, H&TC Ry. Co. Survey, Loving and Ward Counties, Texas, and bounded on the Southeast by a Southwesterly extension of the Southeast line of Section 69, Block 33, H&TC Ry. Co. Survey, Loving and Ward Counties, Texas, containing approximately 8.0 acres. The aggregate total unit acres included in the unit formed hereby is approximately 648.0 acres. The land under which the State of Texas ("State") owns all the minerals subject to an Oil and Gas Lease described as No. 1 on Exhibit "A" attached and made a part hereof contains approximately 100 acres, only a portion (approximately 8.0 acres) of which is included in the pooled unit. The other mineral lease which is included within the pooled unit is also listed on the attached Exhibit "A" with the corresponding pooled land covered by such lease. Both leases and the records thereof in the Public Records are referred to for all purposes.

III.

The mineral pooled and unitized hereby shall be the gas (including any condensate, distillate and other liquid hydrocarbons produced in connection with gas) found below the top of the Wolfcamp formation expected to be encountered at a depth of 10,500 feet beneath the surface of said pooled unit.

IV.

The parties hereto commit all of their interests which are within the unit to the extent as above described into said pooled unit and unitize and pool hereunder the separate tracts described in said Exhibit "A" for and during the term hereof so that such pooling or unitization shall have the following effect.

- (a) The unit to the extent as above described shall be operated as an entirety for the exploration, development, and production of the pooled mineral rather than as separate tracts;

- (b) all drilling operations, reworking, or other operations with respect to the pooled mineral on land within the unit shall be considered as though the same were on each separate tract in the unit, regardless of the actual location of the well or wells thereon, for all purposes and the terms of the respective leases or other contracts thereon in this agreement;
- (c) production of the pooled mineral from the unit allocated to each separate tract, respectively, as hereinafter provided, shall be deemed to have been produced from each such separate tract in the unit, regardless of the actual location of the well or wells thereon, for all purposes under the terms of the respective leases or other contracts thereon in this agreement;
- (d) all rights to the production of the pooled mineral from the unit, including royalties and other payments shall be determined and governed by the lease or other contract pertaining to each separate tract, respectively, based upon the production so allocated to such tract only and in lieu of the actual production of the pooled mineral therefrom;
- (e) a shut-in gas well located upon any lease included within said unit shall be considered as a shut-in gas well located upon each lease included within said unit, provided, however, that shut-in gas well royalties due the State under the lease listed as No. 1 on Exhibit "A" hereof shall be paid to the State under the terms of such lease as though such shut-in gas well were located on the land

covered by such lease and shown on Exhibit "A" hereof, it being agreed that the State's share of the shut-in royalties payable under such lease shall be paid to the State and shall not be shared with lessors under the other tracts committed to this unit or otherwise diminished by reason of this agreement;

- (f) there shall be no obligation to drill internal offsets to any other well on separate tracts within the unit nor to develop the tracts separately as to the pooled mineral, except as provided herein;
- (g) notwithstanding any other provision hereof, it is expressly agreed that the leases listed on Exhibit "A" hereof may be maintained in force as to areas lying outside the pooled unit only as provided in such lease without regard to unit operations or unit production. Neither production of the pooled mineral, nor unit operations with respect thereto, nor the payment of shut-in royalties from a unit gas well, shall serve to hold such lease in force as to any area outside the pooled unit, regardless of whether the production or operations in the unit are actually located on such lease or not. "Area" as used in this paragraph shall be based on surface acres to the end that the area inside the pooled unit, if held, will be held as to all depths and horizons;
- (h) if the Railroad Commission of Texas (or any other regulatory body having jurisdiction) should adopt field rules providing for gas units of less than the acreage contained in the unit herein created,

then either (1) the unit will be reformed to comply with Railroad Commission Unit Rules, (2) the unit will be drilled to the density permitted by the Railroad Commission or (3) compensatory royalty will be paid to the State of Texas on the basis of its tracts included in the unit;

- (i) this agreement shall not negate the duty of protecting the above described leases from drainage from any well situated on privately owned land, but subject to such obligation, the allowable for the entire unit as fixed by the Railroad Commission of Texas or other lawful authority may be produced from any one or more wells completed thereon;
- (j) should this agreement terminate, for any cause, in whole or in part, the leases and other contracts affecting the land within the unit, if not then otherwise maintained in force and effect, shall remain and may be maintained in force and effect under their respective terms and conditions in the same manner as though there had been production or operations under said lease or contract, and the same had ceased on the date of termination of this agreement.

V.

For the purpose of computing the royalty payable on production of the pooled mineral, there shall be allocated to each lease and mineral tract committed to the above described unit that pro rata portion of the pooled mineral produced from the pooled unit which the number of surface acres covered by each such lease or mineral tract and committed to the unit bears to the total number of surface acres included in the pooled unit.

VI.

This agreement shall become effective as of the date it is filed in the County Records of Loving, Ward and Reeves, Counties, Texas.

VII.

This agreement shall remain in effect as long as the pooled mineral is being produced hereunder, or so long as drilling or reworking operations are being prosecuted on the pooled unit with no more than sixty (60) days between cessation of either production or such operations and the beginning or resumption of either of them, as the case may be from time to time thereafter, or so long as all existing leases covering the pooled mineral are maintained in force insofar as they cover the pooled unit by payment or tender of shut-in gas well royalties, or by other means, in accordance with the terms of said leases.

VIII.

Insofar as the royalty interest of the State of Texas in and under any tract committed to the unit is concerned, this agreement is entered into, made and executed by the undersigned Commissioner of the General Land Office by virtue of the authority and pursuant to the provisions of Article 5382c, Vernon's Annotated Civil Statutes of Texas, authorizing the same after the prerequisites, findings and approval hereof, as provided in said Statute, having been duly considered, made and obtained.

IX.

The unit created by this agreement may be dissolved by the working interest owners in the unit by an instrument filed for record in Loving, Ward and Reeves Counties, Texas, and a certified copy thereof filed in the General Land Office, at any time after the cessation of production or the cessation of operations on said unit, or in the event a well on said unit is completed as a dry hole.

X.

All lessees of State lands within this unit shall file monthly affidavits of production with the Unit Operator. Unit Operator shall, in turn, file such affidavits along with monthly consolidated affidavits of production covering separately all oil production and gas production from the Unitized Formation, each of which affidavit shall show on its face or by accompanying schedule the portion of such Unitized Substances that is allocated hereunder to each tract of State land, the disposition of production thereof and the royalty allocated thereto. All such affidavits shall be filed in the General Land Office in the manner provided in the State of Texas Oil and Gas Lease Agreement and in the form prescribed by the General Land Office.

XI.

Upon full and complete execution of this instrument, the owners of all minerals and of all royalty interests in the Unit Area, and all Lessors and Lessees of leases comprising the Unit Area shall have authorized the creation of the pooled unit herein described.

In consideration of the premises and the mutual benefits to be derived herefrom, the undersigned parties, acting pursuant to the terms and provisions of this Unitization Agreement and Declaration of Pooled Unit, and the rules and regulations of the Railroad Commission of the State of Texas in force at the time of execution of this instrument, hereby POOL, COMBINE and UNITIZE the leases and minerals described in Exhibit "A" as to gas rights only, (which term shall include condensate, distillate and other liquid hydrocarbons produced in connection with gas) and as to all depths below the top of the Wolfcamp formation expected to be encountered at 10,500 feet below the surface, to form a Unit comprising the land set out in Exhibit "A" attached hereto, containing approximately 648.0 acres.

XII.

Notwithstanding anything contained herein to the contrary, the State may, at its option, upon not less than sixty (60) days notice to Lessee, require that payment of all or any royalties accruing to the State under this pooling or unitization agreement be made in kind, without deduction for the cost of producing, gathering, storing, separating, treating, dehydrating, compressing, processing, transporting and otherwise making the oil, gas and other products produced hereunder ready for sale or use.

This instrument may be executed in any number of counterparts, no one of which needs to be executed by all parties, and shall be binding upon all those parties who have executed such a counterpart with the same force and effect as if all such parties had signed the same instrument.

Approved
Audit CO
Legal Van
Geology JS
Execution JS
Engineering JS

Date 6-11-75

Bob Armstrong
Bob Armstrong, Commissioner of
the General Land Office of the
State of Texas

ATTEST:

W.E. Morris SECRETARY
Date NOV 4 - 1974

~~BR~~ BRAVO OIL COMPANY

By: A.H. Olson

ATTEST:

W.G. Stark
Assistant Secretary
Date August 23, 1974

FOREST OIL CORPORATION

By: W. G. Stark WMB
Vice President

ATTEST:

Chas. M. Jones
Assistant Secretary
Date NOV 20 1974

EL PASO NATURAL GAS COMPANY

By: T.W. Butcher AT
Assistant Vice President

ATTEST:

Date _____

GULF OIL CORPORATION

By: W.B. Hopkins
Attorney-in-Fact 197

Date January 9, 1975

M. M. McDonold, Jr., Trustee
M. McDonold, Jr., Trustee

Date _____

Clayton W. Williams, Jr.
Clayton W. Williams, Jr.

CERTIFICATE

I, H. E. White, Secretary of the School
Land Board of the State of Texas, do hereby certify that at a
meeting of the School Land Board duly held on the 3rd day
of June, 197⁵4, the foregoing instrument was
presented to and approved by said Board under the provisions of
Article 5382c, V.C.S., all of which is set forth in the minutes
of the Board of which I am custodian.

IN WITNESS WHEREOF, witness my hand this the 6th day
of June, 197⁵4.

H. E. White
Secretary of the School Land Board

THE STATE OF TEXAS X
COUNTY OF Travis X

BEFORE ME, the undersigned authority, on this day personally appeared BOB ARMSTRONG, Commissioner of the General Land Office of the State of Texas, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE on this the 11th day of June, 1974.5



Linda M. Fisher
Notary Public in and for
Travis County, Texas

THE STATE OF TEXAS X
COUNTY OF HARRIS X

BEFORE ME, the undersigned authority, on this day personally appeared C. H. NELSON, ~~Vice President~~ President of BRAVO OIL COMPANY, known to me to be the person and officer whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed, as the act and deed of said corporation, and in the capacity therein stated.

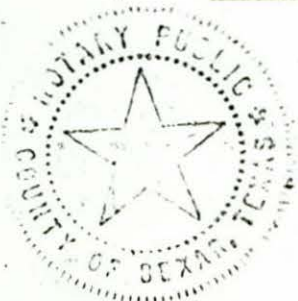
GIVEN UNDER MY HAND AND SEAL OF OFFICE on this the 4 day of November, 1974.

M. D. Motley
Notary Public in and for
HARRIS County, Texas.
M. D. Motley
JUN 1 1975
My Commission Expires

THE STATE OF TEXAS X
COUNTY OF BEXAR X

BEFORE ME, the undersigned authority, on this day personally appeared C. W. LEDEBUR, Vice President of FOREST OIL CORPORATION, known to me to be the person and officer whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed, as the act and deed of said corporation, and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE on this the 23rd day of August, 1974.

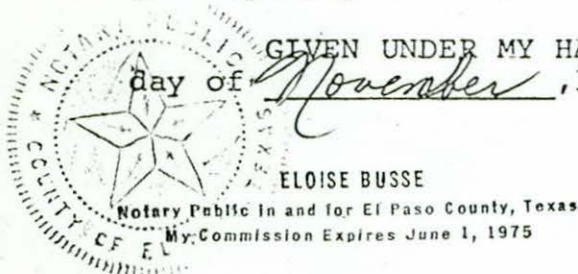


James King
Notary Public in and for
Bexar County, Texas

THE STATE OF TEXAS X
COUNTY OF EL PASO X

BEFORE ME, the undersigned authority, on this day personally appeared T. W. BITTICK, Assistant Vice President of EL PASO NATURAL GAS COMPANY, known to me to be the person and officer whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same for the purposes and consideration therein expressed, as the act and deed of said corporation, and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE on this the 20 day of November, 1974.



ELOISE BUSSE

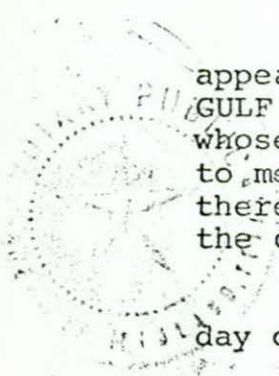
Notary Public in and for El Paso County, Texas

Eloise Busse
Notary Public in and for
El Paso County, Texas

THE STATE OF TEXAS X
COUNTY OF Midland X

BEFORE ME, the undersigned authority, on this day personally appeared W. B. HODKINS, President of GULF OIL CORPORATION, known to me to be the person and officer whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same for the purposes and consideration therein expressed, as the act and deed of said corporation, and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE on this the 7 day of October, 1974.



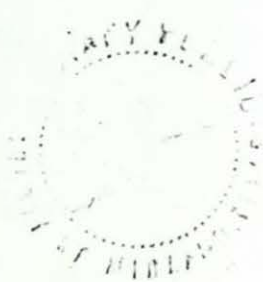
Emily Jones
Notary Public in and for
Midland County, Texas

THE STATE OF TEXAS X
COUNTY OF Midland X

BEFORE ME, the undersigned authority, on this day personally appeared M. McDONNOLD, JR., TRUSTEE, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same for the purposes and consideration therein expressed, and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this the 9th day of January, 1975.

Bonnie Jones
Notary Public in and for
Midland County, Texas



THE STATE OF TEXAS X
COUNTY OF Pecos X

BEFORE ME, the undersigned authority, on this day personally appeared CLAYTON W. WILLIAMS, JR., known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same for the purposes and consideration therein expressed, and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this the 31st day
of December, 1974.



Nancy Jackson NANCY JACKSON
Notary Public in and for
Pecos County, Texas

EXHIBIT "A"

Attached to and made a part of Unitization
Agreement and Declaration of Pooled Unit
dated the 23rd day of August , 1974

LAND DESCRIPTION OF UNIT AREA:

Tract 1 - That portion of Tract 8, Pecos River, Reeves and Ward Counties, Texas, bounded on the Northwest by a Southwesterly extension of the Northwest line of Section 69, Block 33, H&TC Ry. Co. Survey, Loving and Ward Counties, Texas, and bounded on the Southeast by a Southwesterly extension of the Southeast line of Section 69, Block 33, H&TC Ry. Co. Survey, Loving and Ward Counties, Texas, containing approximately 8.0 acres.

Tract 2 - Section 69, Block 33, H&TC Ry. Co. Survey, Loving and Ward Counties, Texas, containing approximately 640.0 acres,

containing an aggregate total unit acres of 648.0 acres, more or less.

I. LEASE CONTRIBUTED BY FOREST OIL CORPORATION insofar as same covers Tract 1 above:

Oil and Gas Lease (No. 66110) dated July 6, 1971, between the State of Texas, Lessor, and Forest Oil Corporation, Lessee, recorded in Volume 306, page 815, Oil and Gas Lease Records, Reeves County, Texas, and in Volume 350, page 290, Deed Records, Ward County, Texas.

II. LEASE CONTRIBUTED BY FOREST OIL CORPORATION insofar as same covers Tract 2 above:

Oil, Gas and Mineral Lease dated July 26, 1973, between Gulf Oil Corporation, Lessor, and Forest Oil Corporation, Lessee, recorded in Volume 40, page 127, Oil and Gas Lease Records, Loving County, Texas, and recorded in Volume 380, page 522, Deed Records, Ward County, Texas.

III. MINERALS CONTRIBUTED BY GULF OIL CORPORATION insofar as same underlie Tract 2 above:

Mineral Deed dated July 7, 1965, between The Midland National Bank, Trustee, as Grantor, and Gulf Oil Corporation, as Grantee, recorded in Volume 35, page 364, Deed Records, Loving County, Texas, and recorded in Volume 284, page 225, Deed Records, Ward County, Texas, insofar as said Mineral Deed covers Section 69, Block 33, H&TC Ry. Co. Survey, Loving and Ward Counties, Texas, as to the rights below the subsurface depth of 5700 feet only.

IV. ROYALTY CONTRIBUTED BY GULF OIL CORPORATION insofar as same relates to Tract 2 above:

One-Quarter (1/4) royalty interest reserved in Oil, Gas and Mineral Lease dated July 26, 1973, between Gulf Oil Corporation, Lessor, and Forest Oil Corporation, Lessee, recorded in Volume 40, page 127, Oil and Gas Lease Records, Loving County, Texas, and recorded in Volume 380, page 522, Deed Records, Ward County, Texas.

V. ROYALTY CONTRIBUTED BY ~~THE~~ BRAVO OIL COMPANY insofar as same relates to Tract 2 above:

One-Sixth (1/6) free non-participating royalty interest excepted from Mineral Deed dated July 7, 1965, between The Midland National Bank, Trustee, as Grantor, and Gulf Oil Corporation, as Grantee, recorded in Volume 35, page 364, Deed Records, Loving County, Texas, and recorded in Volume 284, page 225, Deed Records, Ward County, Texas.

69

FOREST OIL CORPORATION

H.M. BODDY-STATE

68

FOREST OIL CORP.

53

54

FOREST OIL CORP. 70

1

640 AC.

BROOK-STATE

FOREST OIL CORP.

LOVING
WARD

289'

1100'

40 AC.

648.0 Acres
Unit Total

RAINBOW-STATE

DOLLY VARDEN

J.C. WILLIAMSON, ET AL.

PECOS RIVER-
FOREST OIL-STATE
8.0 Acres
State Contribution

I, JOS. W. LUCHINI, CERTIFY
THAT THIS SURVEY WAS MADE BY
ME ON THE GROUND AND THAT THIS
PLAT IS TRUE AND CORRECT.

MAR. 20, 1974



LOCATION PLAT

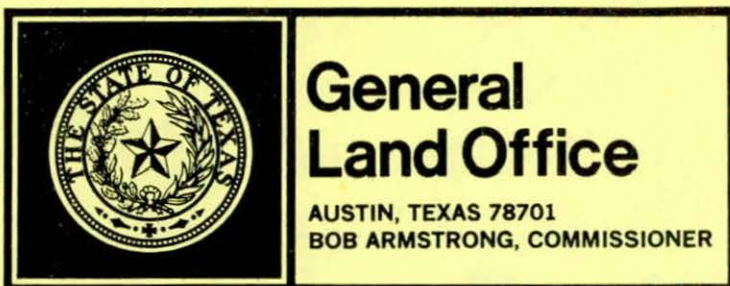
FOREST OIL CORPORATION
DOLLY VARDEN LEASE
SECTION 69, BLOCK 33
H & T C. RR. CO.
WARD-LOVING COUNTIES, TEX.

SCALE: 1" = 1000'

23

M-66110

Unitization Agreement
Dolly Varden Unit
dated 6-11-75 gsd



August 15, 1975

Forest Oil Corporation
1300 National Bank of Commerce Building
San Antonio, Texas 78205

RE: State Lease M-66110
Dolly Varden Unit
Tract 8, Pecos River
Reeves and Ward Counties, Texas
Forest Oil Property No.4-6723-905
Oil & Gas Division Order

Gentlemen:

This letter is issued in lieu of the ordinary form of "Division Order" prepared by the oil companies primarily for execution by the individual royalty owner.

Inasmuch as the statutes provide the royalties the State shall receive, it is felt that it would not be in conformity with the law on the subject for this Division to execute your division order and thereby attempt to bind the State by the provisions contained therein.

This Division, insofar as permitted under the law, acquiesces in the sale of the oil and/or gas to you from this lease, which oil and/or gas shall become your property when the State has been paid for same, as prescribed by law and under the terms and conditions as set out in the lease covering the area in question.

Very truly yours,

Barbara Fry, Attorney
Energy Resources
Phone: 512-475-6749
Enclosure



121
JUL 16 1975
General Land Office
FOREST OIL CORPORATION

1300 National Bank of Commerce Building San Antonio, Texas 78205

July 15, 1975

State of Texas
c/o General Land Office
Austin, Texas 78701

Attention: Honorable Bob Armstrong,
Commissioner

re: Loving/Vermejo
Dolly Varden Unit

Gentlemen:

We are enclosing two copies of our Division Order covering the production from the Dolly Varden Unit located in Loving and Ward Counties, Texas. If you find your interest to be correct please execute one copy of the Division Order and return same to this office.

Yours very truly,

FOREST OIL CORPORATION

WJ Stark
W. J. Stark
Legal Department

WJS:jo
Encls. 2

DIVISION ORDER

RECEIVED

JUL 16 1975

General Land Office

Date July 8, 1975
Property No. 4-6723-905

To: Forest Oil Corporation
1300 National Bank of Commerce Building
San Antonio, Texas 78205

The undersigned, and each of us, as Sellers, severally but not jointly, guarantee and warrant that we are the legal owners in the proportions set out below, of all the oil and gas produced from the Dolly Varden ~~XXXX~~ unit insofar as same covers and includes the following described land in Loving and Ward Counties, XXXX XXXXX State of Texas, viz:

That 648.0 acre unit designated by instrument dated August 23, 1974 between the Commissioner of the General Land Office and Forest Oil Corporation, et al.

Effective as of 7:00 A. M. on the first day of first production, 1975, and until further notice from the undersigned you are authorized to give credit, in the manner set out on Exhibit A hereto, to the undersigned for their respective interests in all of the proceeds derived from the sale of oil and gas from said property, subject, however, to the terms, conditions, covenants and directions herein contained, viz:

1. The term "oil" as used herein is defined to include crude oil, distillate, condensate and all other liquid hydrocarbons; and the word "gas" as used herein is defined to include natural gas, casinghead gas and all other gaseous substances.

2. All oil and gas, or either of them, run in pursuance of this division order shall become the property of Forest Oil Corporation (hereinafter variously called or referred to as "Forest" or as the "Purchaser") upon delivery thereof to it, or to any pipeline or other carrier designated by it.

3. The oil shall be paid for at the market price in effect in the field on dates of delivery, for oil of the same grade and gravity. If, however, the oil should be sold by the Purchaser to another purchaser, settlement therefor shall be based upon the price received by Forest less transportation costs, if any, to the point of sale. Payment for oil purchased hereunder shall be made monthly by mailing or delivering to Sellers or their heirs, legal representatives, successors, or assigns, at the address shown on Exhibit A hereto, Purchaser's check or draft.

4. In making settlements for the interest of the undersigned in the proceeds from the sale of gas, Purchaser is authorized to use the market value at the wells for the gas sold or used off the property (as to all gas sold by Forest, as owner or operator of the oil and gas leasehold estate in the above described land, to a non-affiliated buyer, under a long term gas contract entered into in good faith, the contract price received by Forest shall be conclusively presumed to be the market value at the wells of the gas so sold), or the net proceeds received by Purchaser for the gas sold at the wells. Purchaser is authorized to make a fair and reasonable charge for gathering and transporting the gas and making such gas merchantable, said charge to be deducted from the gross amount received by the Purchaser to determine the market value at the well currently payable as royalty. Payment for gas purchased hereunder shall be made monthly by mailing or delivering to Sellers or their heirs, legal representatives, successors and assigns, at the addresses shown on Exhibit A hereto, Purchaser's check or draft.

5. All claims or demands by any governmental authority on Purchaser for severance, production, occupation or other tax on account of Sellers' interests in the oil or gas run pursuant to this division order may be paid by Purchaser for the account of Sellers, and any taxes so paid by Purchaser for the account of any Seller may be withheld from the proceeds accruing to such Seller hereunder.

6. If any portion of the proceeds derived from the sale of gas is subject to refund under any order, rule or regulation of the Federal Power Commission or the provisions of the Natural Gas Act, Forest may hold without interest the portion of the proceeds subject to refund unless indemnity satisfactory to Forest has been furnished, or until Forest's refund obligation has been finally determined. If any portion of the proceeds derived from the sale of gas and paid over by Forest to the undersigned, is thereafter required to be refunded by Forest under any order, rule or regulation of the Federal Power Commission or the provisions of the Natural Gas Act, Forest is authorized to recover the amount of the refund applicable to the interest of each of the undersigned from future payments, or at Forest's election, it may invoice the undersigned therefor, plus the legal rate of interest Forest is required to pay in connection with the undersigned's portion of the refund.

7. No change in ownership of the oil and gas, or in the proceeds thereof, shall be binding upon Purchaser until it shall have been furnished with satisfactory evidence thereof.

8. If an adverse claim of title should be asserted to the land above described, or to all or any part of the oil and gas delivered hereunder, Purchaser, without liability for the conversion of the oil and gas, and without obligation to pay interest on the amount withheld, may withhold payment of any sums due hereunder until such adverse claim has been settled and determined. If any equitable, reversionary or contingent interest is owned or retained by any party to this division order, such party hereby relieves the Purchaser from any obligation to determine if and when payment for such interest shall commence, agrees to notify Purchaser in writing not more than 30 days prior to the date on which such payment shall commence, and will hold Forest harmless for any erroneous payment of such interest prior to its receipt of said written notification.

9. If the above land is presently within or becomes a part of any drilling or production unit or units established by order or orders of any governmental body having jurisdiction (or in the event any such unit or units be revised by order of any such governmental body) the undersigned agree that this division order is and shall be subject to any such order or orders and that each of them will be entitled to receive their interests, as set forth in Exhibit A hereto, in the production from any such unit or units in accordance with and on the basis fixed by such order or orders.

10. It is agreed that should the proceeds accruing to any interest hereunder amount to less than \$5.00 at any settlement date, Forest may withhold payment, without interest, and, in lieu of the scheduled payments, make payments at annual intervals.

11. This division order shall become valid and binding on each party executing the same as soon as it is signed by such owner, regardless of whether or not any other of the owners listed on Exhibit A hereto has so signed.

WITNESSES:

(Social Security or Owner
Identification Number_____)

(Social Security or Owner
Identification Number_____)

(Social Security or Owner
Identification Number_____)

(Social Security or Owner
Identification Number_____)

Please have signature witnessed by two persons, and please insert correct mailing address on Exhibit A hereto attached.

The Forest leases affected hereby are:_____

RECEIVED - 10/1/12

RECEIVED

EXHIBIT "A"

RECEIVED

JUL 16 1975

General Land Office

TRACT 1 - That portion of Tract 8, Pecos River, Reeves and Ward Counties, Texas, bounded on the Northwest by a Southwesterly extension of the Northwest line of Section 69, Block 33, H&TC Ry. Co. Survey, Loving and Ward Counties, Texas, and bounded on the Southeast by a Southwesterly extension of the Southeast line of Section 69, Block 33, H&TC Ry. Co. Survey, Loving and Ward Counties, Texas, containing approximately 8.0 acres.

Tract Participation 8/648 .012-345-679

Royalty

State of Texas
c/o General Land Office
Austin, Texas 78701
Attn: Honorable Bob
Armstrong, Comm.

1/6 x .012-345-679

.002-057-613 R.I.

Working Interest

Forest Oil Corporation

.552-025-924 x 5/6 x
.012-345-679
Less Exxon 3/16 x
91/4536.2 x 8/648

.005-632-842 W.I.

Gulf Oil Corporation
P. O. Box 1150
Midland, Texas 79701

.219-876-218 x 5/6 x
.012-345-679

.002-262-101 W.I.

El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas 79778

.219-876-218 x 5/6 x
.012-345-679

.002-262-101 W.I.

M. McDonnold, Jr., Trustee
822 Bldg. of Southwest
Midland, Texas 79701

.001-608-175 x 5/6 x
.012-345-679

.000-016-545 W.I.

Clayton W. Williams, Jr.
P. O. Box 1621
Ft. Stockton, Texas 79735

.006-613-465 x 5/6 x
.012-345-679

.000-068-040 W.I.

Exxon Company U.S.A.
P. O. Box 2180
Houston, Texas 77001
Attn: Royalty Payment
Enclosure

3/16 x 91/4536.2 x
.012-345-679

.000-046-437 O.R.R.

RECEIVED
JUL 16 1975

General Land Office

TRACT 2 - Section 69, Block 33, H&TC Ry. Co. Survey, Loving and Ward Counties, Texas, containing approximately 640.0 acres.

Tract Participation	640/648.0	.987-654-321
Bravo Oil Company P. O. Box 1319 Houston, Texas 77001 Annt: Mr. DeWitt C. Dunn, Jr. 1/6 x .987-654-321 .164-609-054 N.P.R.		
Forest Oil Corporation	.552-025-924 x 7/8 x .987-654-321 Less Gulf excess royalty 1/2 (1/4 - 1/8) x .987-654-321 And Exxon interest 3/16 x 91/4536.2 x 640/648	.411-616-074 W.I.
Gulf Oil Corporation P. O. Box 1150 Midland, Texas 79701	.219-876-218 x 7/8 x .987-654-321 = .190-016-485 <u>Plus Royalty</u> A. Operating Agreement 1/8 x 1/2 x 640/648 = .061-728-395 B. Forest Lease 1/4 x 1/2 x 640/648 = .123-456-790 Total .375-201-670 Less Bravo Roy. .164-609-054 Net Gulf Int.	.210-592-616 W.I. O.R.R.
El Paso Natural Gas Co. P. O. Box 1492 El Paso, Texas 79778	.219-876-218 x 7/8 x .987-654-321	.190-016-485 W.I.
M. McDonnold, Jr., Trustee 822 Bldg. of Southwest Midland, Texas 79701	.001-608-175 x 7/8 x .987-654-321	.001-389-781 W.I.
Clayton W. Williams, Jr. P. O. Box 1621 Ft. Stockton, Texas 79735	.006-613-465 x 7/8 x .987-654-321	.005-715-340 W.I.
Exxon Company U.S.A. P. O. Box 2180 Houston, Texas 77001 Attn: Royalty Payment Enclosure	3/16 x 91/4536.2 x .987-654-321	.003-714-971 O.R.R.

28

RF 66110
CORRESPONDENCE FILE

To

DIVISION ORDER

From B. Fry

Dated 8-15-25 rsm

DIST. 8
42 475 30049

OIL AND GAS DIVISION

incl. in Unit

SPS

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

JUN 18 1974

Check one: ☒ DRILL ☐ DEEPEN ☐ PLUG BACK ☐ OTHER (Specify)

1. Operator

Forest Oil Corporation

2. Address (including City and Zip Code)

P. O. Box 1916

Midland, Texas 79701

3. Is Form P-5 (Organization Report) in Exact Operator Name Filed?

YES ☒ NO ☐

4. Lease Name

Dolly Varden

5. Location (Sec., Tlk., Survey)

Sec. 69, Blk. 33, H&TC Ry. Co. Survey

6. This well is to be located 5 miles SE

6. This well is to be located _____
 Direction from Mentone _____

Nearest Post Office or Town

1. RRC Division

8

County

9. Well Number

10. Number of Acres in Lease

648

11. Distance from Proposed Location to Nearest Property or Lease Line (ft.)

1100

EACH PROPOSED COMPLETION

12	13	14	15	16	17	18	19	20	21	22	
FIELD NAME (Exactly as shown on R. R. C. Peroration Schedule including Reservoir if applicable.) If Wildcat, so state below.	Completion Depth	RRC Lease or ID Number (If applicable)	Field Rule Spacing Pattern (Distance to lease line & distance between wells. If no special rules indicate Rule 37.)	Field Rule Protection Unit Pattern (Acres. If no special rules indicate Statewide Rule 38.)	Number of Acres in Drilling Unit for this Well	Is this acreage presently assigned to another well in same field? Yes or No. If yes, explain in remarks.)	Distance from proposed location to nearest drilling completed or applied for well in same reservoir on same lease (ft.)	Is this a Regular Location? (Yes or No)	Oil, Gas, or other Type Well (Specify)	Number of Wells or Permitted locations on this Lease in same Reservoir for which this Permit is Required.	
										OIL	GAS
Vermejo(Fusselman)Field	18,700		37	38	40	No	---	Yes	Gas		
Vermejo(Ellenburger)Field	20,730		37	38	40	No	---	Yes	Gas		

RECEIVED
APR 17 1974

NOTICE

NO ALLOWABLE WILL BE ASSIGNED to any well which does not have sufficient surface casing to protect all fresh water sands. Where Commission rules do not specify surface casing requirements, it will be necessary to contact Texas Water Development Board, Austin, Texas, to ascertain the depth to which fresh water sands must be protected.

REMARKS: 1100' ESEL & 6900' FNEL Section 69,
Block 33, H&TC Ry. Co. Survey

Comp: 5/20/75 (SAS)
pfs: 21,295-383 (Ellen)

1 PCAOF: 4,300 MCFGD
pfs: 18,789-924 (Fuels/min)
1 PCAOF: 20,000 MCFGD

TD: 21,600

CERTIFICATE

I declare under penalties prescribed in Article 6036c, N. C. 5., that I am authorized to make this report, that this report was prepared by me or under my supervision and direction, and that data and facts stated therein are true, correct, and complete, to the best of my knowledge.

Signature _____

Dalford Jackson
Title
April 15, 1974

Date _____
Telephone: Area Code 915 683-1851

SCALE OF MAP

1 inch = 1,000 feet
1 fch = 2,000 feet
1 inch = 3,000 feet
1 inch = 4,000 feet
1 inch = 500 feet

[illegible]

Not Spotted 6-22-74

INSPECTOR'S WELL STATUS REPORT

OPERATOR Forest Oil Corp.
LEASE Dolly Varden
WELL NO. 1 FIELD Vermejo Ellenburger
COUNTY Loving WARD
SPUD DATE 6-1-74 DRILLING DEPTH 1050 feet
CORE DEPTH _____ LOGS (DEPTH) _____
COMPLETION DATE _____ PERFS _____
POTENTIAL _____ T. D. _____
IS THIS THE FIRST REPORT ON THIS WELL? Yes
REMARKS I do not have a Form #1 on this location but its being
drilled on Section 69, Blk 33-Survey-H&TC RY-Loving County.

JMH/jr

3-21-60

James H. Keithley
INSPECTOR
DATE June 4, 1974

INSPECTOR'S WELL STATUS REPORT

OPERATOR Forest Oil Corp.
LEASE Dolly Varden
WELL NO. 1 FIELD Vermejo Ellen.
COUNTY ~~Loving~~ WARD
SPUD DATE 6-1-74 DRILLING DEPTH 13,000 feet
CORE DEPTH _____ LOGS (DEPTH) _____
COMPLETION DATE _____ PERFS _____
POTENTIAL _____ T. D. _____
IS THIS THE FIRST REPORT ON THIS WELL? 5 th
REMARKS _____

JMH/jr

3-21-60


INSPECTOR
August 12, 1974
DATE _____

INSPECTOR'S WELL STATUS REPORT

OPERATOR Forest Oil Corp.

LEASE Dolly Varden

WELL NO. 1 FIELD Vermejo Ellen.

COUNTY Ward

SPUD DATE 6-1-74 DRILLING DEPTH 19,228 feet

CORE DEPTH _____ LOGS (DEPTH) _____

COMPLETION DATE _____ PERFS _____

POTENTIAL _____ T. D. _____

IS THIS THE FIRST REPORT ON THIS WELL? 10 th

REMARKS _____

JMH/jr

3-21-60


INSPECTOR
DATE Jan 7, 1974

OPERATOR Forest Oil Corp.

WELL STATUS REPORT

STATE LEASE NO. _____ FEES Yes R.A.L. _____ FREE ROYALTY _____

OFFSET, APPROX. 1800 FT. FROM STATE LEASE M-64568

LEASE Dolly Varden WELL NO. 1

FIELD NAME Vermejo Ellen. WILDCAT _____ COUNTY Ward

REPORT NO. 12 SPUD DATE 6-1-74 DRILLING DEPTH _____

COMPLETION DATE _____ TOTAL DEPTH 21,602 feet

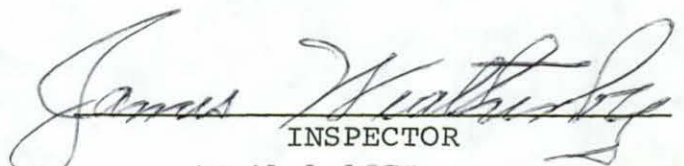
PERFS 21,295-21,383 feet
18,789-18,924 feet 1ST COMPLETION, YES _____ NO _____

POTENTIAL/TEST OIL _____ GAS _____ D&A _____

REMARKS: They are testing this location and think it will make a dual
Comp-well in Fusselman & Ellenburger-Its flowed 10.5 M.C.F from Fusselman
and about 4 M.C.F. from Ellenburger Zone's ?

BA/jmh/gs

1-24-75


INSPECTOR

DATE April 1, 1975

WELL STATUS REPORT

OPERATOR Forest Oil Corp.

STATE LEASE NO. _____ FEE Yes R.A.L. _____ FREE ROYALTY _____

OFFSET, APPROX. 1800 FT. FROM STATE LEASE M-64568

LEASE Dolly Varden WELL NO. 1

FIELD NAME Vermejo Ellen. WILDCAT _____ COUNTY Ward

REPORT NO. 13 SPUD DATE 6-1-74 DRILLING DEPTH _____

COMPLETION DATE _____ TOTAL DEPTH 21,602 feet

PERFS 21,295-21,383 feet 1ST COMPLETION: YES _____ NO _____

POTENTIAL/TEST: OIL _____ GAS _____ D&A _____

REMARKS: They say they are testing this Ellenburger Zone now and its making
a good deal of water and around 1 to 1½ M.C.F. of gas per day ???

BA/jmh/gs

2-25-75


INSPECTOR

DATE May 6, 1975

29

M. F. 66110
APPLICATION TO DRILL

WELL # 1
FILED 8/15 1975
BOB ARMSTRONG, COMMISSIONER
BY: MHS

M-66110

GAS WELL BACK PRESSURE TEST
COMPLETION OR RECOMPLETION REPORT AND LOG

1. FIELD NAME (as per RRC Records or Wildcat) Vermejo (Fusselman)	2. LEASE NAME Dolly Varden	7. RRC District 8
3. OPERATOR Forest Oil Corporation	10. County Ward	8. RRC Identification Number
4. ADDRESS P. O. Box 153, Odessa, Texas 79760	11. Purpose of Test Initial Potential ☒ Retest ☐ Reclass ☐	9. Well Number 1 U
5. If Operator has changed within last 60 Days -- Give former Operator	14. Completion Date 4/30/75	
6. LOCATION (Section, Block, and Survey) Section 69, Block 33, H&TC RR Survey	16. Type of Electric or other Log Run CBL, CCL, VDL	
12. Pipe Line Connection El Paso Natural Gas Co.	13. If Workover, give former Field (with Reservoir)	
15. List of Offset Operators Notified and Date of Notification		

Section I

GAS MEASUREMENT DATA

Date of Test 5/6/75	Gas Measurement Method (Check One) Orifice Meter ☒ Positive Choke ☐ Orifice Vent Meter ☐ Pitot Tube ☐ Critical-flow Prover ☐							Gas produced during test 1168 MCF		
Run No.	Line Size	Orifice or Choke Size	24 Hr. Coeff. Orif or Choke	Static P _m 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	4.026	3.000	52.97	800	46	70	.9905	1.2986	1.064	14,017
2										
3										
4										

Section II

FIELD DATA AND PRESSURE CALCULATIONS

Gravity (Dry Gas) .593	Gravity Liquid Hydrocarbon None	Deg. API	Gas-Liquid Hydro Ratio Inf.	CF/Bbl	Gravity of Mixture G _{mix} = .593	Avg. Shut-In Temp. 148 °F	Bottom Hole Temp. 215 °F @ 18,857 Depth		
$D_{eff}^{8/3} = 16.43$		$\sqrt{T_f} = \sqrt{608} = 24.66$		$\sqrt{GL} = \sqrt{11,182} = 105.75$					
$C = \frac{1118 \times (D_{eff})^{8/3}}{\sqrt{T}} = \frac{18,369}{24.66} = 744.89$				$\frac{\sqrt{GL}}{C} = \frac{105.75}{744.89} = 0.142$					
Run No.	Time of Run Min.	Choke Size	Wellhead Press P _w PSIA	Wellhead Flow Temp. °F	P _w ² (Thousands)	R	R ² (Thousands)	P ₁	P _w /P ₁
Shut-In	18 hr		4863						
1	120		2063	80	4256	1990	3962	2867	7196
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	P _f ² - P _s ²	Angle of Slope	
Shut-In		.3448	.9479	1.3866	6743	45,466		θ = 45	
1	.8675	.2991	1.055	1.3710	3931	15,450	30,016	n = 1	
2								Absolute Open Flow	
3								20,000 MCF/DAY	
4									

OPEN FLOW TEST:

Shut-In Press	Psig		
Time Shut-In	Hrs.		
Producing Through			
In. H ₂ O	In. Hg.		
Time	Reading	Time	Reading
15		25	
20		30	

REPRESENTATIVE OF COMPANY MAKING TEST

REPRESENTATIVE OF RAILROAD COMMISSION

CERTIFICATE:

I declare under penalties prescribed in Article 6036c, R.C.S., that I am authorized to make this report, that this report was prepared by me or under my supervision and direction, and that data and facts stated therein are true, correct, and complete, to the best of my knowledge.

Gas Engineer

5/15/75

REPRESENTATIVE OF COMPANY

TITLE

DATE

SECTION III DATA ON WELL COMPLETION AND LOG (Not Required on Retest)

17. Type of Completion: New Well ☒ Deepening ☐ Plug Back ☐ Other ☐ 18. Date Permit Issued: April 19, 1974

19. Notice of Intention to Drill this Well was filed in Name of: Forest Oil Corp. 20. If Special Permit, Give Permit Number:

21. Number of Producing Wells on this Lease in This Field (Reservoir) including this Well: One 22. Total Number of Acres in this Lease: 648

23. Date Plug Back, Deepening, or Overhaul Drilling Operations: Commenced 5/31/74 Completed 2/10/75 24. Distance to Nearest Well, Same Lease & Reservoir: None

25. Location of Well, Relative to Lease Boundaries of Lease on which this Well is Located: 6,900 Feet From NE Line And 1100 Feet From SE Line of The Dolly Varden

26. Elevation (OF, RKB, RT, GR, ETC): 2681 DF 27. Was Directional Survey Made: Yes ☒ No ☐

28. Top of Pay: 18,822 29. Total Depth: 21,600 30. P.B. Depth: 21,507 31. Surface Casing Determined By: Recommendation of Texas Water Development Board ☒ Field Rules ☐ Railroad Commission (Special) ☐

Is Well Multiple Completion? Yes ☒ No ☐ 33. If Multiple Completion List All Reservoir Names: Fusselman-Ellenburger 34. Intervals Drilled By: Rotary Tools: 0 - T.D. Cable Tools:

Name of Drilling Contractor: Sharp Drilling Company 35. Is Cementing Affidavit Attached? Yes ☒ No ☐

CASING RECORD (Report All Strings Set in Well)

Casing Size	Weight LB/FT.	Depth Set	Hole Size	Cementing Record	Amount Pulled
20"	94	1,031	26"	1,500	None
13-3/8"	54.5-61-68-72	4,429	17-1/2"	3,600	None
10-3/4"	51-55.5-60.7	11,775	12-1/4"	3,800	None

38. LINER RECORD

Size	Top	Bottom	Sacks Cement	Screen
7-3/4"	11,364	17,801	4,250	None
* 5"	14,746	19,370		None
* 4-1/2"	19,370	21,596	764	None

TUBING RECORD

Size	Depth Set	Packer Set	40. Producing Interval (this completion) indicate Depth of Perforations or Open Hole
3-1/2"	10,977		From 18,789 To 18,924
2-7/8"	14,768	14,768	From To
			From To

ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

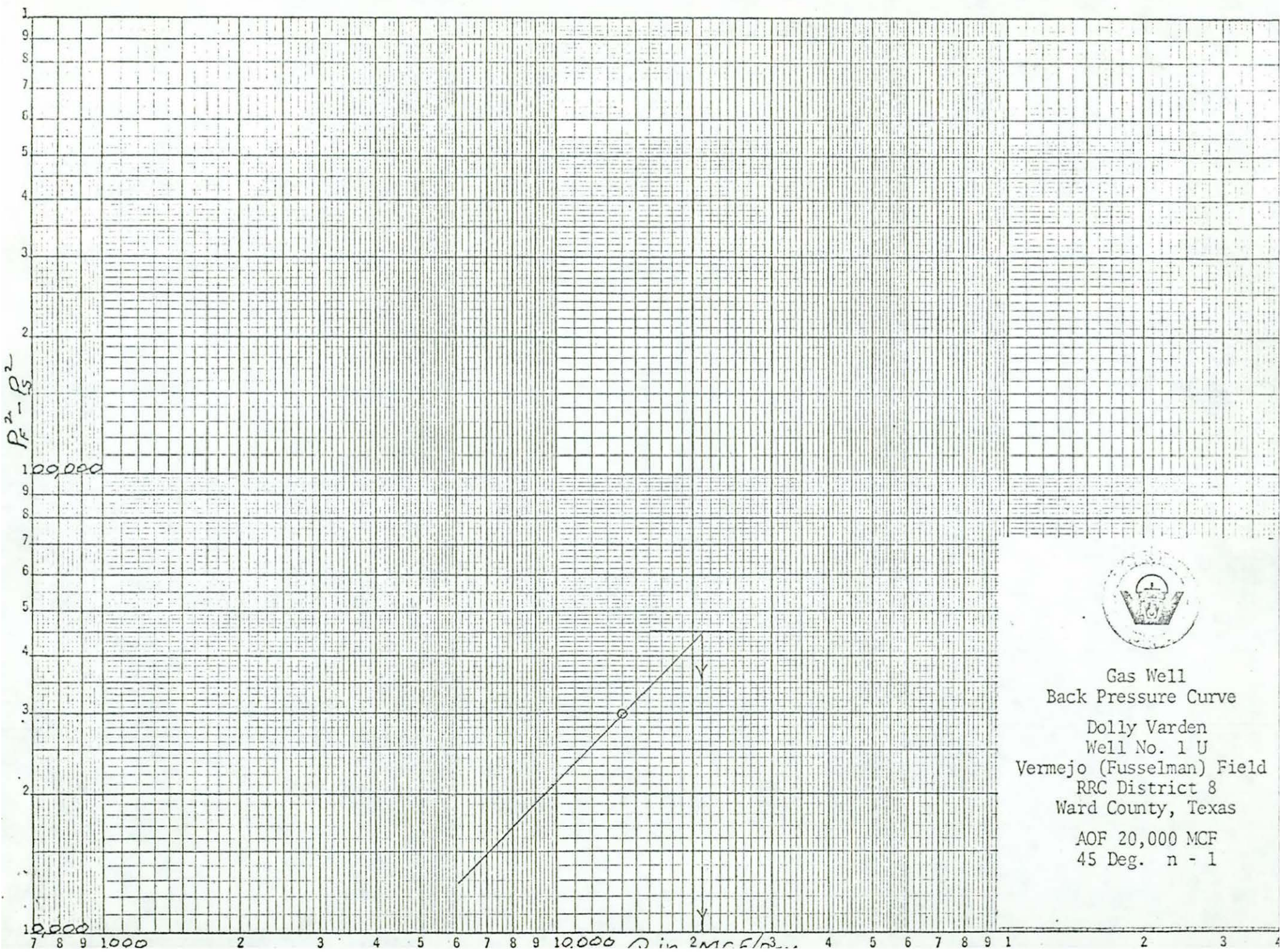
Depth Interval	Amount and Kind of Material Used
18,789 to 18,924	15,000 gal. of 20% acid

FORMATION RECORD (LIST DEPTHS OF PRINCIPAL GEOLOGICAL MARKERS AND FORMATION TOPS)

Formations	Depth	Formations	Depth
Delaware Lime	4,512	Silurian	18,638
Bone Spring Lime	8,412	Fusselman	18,822
Wolfcamp Shale	10,485	Montoya	19,202
Atoka	15,970	Simpson	19,700
Mississippian Lime	17,742	Ellenburger	20,992
Devonian	18,573		

REMARKS * Single string of 5" and 4-1/2" liner with cross over set at 19,370

This one point AOF submitted to obtain an allowable to clean up well into pipe line connection.



Gas Well
Back Pressure Curve
Dolly Varden
Well No. 1 U
Vermejo (Fusselman) Field
RRC District 8
Ward County, Texas
AOF 20,000 MCF
45 Deg. $n - 1$

RAILROAD COMMISSION OF TEXAS
OIL AND GAS DIVISION

Form G-5
Rev. 7/5/66

GAS WELL STATUS REPORT

1. FIELD NAME (as per RRC Records) Vermejo (Fusselman)	2. LEASE NAME Dolly Varden	7. RRC District 8
3. OPERATOR Forest Oil Corporation		8. RRC Identification Number
4. ADDRESS P. O. Box 153, Odessa, Texas 79760		9. Well Number 1 U
5. LOCATION (Section, Block, and Survey) Section 69, Block 33, H&TC RR Survey		10. County Ward
6. Pipeline Connection or Use of Gas El Paso Natural Gas Company		11. Utilized for Sale
		12. Acres Allocated to this Well 648

Section I		PRODUCTION TEST AT RATE ELECTED BY OPERATOR		(Data on 24-hour basis)	
A. Gas Volume	14,017	(MCF)	E. Casing Pressure	Packer	(PSI)
B. Oil or Condensate Volume	None	(BBLs.)	F. Color of Liquid	None	
C. Gas/Liquid-Hydrocarbon Ratio	Inf.	(CF/BBL.)	G. Gravity of Liquid	None	*API
D. Flowing Tubing Pressure	2050	(PSI)	H. Specific Gravity of the Gas (AIR = 1)	.593	

Section II		POTENTIAL TEST DATA	
A. Absolute Open Flow	20,000	(MCF/DAY)	C. Shut-In Wellhead Pressure 4850 (PSI)
B. Date of Test	5/6/75		D. Length of Time Well Shut-In Prior to Test 18 hrs.

Section III		A.S.T.M. DISTILLATION OF LIQUID SAMPLE	
Distillation Test is required only on Gas Wells producing with a Gas-Liquid Ratio of less than 100,000 Cubic Feet per Barrel.			
PERCENT OVER		TEMPERATURE (DEG. F.)	
I.B.R.			
10			
20			
30			
40			
50			
60			
70			
80			
90			
95			
E.P.			

I declare under penalties prescribed in Article 6036c, R. C. S., that I am authorized to make this report, that this report was prepared by me or under my supervision and direction, and that data and facts stated therein are true, correct, and complete, to the best of my knowledge.


SIGNATURE

Gas Engineer

May 15, 1975
DATE

TITLE

GAS WELL
DELIVERABILITY TESTS

RAILROAD COMMISSION OF TEXAS
OIL AND GAS DIVISION

Form G-2

Rev. 7/5/66

NEW WELL OR
INITIAL TEST ☒

ROUTINE SEMI-
ANNUAL SURVEY ☐

SPECIAL
RETEST ☐

OPERATOR Forest Oil Corporation RRC DISTRICT 8

ADDRESS P. O. Box 153, Odessa, Texas 79760

FIELD (as per RRC Records) LEASE	Well Number			RRC Identification Number	DATE of TEST	PRODUCTION DURING 24 HOUR TEST			WELLHEAD PRESSURES			API Gravity of Liquid Hydrocarbons	Specific Gravity of Dry Gas	Gas/Liquid Hydrocarbon Ratio MCF/BBL
	A or N	Numeric Only	Alpha Only			GAS MCF/DAY	WATER BBLs.	Liquid Hydrocarbons BBLs.	FLOWING		Max. S. I. After End of Test			
Vermejo (Fusselman) Dolly Varden		1	U		5/7/75	14,050	1500	0	2050	2050	4860	-	.593	Inf.

Submitted to obtain an allowable to clean up well into pipe line.

THIS FORM IS FOR USE IN FIELDS
HAVING FIELD RULES BUT IN WHICH
POTENTIAL IS NOT A FACTOR IN
ALLOWABLES.

CERTIFICATE:

I declare under penalties prescribed in Article 6036c, R.C.S., that I am authorized to make this report, that this report was prepared by me or under my supervision and direction, and that data and facts stated therein are true, correct, and complete, to the best of my knowledge.

Signature

Date May 15, 1975

Title Gas Engineer

RAILROAD COMMISSION OF TEXAS
OIL AND GAS DIVISIONForm W-12
(1-1-71)

INCLINATION REPORT (One Copy Must Be Filled With Each Completion Report.)		6. RRC District 8
1. FIELD NAME (as per RRC Records or Wildcat) Vermejo (Fusselman-Ellenburger)	2. LEASE NAME Dolly Varden	7. RRC Lease Number. (Oil completions only)
3. OPERATOR Forest Oil Corp.		8. Well Number 1
4. ADDRESS P. O. Box 153, Odessa, Texas 79760		9. RRC Identification Number (Gas completions only)
5. LOCATION (Section, Block, and Survey) Section 69, Block 33, H&TC		10. County Ward

RECORD OF INCLINATION

*11. Measured Depth (feet)	12. Course Length (Hundreds of feet)	*13. Angle of Inclination (Degrees)	14. Displacement per Hundred Feet (Sine of Angle X100)	15. Course Displacement (feet)	16. Accumulative Displacement (feet)
Sperry Sun Survey dated 2/11/75			0' to 17,910'		
17,910'	179	-	-	-	261.75
From Schlumberger Dipmeter run 2/11/75 and tied into Sperry Sun Survey @ 17,910'					
21,530	215.3	-	-	-	429.1

If additional space is needed, use the reverse side of this form.

17. Is any information shown on the reverse side of this form? ☐ yes ☒ no
18. Accumulative total displacement of well bore at total depth of 21,530 feet = 429.1 feet.
- *19. Inclination measurements were made in -- ☐ Tubing ☒ Casing ☒ Open hole ☒ Drill Pipe
20. Distance from surface location of well to the nearest lease line 1100 feet.
21. Minimum distance to lease line as prescribed by field rules 1000 feet.
22. Was the subject well at any time intentionally deviated from the vertical in any manner whatsoever? No
- (If the answer to the above question is "yes", attach written explanation of the circumstances.)

INCLINATION DATA CERTIFICATION	OPERATOR CERTIFICATION
I declare under penalties prescribed in Article 6036c, R.C.S., that I am authorized to make this certification, that I have personal knowledge of the inclination data and facts placed on both sides of this form and that such data and facts are true, correct, and complete to the best of my knowledge. This certification covers all data as indicated by asterisks (*) by the item numbers on this form.	I declare under penalties prescribed in Article 6036c, R.C.S., that I am authorized to make this certification, that I have personal knowledge of all information presented in this report, and that all data presented on both sides of this form are true, correct, and complete to the best of my knowledge. This certification covers all data and information presented herein except inclination data as indicated by asterisks (*) by the item numbers on this form.
<u>Glenn A. Belote</u> Signature of Authorized Representative District Manager Sperry Sun Name of Company 362-4644 Telephone: 915 362-4644 Area Code	<u>L.L. Lindenmuth</u> Signature of Authorized Representative L.L. Lindenmuth, Div. Drllg. Engineer Name of Person and Title (type or print) Forest Oil Corporation Operator 915 381-2452 Telephone: 915 381-2452 Area Code
<u>J.D. Short</u> Mgr. Special Services Schlumberger 915-694-9561	

Railroad Commission Use Only:

Approved By: _____ Title: _____ Date: _____

* Designates items certified by company that conducted the inclination surveys.

RAILROAD COMMISSION OF TEXAS
OIL AND GAS DIVISION

Form W-15
(Rev. 11-1-69)

CEMENTING REPORT

*1. Field Name (as per RRC Records or Wildcat)	Vermejo (Fusselman-Ellenburger)		*2. RRC District	8		
*3. Operator	Forest Oil Corp.		*4. County	Ward		
*5. Lease Name(s) and RRC Lease Number(s) or I. D. Number(s)			*6. Well Number	1		
*7. Location (Section, Block, and Survey)	Dolly Varden Sec. 69, Blk. 33, H&TC					

CASING CEMENTING DATA:	SURFACE CASING	INTER-MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
			Single String	Multiple Parallel Strings	Tool	Shoe
8. Cementing Date	6-4-74					
*9. (a) Size of Drill Bit (inches)	26					
(b) Estimated % Wash or Hole Enlargement Used in Calculations.						
*10. Size of Casing (inches O.D.)	20					
*11. Top of Liner (if liner used) (ft.)						
*12. Setting Depth of Casing (ft.)	1,031					
13. Type API Class Cement & Amount of Additives Used: (a) In First (Lead) or Only Slurry (If additional space is needed, use "REMARKS" on reverse side.)	DLW					
(b) In Second Slurry	H					
(c) In Third Slurry						
14. Sacks of Cement Used:						
(a) In First (Lead) or Only Slurry	1200					
(b) In Second Slurry	300					
(c) In Third Slurry						
(d) Total Sacks of Cement Used	1500					
15. Slurry Volume per Sack of Cement (cu.ft./sack):						
(a) In First (Lead) or Only Slurry	1.75					
(b) In Second Slurry	1.13					
(c) In Third Slurry						
16. Volume of Slurry Pumped: (cu. ft.) (Item 14 x Item 15)						
(a) In First (Lead) or Only Slurry	2100					
(b) In Second Slurry	354					
(c) In Third Slurry						
(d) Total Slurry Volume Pumped (cu. ft.)	2454					
17. Calculated Annular Height of Cement Slurry behind Pipe (ft.)	surface					
18. Was cement circulated to ground surface (or bottom of cellar) outside casing? (Yes or No)	yes					

CEMENTING TO PLUG AND ABANDON DATA:	PLUG NO. 1	PLUG NO. 2	PLUG NO. 3	PLUG NO. 4	PLUG NO. 5	PLUG NO. 6
19. Cementing Date						
*20. Size of Hole or Pipe in which Plug Placed (inches)						
*21. Depth to Bottom of Tubing or Drill Pipe (ft.)						
22. Sacks of Cement Used (each plug)						
23. Slurry Volume Pumped (cu. ft.)						
24. Calculated Top of Plug (ft.)						
*25. Measured Top of Plug (if tagged) (ft.)						

(CEMENTING COMPANY AND OPERATOR MUST COMPLY WITH THE INSTRUCTIONS ON REVERSE SIDE HEREOF.)

- OVER -

* Designates items to be completed by Operator. Items not so designated shall be completed by Cementing Company.

26. Remarks:

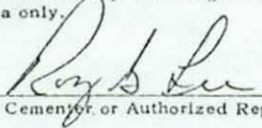
*27. Remarks:

13A. DLW Cement #1

B. H Cement #2

CEMENTING COMPANY

I declare under penalties prescribed in Article 6036c, R. C. S., that I am authorized to make this certification, that the cementing of casing and/or the placing of cement plugs in this well as shown in the report was performed by me or under my supervision, and that the cementing data and facts presented on both sides of this form are true, correct, and complete to the best of my knowledge. This certification covers cementing data only.


Signature of Cementor or Authorized Representative

Roy G. Lee Sales Service Representative
Name of Person and Title (type or print)

Dowell Division of the Dow Chemical Company
Cementing Company

P. O. Box 206
Street Address or P.O. Box

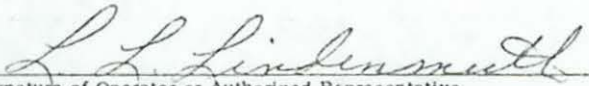
Monahans, Texas 79756
City, State Zip Code

Telephone 915 943-4307
Area Code

6-4-74
Date

*OPERATOR

I declare under penalties prescribed in Article 6036c, R. C. S., that I am authorized to make this certification, that I have knowledge of the well data and information presented in this report, and that data and facts presented on both sides of this form are true, correct, and complete to the best of my knowledge. This certification covers all well data and information presented herein.


*Signature of Operator or Authorized Representative

L. L. Lindermuth, Div. Drilling Engineer
*Name of Person and Title (type or print)

Forest Oil Corporation

*Operator

Box 153
*Street Address or P.O. Box

Odessa, Texas 79760
*City, State Zip Code

*Telephone 915 381-2452
Area Code

5/7/75
*Date

INSTRUCTIONS

1. A. This form shall be filed by the operator in the RRC District Office with:
 - (1) Each copy of an initial Form G-1 or W-2 if a cementing report is required by Statewide or Special Rules, or if exception is needed to cementing requirements in Statewide or Special Rules;
 - (2) Each copy of Form W-3;
 - (3) Each copy of Form W-4 if a multiple parallel casing completion.
- B. At least an original and one copy of this form shall be filed for each cementing company used on a well.
- C. The cementing of different casing strings on a well by one cementing company may be consolidated on one form (to be filed in duplicate).
2. Cementing Company and Operator shall comply with the applicable portions of Statewide Rules 8, 13, and 14. For offshore operations, Cementing Company and Operator shall comply with Statewide Rule 13(E).
3. If setting FULL AMOUNT OF SURFACE CASING:
 - A. Depth to protect fresh water determined by:
 - (1) Field Rule
 - (2) Texas Water Development Board, if no Field Rule
 - B. Set surface casing below depth to be protected and cement from casing shoe to ground surface.
4. IF SETTING ANYTHING OTHER THAN THE FULL AMOUNT OF SURFACE CASING, PERMISSION SHALL BE OBTAINED FROM THE RAILROAD COMMISSION.
5. If setting NO SURFACE CASING (See Item 4 above.):
 - A. If no multi-stage tool is used, the next deeper casing string shall be cemented from the casing shoe to the surface.
 - B. If using the multi-stage tool on the next deeper string, cement from the depth that protects fresh water sands to the surface.
6. If setting SHORT SURFACE CASING (See Item 4 above.):
 - A. Cement short surface casing from the shoe to the surface.
 - B. Whether the multi-stage tool is or is not used on the next deeper casing string, cement from the depth that protects fresh water sands to:
 - (1) the surface, or
 - (2) a point midway between shoe of surface string and the surface. Compliance will be considered if a temperature survey shows that the top of the cement is at least one-third of the distance from the shoe of the surface string to the surface.
7. Setting PRODUCTION STRING of Casing: (Statewide Rules; Special Rules may vary.)
 - A. Cement to a point at least 600 feet above the casing shoe.
 - B. When 3,000 feet or more of pipe is set for the production or protecting string, a minimum of 30 feet of cement shall be left inside the pipe.
8. PLUGGING and ABANDONING:
 - A. Cement plugs shall be placed in the well bore as required by Rules and Regulations of the Commission plus any additional plugs as may be specified by the RRC District Director.
 - B. The minimum amount of cement normally used in each plug shall be a slurry volume equal to the amount necessary to fill the calculated volume of 100 feet of the hole in which the plug is placed.
 - C. A 10 foot cement plug is required to be placed in the top of the well.

RAILROAD COMMISSION OF TEXAS
OIL AND GAS DIVISION

Form W-15
(Rev. 11-1-69)

CEMENTING REPORT

*1. Field Name (as per RRC Records or Wildcat) Vermejo (Ellenburger-Fusselman)	*2. RRC District 8
*3. Operator Forest Oil Corporation	*4. County Ward
*5. Lease Name(s) and RRC Lease Number(s) or I. D. Number(s) Dolly Varden #	*6. Well Number 1
*7. Location (Section, Block, and Survey) Section 69, Block 33, H&TC Survey	

CASING CEMENTING DATA:	SURFACE CASING	INTER-MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
			Single String	Multiple Parallel Strings	Tool	Shoe
*8. Cementing Date	6-18-74					
*9. (a) Size of Drill Bit (inches)	17-1/2"					
(b) Estimated % Wash or Hole Enlargement Used in Calculations.						
*10. Size of Casing (inches O.D.)	13-3/8"					
*11. Top of Liner (if liner used) (ft.)						
*12. Setting Depth of Casing (ft.)	4,423'					
13. Type API Class Cement & Amount of Additives Used: (a) In First (Lead) or Only Slurry (If additional space is needed, use "REMARKS" on reverse side.)	DLW					
(b) In Second Slurry	"H"					
(c) In Third Slurry						
14. Sacks of Cement Used:						
(a) In First (Lead) or Only Slurry	3250					
(b) In Second Slurry	350					
(c) In Third Slurry						
(d) Total Sacks of Cement Used	3600					
15. Slurry Volume per Sack of Cement (cu.ft./sack):						
(a) In First (Lead) or Only Slurry	1.76					
(b) In Second Slurry	1.20					
(c) In Third Slurry						
16. Volume of Slurry Pumped: (cu. ft.) (Item 14 x Item 15)						
(a) In First (Lead) or Only Slurry	5720					
(b) In Second Slurry	420					
(c) In Third Slurry						
(d) Total Slurry Volume Pumped (cu.ft.)	6140					
17. Calculated Annular Height of Cement Slurry behind Pipe (ft.)	3393					
18. Was cement circulated to ground surface (or bottom of cellar) outside casing? (Yes or No)	No					
CEMENTING TO PLUG AND ABANDON DATA:	PLUG NO. 1	PLUG NO. 2	PLUG NO. 3	PLUG NO. 4	PLUG NO. 5	PLUG NO. 6
19. Cementing Date						
*20. Size of Hole or Pipe in which Plug Placed (inches)						
*21. Depth to Bottom of Tubing or Drill Pipe (ft.)						
22. Sacks of Cement Used (each plug)						
23. Slurry Volume Pumped (cu. ft.)						
24. Calculated Top of Plug (ft.)						
*25. Measured Top of Plug (if tagged) (ft.)						

(CEMENTING COMPANY AND OPERATOR MUST COMPLY WITH THE INSTRUCTIONS ON REVERSE SIDE HEREOF.)

- OVER -

* Designates items to be completed by Operator. Items not so designated shall be completed by Cementing Company.

RAILROAD COMMISSION OF TEXAS
OIL AND GAS DIVISION

Form W-15
(Rev. 11-1-69)

CEMENTING REPORT

*1. Field Name (as per RRC Records or Wildcat) Vermejo (Fusselman-Ellenburger)	*2. RRC District 8
*3. Operator Forest Oil Corporation	*4. County Ward
*5. Lease Name(s) and RRC Lease Number(s) or I. D. Number(s) Dolly Varden	*6. Well Number 1
*7. Location (Section, Block, and Survey) Sec. 69, Blk. 33 H&TC	

CASING CEMENTING DATA:	SURFACE CASING	INTER-MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
			Single String	Multiple Parallel Strings	Tool	Shoe
8. Cementing Date			2-20-75			
*9. (a) Size of Drill Bit (inches)			6-1/2			
(b) Estimated % Wash or Hole Enlargement Used in Calculations.						
*10. Size of Casing (Inches O.D.)			5" & 4-1/2"			
*11. Top of Liner (if liner used) (ft.)			14,746			
*12. Setting Depth of Casing (ft.)			21,596			
13. Type API Class Cement & Amount of Additives Used: (a) In First (Lead) or Only Slurry (If additional space is needed, use "REMARKS" on reverse side.)			50/50 Litepoz 3 "H"			
(b) In Second Slurry						
(c) In Third Slurry						
14. Sacks of Cement Used: (a) In First (Lead) or Only Slurry			760			
(b) In Second Slurry						
(c) In Third Slurry						
(d) Total Sacks of Cement Used			760			
15. Slurry Volume per Sack of Cement (cu.ft./sack): (a) In First (Lead) or Only Slurry			1.65			
(b) In Second Slurry						
(c) In Third Slurry						
16. Volume of Slurry Pumped: (cu. ft.) (Item 14 x Item 15) (a) In First (Lead) or Only Slurry			1254			
(b) In Second Slurry						
(c) In Third Slurry						
(d) Total Slurry Volume Pumped (cu.ft.)			1254			
17. Calculated Annular Height of Cement Slurry behind Pipe (ft.)			14,800			
18. Was cement circulated to ground surface (or bottom of cellar) outside casing? (Yes or No)			No			
CEMENTING TO PLUG AND ABANDON DATA:	PLUG NO. 1	PLUG NO. 2	PLUG NO. 3	PLUG NO. 4	PLUG NO. 5	PLUG NO. 6
19. Cementing Date						
*20. Size of Hole or Pipe in which Plug Placed (inches)						
*21. Depth to Bottom of Tubing or Drill Pipe (ft.)						
22. Sacks of Cement Used (each plug)						
23. Slurry Volume Pumped (cu. ft.)						
24. Calculated Top of Plug (ft.)						
*25. Measured Top of Plug (if tagged) (ft.)						

(CEMENTING COMPANY AND OPERATOR MUST COMPLY WITH THE INSTRUCTIONS ON REVERSE SIDE HEREOF.)

- OVER -

* Designates items to be completed by Operator. Items not so designated shall be completed by Cementing Company.

RAILROAD COMMISSION OF TEXAS
OIL AND GAS DIVISION

Form W-15
(Rev. 11-1-69)

CEMENTING REPORT

*1. Field Name (as per RRC Records or Wildcat)	Vermejo (Fusselman-Ellenburger)	*2. RRC District	8
*3. Operator	Forest Oil Corp.	*4. County	Ward
*5. Lease Name(s) and RRC Lease Number(s) or I. D. Number(s)	Dolly Varden	*6. Well Number	1
*7. Location (Section, Block, and Survey) Sec. 69, Blk. 33, H&TC			

CASING CEMENTING DATA:	SURFACE CASING	INTER-MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
			Single String	Multiple Parallel Strings	Tool	Shoe
8. Cementing Date		7-23-74				
*9. (a) Size of Drill Bit (inches)		12-1/4				
(b) Estimated % Wash or Hole Enlargement Used in Calculations.						
*10. Size of Casing (inches O.D.)		10-3/4				
*11. Top of Liner (if liner used) (ft.)						
*12. Setting Depth of Casing (ft.)		11,775				
13. Type API Class Cement & Amount of Additives Used: (a) In First (Lead) or Only Slurry (if additional space is needed, use "REMARKS" on reverse side.)		DLW Remarks"				
(b) In Second Slurry		Class "H"				
(c) In Third Slurry						
14. Sacks of Cement Used:						
(a) In First (Lead) or Only Slurry		3400				
(b) In Second Slurry		400				
(c) In Third Slurry						
(d) Total Sacks of Cement Used						
15. Slurry Volume per Sack of Cement (cu.ft./sack):						
(a) In First (Lead) or Only Slurry		1.76				
(b) In Second Slurry		1.86				
(c) In Third Slurry						
16. Volume of Slurry Pumped: (cu. ft.) (Item 14 x Item 15)						
(a) In First (Lead) or Only Slurry		5984				
(b) In Second Slurry		744				
(c) In Third Slurry						
(d) Total Slurry Volume Pumped (cu.ft.)		6728				
17. Calculated Annular Height of Cement Slurry behind Pipe (ft.)						
18. Was cement circulated to ground surface (or bottom of cellar) outside casing? (Yes or No)		No				
CEMENTING TO PLUG AND ABANDON DATA:	PLUG NO. 1	PLUG NO. 2	PLUG NO. 3	PLUG NO. 4	PLUG NO. 5	PLUG NO. 6
19. Cementing Date						
*20. Size of Hole or Pipe in which Plug Placed (inches)						
*21. Depth to Bottom of Tubing or Drill Pipe (ft.)						
22. Sacks of Cement Used (each plug)						
23. Slurry Volume Pumped (cu. ft.)						
24. Calculated Top of Plug (ft.)						
*25. Measured Top of Plug (if tagged) (ft.)						

(CEMENTING COMPANY AND OPERATOR MUST COMPLY WITH THE INSTRUCTIONS ON REVERSE SIDE HEREOF.)

- OVER -

* Designates items to be completed by Operator. Items not so designated shall be completed by Cementing Company.

RAILROAD COMMISSION OF TEXAS
OIL AND GAS DIVISIONForm G-1
Rev. 7/5/66

M-66110

GAS WELL BACK PRESSURE TEST
COMPLETION OR RECOMPLETION REPORT AND LOG

1. FIELD NAME (as per RRC Records or Wildcat) Vermejo (Fusselman)	2. LEASE NAME Dolly Varden	7. RRC District 8
3. OPERATOR Forest Oil Corporation	8. RRC Identification Number	
4. ADDRESS P. O. Box 153, Odessa, Texas 79760	9. Well Number 1 U	
5. If Operator has changed within last 60 Days -- Give former Operator	10. County Ward	
6. LOCATION (Section, Block, and Survey) Section 69, Block 33, H&TC RR Co.	11. Purpose of Test Initial Potential ☐ Retest ☒ Recloss ☐	
12. Pipe Line Connection El Paso Natural Gas Co.	13. If Workover, give former Field (with Reservoir)	14. Completion Date 4/30/75
15. List of Offset Operators Notified and Date of Notification		16. Type of Electric or other Log Run CBL-CCL-VDL

Section I

GAS MEASUREMENT DATA

Date of Test 5/28/75		Gas Measurement Method (Check One) Orifice Meter ☒ Positive Choke ☐ Orifice Vent Meter ☐ Pitot Tube ☐ Critical-flow Prover ☐						Gas produced during test 3811 MCF		
Run No.	Line Size	Orifice or Choke Size	24 Hr. Coeff. Orif or Choke	Static P _m 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	6.065	3.500	64.07	960	37	96	.9671	1.2986	1.057	16,149
2	6.065	3.500	64.07	945	27	92	.9706	1.2986	1.057	13,738
3	6.065	3.500	64.07	945	19	94	.9688	1.2986	1.057	11,503
4	6.065	3.500	64.07	930	9	104	.9602	1.2986	1.052	7,748

Section II

FIELD DATA AND PRESSURE CALCULATIONS

Gravity (Dry Gas) .593		Gravity Liquid Hydrocarbon None		Deg. API	Gas-Liquid Hydro Ratio Inf.		CF/Bbl	Gravity of Mixture G _{mix} = .593		Avg. Shut-In Temp. 148 °F	Bottom Hole Temp. 215 °F @ 18,857 (Depth)	
$D_{eff}^{8/3} = 16.43$		$\sqrt{T_f} = \sqrt{608} = 24.66$		$\sqrt{GL} = \sqrt{11.182} = 105.75$								
$C = \frac{1118 \times (D_{eff})^{8/3}}{\sqrt{T}} = \frac{18,369}{24.66} = 744.89$		$\frac{\sqrt{GL}}{C} = \frac{105.75}{744.89} = 0.142$										
Run No.	Time of Run Min.	Choke Size	Wellhead Press P _w PSIA	Wellhead Flow Temp. °F	P _w ² (Thousands)	R	R ² (Thousands)	P ₁	P _w /P ₁			
Shut-In 24 hrs			6120	80								
1	180	14/64	3238	80	10,485	2315	5359	3980	.8135			
2	45	12/64	3799	80	14,432	1971	3885	4280	.8876			
3	120	9/64	4184	80	17,506	1649	2719	4497	.9304			
4	75	7/64	4657	80	21,688	1110	1231	4787	.9728			
Run No.	F	K	S = $\frac{1}{z}$	E _{ks}	P _f and P _s	P _f ² and P _s ²	P _f ² - P _s ²	Angle of Slope				
Shut-In		.3448	.8599	1.3451	8232	67,796		$\theta = 45$				
1	.910	.3138	.9551	1.3495	5371	28,846	38,950	$n = 1$				
2	.945	.3258	.9355	1.3563	5805	33,699	34,097	Absolute Open Flow				
3	.965	.3327	.9234	1.3596	6114	37,384	30,412	28,000 MCF/DAY				
4	.986	.3400	.9050	1.3603	6512	42,403	25,393					

OPEN FLOW TEST:

Shut-In Press Psig			
Time Shut-In Hrs.			
Producing Through			
In. H ₂ O	In. Hg.	Psig	
Time	Reading	Time	Reading
15		25	
20		30	

REPRESENTATIVE OF COMPANY

REPRESENTATIVE OF COMPANY MAKING TEST

REPRESENTATIVE OF RAILROAD COMMISSION

CERTIFICATE:

I declare under penalties prescribed in Article 6036c, R.C.S., that I am authorized to make this report, that this report was prepared by me or under my supervision and direction, and that data and facts stated therein are true, correct, and complete, to the best of my knowledge.

Gas Engineer

5/29/75

TITLE

DATE

SECTION III

DATA ON WELL COMPLETION AND LOG (Not Required on Retest)

17. Type of Completion: New Well ☒ Deepening ☐ Plug Back ☐ Other ☐				18. Date Permit Issued April 19, 1974	
19. Notice of Intention to Drill this Well was filed in Name of Forest Oil Corporation				20. If Special Permit, Give Permit Number	
21. Number of Producing Wells on this Lease in This Field (Reservoir) including this Well One			22. Total Number of Acres in this Lease 648		
23. Date Plug Back, Deepening, Well Crossover Drilling Operations: Commenced 5/31/74		Completed 2/10/75		24. Distance to Nearest Well, Same Lease & Reservoir None	
25. Location of Well, Relative to Lease Boundaries of Lease on which this Well is Located 6900 SE			Line And 1100 NE Feet From Dolly Varden Feet From Lease		
26. Elevation (DF, RKB, RT, GR, ETC) 2681 DF			27. Was Directional Survey Made Yes ☒ No ☐		
28. Top of Pay 18,822	29. Total Depth 21,600	30. P.B. Depth 21,507	31. Surface Casing Determined By: Recommendation of Texas Water Development Board ☒ Field Rules ☐ Railroad Commission (Special) ☐		
32. Is Well Multiple Completion? Yes ☒ No ☐		33. If Multiple Completion List All Reservoir Names Fusselman-Ellenburger		34. Intervals Drilled By: Rotary Tools 0-T.D. Cable Tools	
35. Name of Drilling Contractor Sharp Drilling Co.			36. Is Cementing Affidavit Attached? Yes ☒ No ☐		

CASING RECORD (Report All Strings Set in Well)

Casing Size	Weight LB/FT.	Depth Set	Hole Size	Cementing Record	Amount Pulled
20	94	1,031	26	1500	None
13-3/8	54.5-61-68-72	4,429	17-1/2	3600	None
10-3/4	51-55.5-60.7	11,775	12-1/4	3800	None

LINER RECORD

Size	Top	Bottom	Sacks Cement	Screen
7-3/4	11,364	17,801	4205	None
* 5	14,746	19,370		None
* 4-1/2	19,370	21,596	764	None

TUBING RECORD

Size	Depth Set	Packer Set	40. Producing Interval (this completion) indicate Depth of Perforations or Open Hole
3-1/2	10,977		From 18,789 To 18,924
2-7/8	14,768	14,768	From To
			From To

ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

Depth Interval

Amount and Kind of Material Used

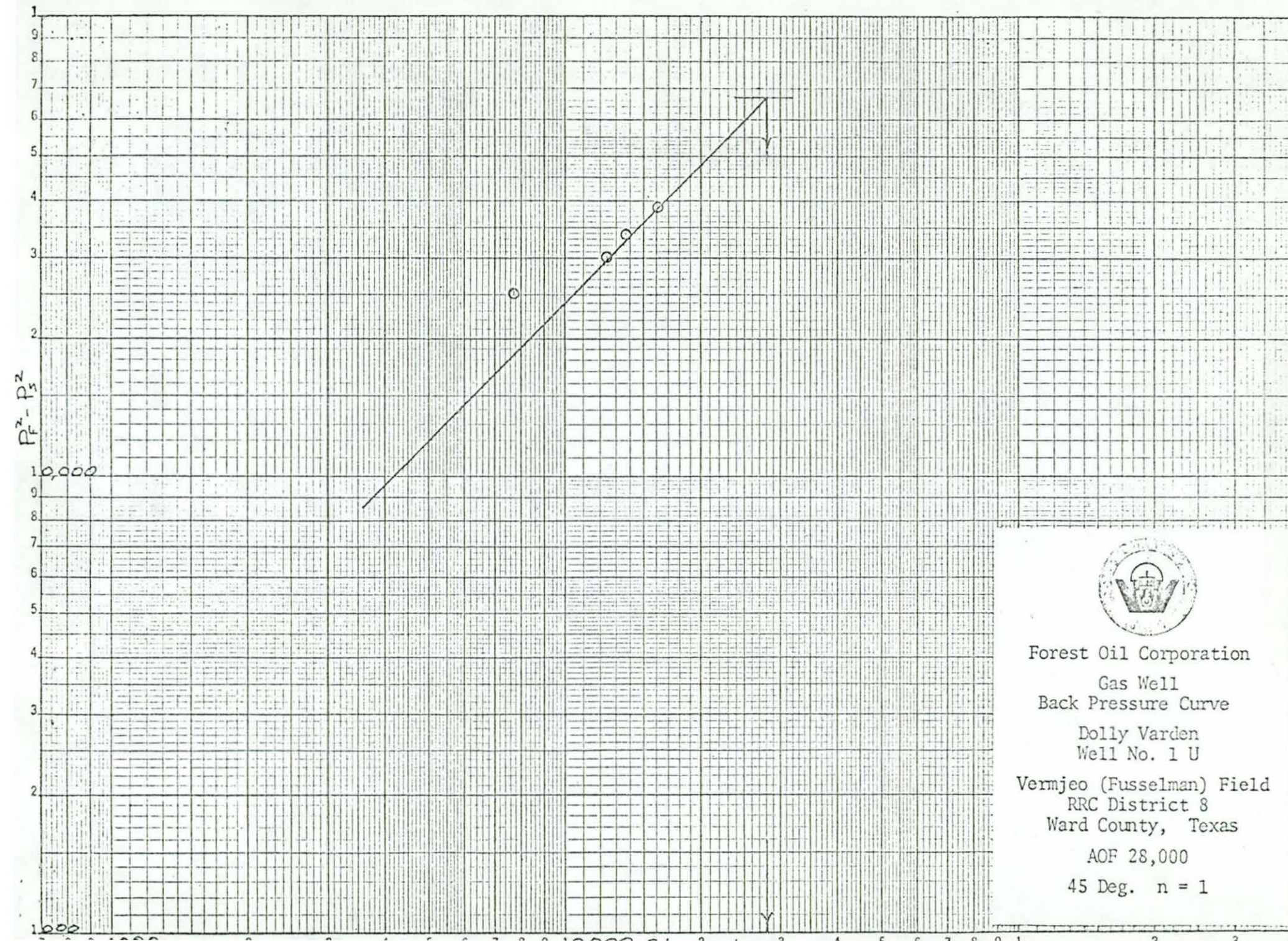
18,789 to 18,924

15,000 gal. of 20% acid

FORMATION RECORD (LIST DEPTHS OF PRINCIPAL GEOLOGICAL MARKERS AND FORMATION TOPS)

Formations	Depth	Formations	Depth
Delaware Lime	4,512	Silurian	18,638
Bone Spring Lime	8,412	Fusselman	18,822
Wolfcamp Shale	10,485	Montoya	19,202
Atoka	15,970	Simpson	19,700
Mississippian Lime	17,742	Ellenburger	20,992
Devonian	18,573		

REMARKS * Single string of 5" and 4-1/2" liner with crossover set at 19,370



Forest Oil Corporation

Gas Well

Back Pressure Curve

Dolly Varden

Well No. 1 U

Vermjeo (Fusselman) Field

RRC District 8

Ward County, Texas

AOF 28,000

45 Deg. $n = 1$

RAILROAD COMMISSION OF TEXAS
OIL AND GAS DIVISION

Form G-5
Rev. 7/5/66

GAS WELL STATUS REPORT

1. FIELD NAME (as per RRC Records) Vermejo (Fusselman)	2. LEASE NAME Dolly Varden	7. RRC District 8
3. OPERATOR Forest Oil Corp.		8. RRC Identification Number
4. ADDRESS Box 153, Odessa, Texas 79760		9. Well Number 1 U
5. LOCATION (Section, Block, and Survey) Section 69, Block 33, H&TC RR Co.		10. County Ward
6. Pipeline Connection or Use of Gas El Paso Natural Gas Co.		11. Utilized for Sale
		12. Acres Allocated to this Well 648

Section I		PRODUCTION TEST AT RATE ELECTED BY OPERATOR		(Data on 24-hour basis)
A. Gas Volume	16,149	(MCF)	E. Casing Pressure	Packer (PSI)
B. Oil or Condensate Volume	None	(BBLs.)	F. Color of Liquid	None
C. Gas/Liquid-Hydrocarbon Ratio	Inf.	(CF/BBL.)	G. Gravity of Liquid	None *API
D. Flowing Tubing Pressure	3225	(PSI)	H. Specific Gravity of the Gas (AIR=1)	.593

Section II		POTENTIAL TEST DATA	
A. Absolute Open Flow	28,000	(MCF/DAY)	C. Shut-In Wellhead Pressure 6107 (PSI)
B. Date of Test	5/28/75		D. Length of Time Well Shut-In Prior to Test 24 hrs.

Section III		A.S.T.M. DISTILLATION OF LIQUID SAMPLE	
Distillation Test is required only on Gas Wells producing with a Gas-Liquid Ratio of less than 100,000 Cubic Feet per Barrel.			
PER CENT OVER		TEMPERATURE (DEG. F.)	
I.B.R.			
10			
20			
30			
40			
50			
60			
70			
80			
90			
95			
E.P.			

I declare under penalties prescribed in Article 6036c, R. C. S., that I am authorized to make this report, that this report was prepared by me or under my supervision and direction, and that data and facts stated therein are true, correct, and complete, to the best of my knowledge.


SIGNATURE

May 29, 1975
DATE

Gas Engineer
TITLE

M-66110 (Ellen.)

SECTION III DATA ON WELL COMPLETION AND LOG (Not Required on Retest)

1. Type of Completion: New Well ☒ Deepening ☐ Plug Back ☐ Other ☐ 18. Date Permit Issued April 19, 1974

19. Notice of Intention to Drill this Well was filed in Name of Forest Oil Corporation 20. If Special Permit, Give Permit Number

21. Number of Producing Wells on this Lease in This Field (Reservoir) including this Well One 22. Total Number of Acres in this Lease 648

23. Date Plug Back, Deepening, Work-Over or Drilling Operations: Commenced 5/31/74 Completed 2/10/75 24. Distance to Nearest Well, Same Lease & Reservoir None

25. Location of Well, Relative to Lease Boundaries of Lease on which this Well is Located 6900 Feet From NE Line And 1100 Feet From SE Line of The Dolly Varden

26. Elevation (OF, RKB, RT, GR, ETC) 2681 DF 27. Was Directional Survey Made Yes ☒ No ☐

28. Top of Pay 20,992 29. Total Depth 21,600 30. P.B. Depth 21,507 31. Surface Casing Determined By: Recommendation of Texas Water Development Board ☒ Field Rules ☐ Railroad Commission (Special) ☐

32. Is Well Multiple Completion? Yes ☒ No ☐ 33. If Multiple Completion List All Reservoir Names Fusselman-Ellenburger 34. Intervals Drilled By: Rotary Tools 0 - T.D. Cable Tools

35. Name of Drilling Contractor Sharp Drilling Company 36. Is Cementing Affidavit Attached? Yes ☒ No ☐

37. CASING RECORD (Report All Strings Set in Well)					
Casing Size	Weight LB/FT.	Depth Set	Hole Size	Cementing Record	Amount Pulled
20"	94	1,031	26"	1,500	None
13-3/8"	54.5-61-68-72	4,429	17-1/2"	3,600	None
10-3/4"	51-55.5-60.7	11,775	12-1/4"	3,800	None

38. LINER RECORD				
Size	Top	Bottom	Sacks Cement	Screen
7-3/4"	11,364	17,801	4,250	None
* 5"	14,746	19,370		None
* 4-1/2"	19,370	21,596	764	None

39. TUBING RECORD			40. Producing Interval (this completion) indicate Depth of Perforations or Open Hole	
Size	Depth Set	Packer Set	From	To
3-1/2"	7,028		21,295	21,383
2-7/8"	19,359	19,359		

41. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
Depth Interval	Amount and Kind of Material Used
21,295 to 21,383	41,000 gal. of 20% acid

FORMATION RECORD (LIST DEPTHS OF PRINCIPAL GEOLOGICAL MARKERS AND FORMATION TOPS)			
Formations	Depth	Formations	Depth
Delaware Lime	4,512	Silurian	18,638
Bone Spring Lime	8,412	Fusselman	18,822
Wolfcamp shale	10,485	Montoya	19,202
Atoka	15,970	Simpson	19,700
Mississippian Lime	17,742	Ellenburger	20,992
Devonian	18,573		

REMARKS *Single string of 5" & 4-1/2" liner with cross over set at 19,370

This one point AOF submitted to obtain an allowable to clean up well into pipe line connection.

RAILROAD COMMISSION OF TEXAS
OIL AND GAS DIVISIONForm G-1
Rev. 7/5/66GAS WELL BACK PRESSURE TEST
COMPLETION OR RECOMPLETION REPORT AND LOG

1. FIELD NAME (as per RRC Records or Wildcat)	2. LEASE NAME	7. RRC District
Vermejo (Ellenburger)	Dolly Varden	8
3. OPERATOR		8. RRC Identification Number
Forest Oil Corporation		
4. ADDRESS		9. Well Number
P. O. Box 153, Odessa, Texas 79760		1 L
5. If Operator has changed within last 60 Days -- Give former Operator		10. County
		Ward
6. LOCATION (Section, Block, and Survey)		11. Purpose of Test
Section 69, Block 33, H&TC RR Survey		Initial Potential ☒
		Retest ☐
		Reclass ☐
12. Pipe Line Connection	13. If Workover, give former Field (with Reservoir)	14. Completion Date
El Paso Natural Gas Company		4/28/75
15. List of Offset Operators Notified and Date of Notification	16. Type of Electric or other Log Run	
	CBL-CCL-VDL	

Section I

GAS MEASUREMENT DATA

Date of Test	Gas Measurement Method (Check One)						Gas produced during test			
5/14/75	Orifice Meter ☒	Positive Choke ☐	Orifice Vent Meter ☐	Pitot Tube ☐	Critical-flow Prover ☐	304	MCF			
Run No.	Line Size	Orifice or Choke Size	24 Hr. Coeff. Orif or Choke	Static P _m Choke Press	Diff. h _w	Flow Temp. °F	Temp. Factor F _{tf}	Gravity Factor F _g	Compress Factor F _{pv}	Volume MCF/DAY
1	4.026	2.000	20.32	800	33	70	.9905	.9754	1.134	3,646
2										
3										
4										

Section II

FIELD DATA AND PRESSURE CALCULATIONS

Gravity (Dry Gas)	Gravity Liquid Hydrocarbon	Gas-Liquid Hydro Ratio	Gravity of Mixture	Avg. Shut-In Temp.	Bottom Hole Temp.				
1.051	None	Inf	G _{mix} = 1.051	203 °F	326 °F @ 21,339 (Depth)				
D _{eff} ^{8/3} = 13.59	√T _f = √663 = 25.75		√GL = √22.427 = 149.76						
C = $\frac{1118 \times (D_{eff})^{8/3}}{\sqrt{T}} = \frac{15.194}{25.75} = 590.06$		√GL = $\frac{149.76}{590.06} = 0.2538$							
Run No.	Time of Run Min.	Choke Size	Wellhead Press P _w PSIA	Wellhead Flow Temp. °F	P _w ² (Thousands)	R	R ² (Thousands)	P ₁	P _w /P ₁
Shut-In	18 hr		3013						
1	120		813	80	661	925	856	1232	.6599
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	P _f ² - P _s ²	Angle of Slope	
Shut-In		.6342	1.2166	2.1632	6518	42,481		θ = 45	
1	.8416	.5337	1.2903	1.9910	2453	6,017	36,464	n = 1	
2								Absolute Open Flow	
3								4,300 MCF/DAY	
4									

OPEN FLOW TEST:

Shut-In Press	Psig
Time Shut-In	Hrs.
Producing Through	
In. H ₂ O	In. H ₂ O
Time	Reading
15	25
20	30

REPRESENTATIVE OF COMPANY MAKING TEST

REPRESENTATIVE OF RAILROAD COMMISSION

CERTIFICATE:

I declare under penalties prescribed in Article 6036c, R.C.S., that I am authorized to make this report, that this report was prepared by me or under my supervision and direction, and that data and facts stated therein are true, correct, and complete, to the best of my knowledge.

Gas Engineer

May 15, 1975

TITLE

DATE

RAILROAD COMMISSION OF TEXAS
OIL AND GAS DIVISIONForm W-12
(1-1-71)

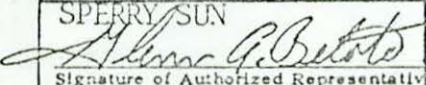
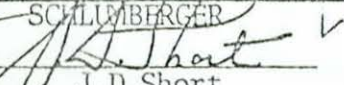
INCLINATION REPORT (One Copy Must Be Filed With Each Completion Report.)		6. RRC District 8
		7. RRC Lease Number. (Oil completions only)
1. FIELD NAME (as per RRC Records or Wildcat) Vermejo (Fusselman-Ellenburger)	2. LEASE NAME Dolly Varden	8. Well Number 1
3. OPERATOR Forest Oil Corp.		9. RRC Identification Number (Gas completions only)
4. ADDRESS P. O. Box 153, Odessa, Texas 79760		10. County Ward
5. LOCATION (Section, Block, and Survey) Section 69, Block 33, H&TC		

RECORD OF INCLINATION

*11. Measured Depth (feet)	12. Course Length (Hundreds of feet)	*13. Angle of Inclination (Degrees)	14. Displacement per Hundred Feet (Sine of Angle X100)	15. Course Displacement (feet)	16. Accumulative Displacement (feet)
Sperry Sun	Survey dated	2/11/75	0' to 17,910'		
17,910'	179	-	-	-	261.75
From Schlumberger Dipmeter run 2/11/75 and tied into Sperry Sun Survey @ 17,910'					
21,530	215.3	-	-	-	429.1

If additional space is needed, use the reverse side of this form.

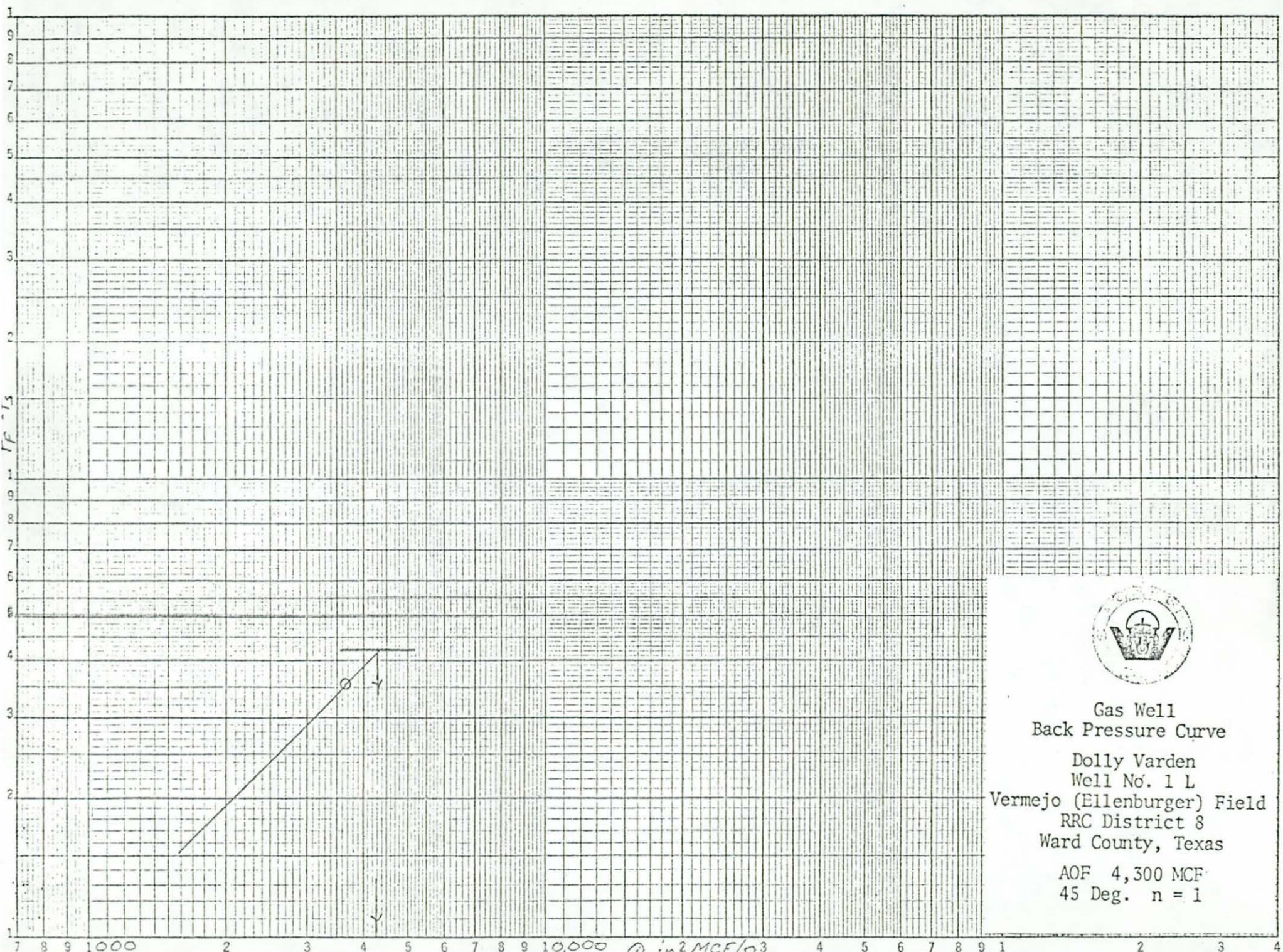
17. Is any information shown on the reverse side of this form? ☐ yes ☒ no
18. Accumulative total displacement of well bore at total depth of 21,530 feet = 429.1 feet.
- *19. Inclination measurements were made in -- ☐ Tubing ☒ Casing ☒ Open hole ☒ Drill Pipe
20. Distance from surface location of well to the nearest lease line 1100 feet.
21. Minimum distance to lease line as prescribed by field rules 1000 feet.
22. Was the subject well at any time intentionally deviated from the vertical in any manner whatsoever? No
- (If the answer to the above question is "yes", attach written explanation of the circumstances.)

INCLINATION DATA CERTIFICATION I declare under penalties prescribed in Article 6036c, R.C.S., that I am authorized to make this certification, that I have personal knowledge of the inclination data and facts placed on both sides of this form and that such data and facts are true, correct, and complete to the best of my knowledge. This certification covers all data as indicated by asterisks (*) by the item numbers on this form.	OPERATOR CERTIFICATION I declare under penalties prescribed in Article 6036c, R.C.S., that I am authorized to make this certification, that I have personal knowledge of all information presented in this report, and that all data presented on both sides of this form are true, correct, and complete to the best of my knowledge. This certification covers all data and information presented herein except inclination data as indicated by asterisks (*) by the item numbers on this form.
SPERRY SUN  Signature of Authorized Representative Glenn A. Belote District Manager Name of Person and Title (type or print) Sperry Sun Name of Company Telephone: 362-4644 Area Code 915 694-9561	SCHLUMBERGER  Signature of Authorized Representative J.D. Short Mgr. Special Services Name of Person and Title (type or print) Schlumberger Operator Telephone: 915 381-2452 Area Code

Railroad Commission Use Only:

Approved By: _____ Title: _____ Date: _____

* Designates items certified by company that conducted the inclination surveys.



Gas Well
Back Pressure Curve
Dolly Varden
Well No. 1 L
Vermejo (Ellenburger) Field
RRC District 8
Ward County, Texas
AOF 4,300 MCF
45 Deg. $n = 1$

RAILROAD COMMISSION OF TEXAS
OIL AND GAS DIVISION

Form G-5
Rev. 7/5/66

GAS WELL STATUS REPORT

1. FIELD NAME (as per RRC Records) Vermejo (Ellenburger)	2. LEASE NAME Dolly Varden	7. RRC District 8
3. OPERATOR Forest Oil Corporation		8. RRC Identification Number
4. ADDRESS P. O. Box 153, Odessa, Texas 79760		9. Well Number 1 L
5. LOCATION (Section, Block, and Survey) Section 69, Block 33, H&TC RR Survey		10. County Ward
6. Pipeline Connection or Use of Gas El Paso Natural Gas Co.		11. Utilized for Sale
		12. Acres Allocated to this Well 648

Section I		PRODUCTION TEST AT RATE ELECTED BY OPERATOR		(Data on 24-hour basis)
A. Gas Volume	3646	(MCF)	E. Casing Pressure	Packer (PSI)
B. Oil or Condensate Volume	None	(BBLs.)	F. Color of Liquid	None
C. Gas/Liquid-Hydrocarbon Ratio	Inf.	(CF/BBL.)	G. Gravity of Liquid	None *API
D. Flowing Tubing Pressure	800	(PSI)	H. Specific Gravity of the Gas (AIR = 1)	1.051

Section II		POTENTIAL TEST DATA	
A. Absolute Open Flow	4,300	(MCF/DAY)	C. Shut-In Wellhead Pressure 300 (PSI)
B. Date of Test	5/14/75		D. Length of Time Well Shut-In Prior to Test 18 hours

Section III		A.S.T.M. DISTILLATION OF LIQUID SAMPLE	
Distillation Test is required only on Gas Wells producing with a Gas-Liquid Ratio of less than 100,000 Cubic Feet per Barrel.			
PERCENT OVER		TEMPERATURE (DEG. F.)	
I.B.R.			
10			
20			
30			
40			
50			
60			
70			
80			
90			
95			
E.P.			

I declare under penalties prescribed in Article 6036c, R. C. S., that I am authorized to make this report, that this report was prepared by me or under my supervision and direction, and that data and facts stated therein are true, correct, and complete, to the best of my knowledge.

E.M. Slocum
SIGNATURE

May 15, 1975
DATE

Gas Engineer
TITLE

GAS WELL
DELIVERABILITY TESTS

RAILROAD COMMISSION OF TEXAS
OIL AND GAS DIVISION

Form G-2

Rev. 7/5/66

NEW WELL OR
INITIAL TEST ☒

ROUTINE SEMI-
ANNUAL SURVEY ☐

SPECIAL
RETEST ☐

OPERATOR Forest Oil Corporation RRC DISTRICT 8

ADDRESS P. O. Box 153, Odessa, Texas 79760

FIELD (as per RRC Records)	Well Number			RRC Identification Number	DATE of TEST	PRODUCTION DURING 24 HOUR TEST			WELLHEAD PRESSURES			API Gravity of Liquid Hydrocarbons	Specific Gravity of Dry Gas	Gas/Liquid Hydrocarbon Ratio MCF/BBL
	A or N	Numeric Only	Alpha Only			GAS MCF/DAY	WATER BBLs.	Liquid Hydrocarbons BBLs.	FLOWING		Max. S. I. After End of Test			
Vermejo (Ellenburger) Dolly Varden		1	L		5/15/75	3750	240	0	820	820	3020	-	1.051	Inf.
Submitted to obtain an allowable to clean up well into pipe line.														

THIS FORM IS FOR USE IN FIELDS
HAVING FIELD RULES BUT IN WHICH
POTENTIAL IS NOT A FACTOR IN
ALLOWABLES.

CERTIFICATE:

I declare under penalties prescribed in Article 6036c, R.C.S., that I am authorized to make this report, that this report was prepared by me or under my supervision and direction, and that data and facts stated therein are true, correct, and complete, to the best of my knowledge.

Signature E. M. L. Lacombe
Date May 15, 1975 Title Gas Engineer

(RAILROAD COMMISSION OF TEXA)
OIL AND GAS DIVISION

Form W-15
(Rev. 11-1-69)

CEMENTING REPORT

*1. Field Name (as per RRC Records or Wildcat) Vermejo (Russelman-Ellenburger)	*2. RRC District 8
*3. Operator Forest Oil Corporation	*4. County Ward
*5. Lease Name(s) and RRC Lease Number(s) or I. D. Number(s) Dolly Varden	*6. Well Number 1
*7. Location (Section, Block, and Survey) Section 69, Block 33, H&TC	

CASING CEMENTING DATA:	SURFACE CASING	INTER- MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
			Single String	Multiple Parallel Strings	Tool	Shoe
*8. Cementing Date	6/4/74					
*9. (a) Size of Drill Bit (inches)	26"					
(b) Estimated % Wash or Hole Enlargement Used in Calculations.						
*10. Size of Casing (inches O.D.)	20"					
*11. Top of Liner (if liner used) (ft.)						
*12. Setting Depth of Casing (ft.)	1031					
13. Type API Class Cement & Amount of Additives Used: (a) In First (Lead) or Only Slurry (If additional space is needed, use "REMARKS" on reverse side.)	Dowell Light Weight H					
(b) In Second Slurry						
(c) In Third Slurry						
14. Sacks of Cement Used:						
(a) In First (Lead) or Only Slurry	1200					
(b) In Second Slurry	300					
(c) In Third Slurry						
(d) Total Sacks of Cement Used	1500					
15. Slurry Volume per Sack of Cement (cu.ft./sack):						
(a) In First (Lead) or Only Slurry	1.75					
(b) In Second Slurry	1.18					
(c) In Third Slurry						
16. Volume of Slurry Pumped: (cu.ft.) (Item 14 x Item 15)						
(a) In First (Lead) or Only Slurry	2100					
(b) In Second Slurry	354					
(c) In Third Slurry						
(d) Total Slurry Volume Pumped (cu.ft.)	2454					
17. Calculated Annular Height of Cement Slurry behind Pipe (ft.)	Surface					
18. Was cement circulated to ground surface (or bottom of cellar) outside casing? (Yes or No)	Yes					
CEMENTING TO PLUG AND ABANDON DATA:	PLUG NO. 1	PLUG NO. 2	PLUG NO. 3	PLUG NO. 4	PLUG NO. 5	PLUG NO. 6
19. Cementing Date						
*20. Size of Hole or Pipe in which Plug Placed (inches)						
*21. Depth to Bottom of Tubing or Drill Pipe (ft.)						
22. Sacks of Cement Used (each plug)						
23. Slurry Volume Pumped (cu. ft.)						
24. Calculated Top of Plug (ft.)						
*25. Measured Top of Plug (if tagged) (ft.)						

(CEMENTING COMPANY AND OPERATOR MUST COMPLY WITH THE INSTRUCTIONS ON REVERSE SIDE HEREOF.)

- OVER -

* Designates items to be completed by Operator. Items not so designated shall be completed by Cementing Company.

6. Remarks:

13 (A)-Dowell Hight Weight (no additives)

(B)-H-Cement (no additives)

*27. Remarks:

CEMENTING COMPANY

I declare under penalties prescribed in Article 6036c, R. C. S., that I am authorized to make this certification, that the cementing of casing and/or the placing of cement plugs in this well as shown in the report was performed by me or under my supervision, and that the cementing data and facts presented on both sides of this form are true, correct, and complete to the best of my knowledge. This certification covers cementing data only.

Signature of Cementer or Authorized Representative

Roy G. Lee, Cementer

Name of Person and Title (type or print)

Dowell

Cementing Company

Box 206

Street Address or P.O. Box

Monahans, Texas

79756

City, State

Zip Code

Telephone 915

943-4308

Area Code

June 4, 1974

Date

*OPERATOR

I declare under penalties prescribed in Article 6036c, R. C. S., that I am authorized to make this certification, that I have knowledge of the well data and information presented in this report, and that data and facts presented on both sides of this form are true, correct, and complete to the best of my knowledge. This certification covers all well data and information presented herein.

Signature of Operator or Authorized Representative

L. Lee Lindenmuth, Drilling Engineer

Name of Person and Title (type or print)

Forest Oil Corporation

*Operator

Box 153

*Street Address or P.O. Box

Odessa, Texas

79760

*City, State

Zip Code

*Telephone 915

381-2452

Area Code

June 4, 1974

*Date

INSTRUCTIONS

- A. This form shall be filed by the operator in the RRC District Office with:
 - (1) Each copy of an initial Form G-1 or W-2 if a cementing report is required by Statewide or Special Rules, or if exception is needed to cementing requirements in Statewide or Special Rules;
 - (2) Each copy of Form W-3;
 - (3) Each copy of Form W-4 if a multiple parallel casing completion.
- B. At least an original and one copy of this form shall be filed for each cementing company used on a well.
- C. The cementing of different casing strings on a well by one cementing company may be consolidated on one form (to be filed in duplicate).
2. Cementing Company and Operator shall comply with the applicable portions of Statewide Rules 8, 13, and 14. For offshore operations, Cementing Company and Operator shall comply with Statewide Rule 13(E).
3. If setting FULL AMOUNT OF SURFACE CASING:
 - A. Depth to protect fresh water determined by:
 - (1) Field Rule
 - (2) Texas Water Development Board, if no Field Rule
 - B. Set surface casing below depth to be protected and cement from casing shoe to ground surface.IF SETTING ANYTHING OTHER THAN THE FULL AMOUNT OF SURFACE CASING, PERMISSION SHALL BE OBTAINED FROM THE RAILROAD COMMISSION.
4. If setting NO SURFACE CASING (See Item 4 above.):
 - A. If no multi-stage tool is used, the next deeper casing string shall be cemented from the casing shoe to the surface.
 - B. If using the multi-stage tool on the next deeper string, cement from the depth that protects fresh water sands to the surface.
5. If setting SHORT SURFACE CASING (See Item 4 above.):
 - A. Cement short surface casing from the shoe to the surface.
 - B. Whether the multi-stage tool is or is not used on the next deeper casing string, cement from the depth that protects fresh water sands to:
 - (1) the surface, or
 - (2) a point midway between shoe of surface string and the surface. Compliance will be considered if a temperature survey shows that the top of the cement is at least one-third of the distance from the shoe of the surface string to the surface.
7. Setting PRODUCTION STRING of Casing: (Statewide Rules; Special Rules may vary.)
 - A. Cement to a point at least 600 feet above the casing shoe.
 - B. When 3,000 feet or more of pipe is set for the production or protecting string, a minimum of 30 feet of cement shall be left inside the pipe.
- PLUGGING and ABANDONING:
 - A. Cement plugs shall be placed in the well bore as required by Rules and Regulations of the Commission plus any additional plugs as may be specified by the RRC District Director.
 - B. The minimum amount of cement normally used in each plug shall be a slurry volume equal to the amount necessary to fill the calculated volume of 100 feet of the hole in which the plug is placed.

RAILROAD COMMISSION OF TEXAS
OIL AND GAS DIVISION

Form W-15
(Rev. 11-1-69)

CEMENTING REPORT

*1. Field Name (as per RRC Records or Wildcat) Vermejo (Ellenburger-Fusselman)	*2. RRC District 8
*3. Operator Forest Oil Corporation	*4. County Ward
*5. Lease Name(s) and RRC Lease Number(s) or I. D. Number(s) Dolly Varden #	*6. Well Number 1
*7. Location (Section, Block, and Survey) Section 69, Block 33, H&TC Survey	

CASING CEMENTING DATA:	SURFACE CASING	INTER-MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
			Single String	Multiple Parallel Strings	Tool	Shoe
*8. Cementing Date	6-18-74					
*9. (a) Size of Drill Bit (inches)	17-1/2"					
(b) Estimated % Wash or Hole Enlargement Used in Calculations.						
*10. Size of Casing (Inches O.D.)	13-3/8"					
*11. Top of Liner (if liner used) (ft.)						
*12. Setting Depth of Casing (ft.)	4,423'					
13. Type API Class Cement & Amount of Additives Used: (a) In First (Lead) or Only Slurry (If additional space is needed, use "REMARKS" on reverse side.)	DLW					
(b) In Second Slurry	"H"					
(c) In Third Slurry						
14. Sacks of Cement Used:						
(a) In First (Lead) or Only Slurry	3250					
(b) In Second Slurry	350					
(c) In Third Slurry						
(d) Total Sacks of Cement Used	3600					
15. Slurry Volume per Sack of Cement (cu.ft./sack):						
(a) In First (Lead) or Only Slurry	1.76					
(b) In Second Slurry	1.20					
(c) In Third Slurry						
16. Volume of Slurry Pumped: (cu.ft.) (Item 14 x Item 15)						
(a) In First (Lead) or Only Slurry	5720					
(b) In Second Slurry	420					
(c) In Third Slurry						
(d) Total Slurry Volume Pumped (cu.ft.)	6140					
17. Calculated Annular Height of Cement Slurry behind Pipe (ft.)	3393					
18. Was cement circulated to ground surface (or bottom of cellar) outside casing? (Yes or No)	No					
CEMENTING TO PLUG AND ABANDON DATA:	PLUG NO. 1	PLUG NO. 2	PLUG NO. 3	PLUG NO. 4	PLUG NO. 5	PLUG NO. 6
19. Cementing Date						
*20. Size of Hole or Pipe in which Plug Placed (inches)						
*21. Depth to Bottom of Tubing or Drill Pipe (ft.)						
22. Sacks of Cement Used (each plug)						
23. Slurry Volume Pumped (cu. ft.)						
24. Calculated Top of Plug (ft.)						
*25. Measured Top of Plug (if tagged) (ft.)						

(CEMENTING COMPANY AND OPERATOR MUST COMPLY WITH THE INSTRUCTIONS ON REVERSE SIDE HEREOF.)

- OVER -

* Designates items to be completed by Operator. Items not so designated shall be completed by Cementing Company.

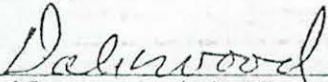
6. Remarks:

13A. DLW, 5#/sk D-42, Kolite, 1/2#/sk D-29,
Cello Flakes, 5#/sk
13B. 3#/sk D-44 Salt

* 27. Remarks:

CEMENTING COMPANY

I declare under penalties prescribed in Article 6036c, R. C. S., that I am authorized to make this certification, that the cementing of casing and/or placing of cement plugs in this well as shown in the report was performed by me or under my supervision, and that the cementing data and facts presented on both sides of this form are true, correct, and complete to the best of my knowledge. This certification covers cementing data only.


Signature of Cementer or Authorized Representative

Dale Wood Service Sales Representative
Name of Person and Title (type or print)

Dowell Division of the Dow Chemical Company
Cementing Company

P. O. Box 206
Street Address or P.O. Box

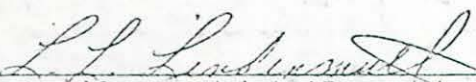
Monahans, Texas 79756
City, State Zip Code

Telephone 915 943-4307
Area Code

6-18-74
Date

* OPERATOR

I declare under penalties prescribed in Article 6036c, R. C. S., that I am authorized to make this certification, that I have knowledge of the well data and information presented in this report, and that data and facts presented on both sides of this form are true, correct, and complete to the best of my knowledge. This certification covers all well data and information presented herein.


*Signature of Operator or Authorized Representative

L. L. Lindenmuth, Drilling Engineer
*Name of Person and Title (type or print)

Forest Oil Corporation
*Operator

P. O. Box 153
*Street Address or P.O. Box

Odessa, Texas 79760
*City, State Zip Code

*Telephone 915 381-2452
Area Code

6/24/74
*Date

INSTRUCTIONS

1. A. This form shall be filed by the operator in the RRC District Office with:
 - (1) Each copy of an initial Form G-1 or W-2 if a cementing report is required by Statewide or Special Rules, or if exception is needed to cementing requirements in Statewide or Special Rules;
 - (2) Each copy of Form W-3;
 - (3) Each copy of Form W-4 if a multiple parallel casing completion.
 - B. At least an original and one copy of this form shall be filed for each cementing company used on a well.
 - C. The cementing of different casing strings on a well by one cementing company may be consolidated on one form (to be filed in duplicate).
- Cementing Company and Operator shall comply with the applicable portions of Statewide Rules 8, 13, and 14. For offshore operations, Cementing Company and Operator shall comply with Statewide Rule 13(E).

If setting FULL AMOUNT OF SURFACE CASING:

- A. Depth to protect fresh water determined by:
 - (1) Field Rule
 - (2) Texas Water Development Board, if no Field Rule
- B. Set surface casing below depth to be protected and cement from casing shoe to ground surface.

IF SETTING ANYTHING OTHER THAN THE FULL AMOUNT OF SURFACE CASING, PERMISSION SHALL BE OBTAINED FROM THE RAILROAD COMMISSION.

If setting NO SURFACE CASING (See Item 4 above.):

- A. If no multi-stage tool is used, the next deeper casing string shall be cemented from the casing shoe to the surface.
- B. If using the multi-stage tool on the next deeper string, cement from the depth that protects fresh water sands to the surface.

If setting SHORT SURFACE CASING (See Item 4 above.):

- A. Cement short surface casing from the shoe to the surface.
- B. Whether the multi-stage tool is or is not used on the next deeper casing string, cement from the depth that protects fresh water sands to:
 - (1) the surface, or
 - (2) a point midway between shoe of surface string and the surface. Compliance will be considered if a temperature survey shows that the top of the cement is at least one-third of the distance from the shoe of the surface string to the surface.

Setting PRODUCTION STRING of Casing: (Statewide Rules; Special Rules may vary.)

- A. Cement to a point at least 600 feet above the casing shoe.
- B. When 3,000 feet or more of pipe is set for the production or protecting string, a minimum of 30 feet of cement shall be left inside the pipe.

PLUGGING and ABANDONING:

- A. Cement plugs shall be placed in the well bore as required by Rules and Regulations of the Commission plus any additional plugs as may be specified by the RRC District Director.
- B. The minimum amount of cement normally used in each plug shall be a slurry volume equal to the amount necessary to fill the calculated volume of 100 feet of the hole in which the plug is placed.
- C. A 10 foot cement plug is required to be placed in the top of the well.

RAILROAD COMMISSION OF TEXAS
OIL AND GAS DIVISION

Form W-15
(Rev. 11-1-69)

CEMENTING REPORT

*1. Field Name (as per RRC Records or Wildcat) Vermejo (Fusselman-Ellenburger)	*2. RRC District 8
*3. Operator Forest Oil Corporation	*4. County Ward
*5. Lease Name(s) and RRC Lease Number(s) or I. D. Number(s) Dolly Varden	*6. Well Number 1
*7. Location (Section, Block, and Survey) Sec. 69, Blk. 33 H&TC	

CASING CEMENTING DATA:	SURFACE CASING	INTER-MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
			Single String	Multiple Parallel Strings	Tool	Shoe
*8. Cementing Date			2-20-75			
*9. (a) Size of Drill Bit (inches)			6-1/2			
(b) Estimated % Wash or Hole Enlargement Used in Calculations.						
*10. Size of Casing (inches O.D.)			5" & 4-1/2"			
*11. Top of Liner (if liner used) (ft.)			14,746			
*12. Setting Depth of Casing (ft.)			21,596			
13. Type API Class Cement & Amount of Additives Used: (a) In First (Lead) or Only Slurry (If additional space is needed, use "REMARKS" on reverse side.)			50/50 Litepoz 3 "H"			
(b) In Second Slurry						
(c) In Third Slurry						
14. Sacks of Cement Used: (a) In First (Lead) or Only Slurry			760			
(b) In Second Slurry						
(c) In Third Slurry						
(d) Total Sacks of Cement Used			760			
15. Slurry Volume per Sack of Cement (cu.ft./sack): (a) In First (Lead) or Only Slurry			1.65			
(b) In Second Slurry						
(c) In Third Slurry						
16. Volume of Slurry Pumped: (cu. ft.) (Item 14 x Item 15) (a) In First (Lead) or Only Slurry			1254			
(b) In Second Slurry						
(c) In Third Slurry						
(d) Total Slurry Volume Pumped (cu.ft.)			1254			
17. Calculated Annular Height of Cement Slurry behind Pipe (ft.)			14,800			
18. Was cement circulated to ground surface (or bottom of cellar) outside casing? (Yes or No)			No			
CEMENTING TO PLUG AND ABANDON DATA:	PLUG NO. 1	PLUG NO. 2	PLUG NO. 3	PLUG NO. 4	PLUG NO. 5	PLUG NO. 6
19. Cementing Date						
*20. Size of Hole or Pipe in which Plug Placed (inches)						
*21. Depth to Bottom of Tubing or Drill Pipe (ft.)						
22. Sacks of Cement Used (each plug)						
23. Slurry Volume Pumped (cu. ft.)						
24. Calculated Top of Plug (ft.)						
*25. Measured Top of Plug (if tagged) (ft.)						

(CEMENTING COMPANY AND OPERATOR MUST COMPLY WITH THE INSTRUCTIONS ON REVERSE SIDE HEREOF.)

- OVER -

* Designates items to be completed by Operator. Items not so designated shall be completed by Cementing Company.

6. Remarks:

13A. 50/50 Litepoz III "H", 4% Gel, 10% Cement Silica, .25% TIC, 0.5 gal/sk Fluid Loss Additive, .35% Retarder, 1.05% Retarder.

CEMENTING COMPANY

I declare under penalties prescribed in Article 6036c, R. C. S., that I am authorized to make this certification, that the cementing of casing and/or the placing of cement plugs in this well as shown in the report was performed by me or under my supervision, and that the cementing data and facts presented on both sides of this form are true, correct, and complete to the best of my knowledge. This certification covers cementing data only.

Dale Wood
Signature of Cementer or Authorized Representative

Dale Wood Service Sales Representative
Name of Person and Title (type or print)

Dowell Division of the Dow Chemical Company
Cementing Company

P. O. Box 206
Street Address or P.O. Box

Monahans, Texas 79756
City, State Zip Code

Telephone 915 953-4307
Area Code
2-20-75

Date

*27. Remarks:

*OPERATOR

I declare under penalties prescribed in Article 6036c, R. C. S., that I am authorized to make this certification, that I have knowledge of the well data and information presented in this report, and that data and facts presented on both sides of this form are true, correct, and complete to the best of my knowledge. This certification covers all well data and information presented herein.

L. Lindenmuth
*Signature of Operator or Authorized Representative

L. Lindenmuth Div. Drilling Engineer
*Name of Person and Title (type or print)

Forest Oil Corporation

*Operator

P. O. Box 153
*Street Address or P.O. Box

Odessa, Texas 79760
*City, State Zip Code

*Telephone 915 381-2452
Area Code
4/8/75
*Date

INSTRUCTIONS

- A. This form shall be filed by the operator in the RRC District Office with:
 - (1) Each copy of an initial Form G-1 or W-2 if a cementing report is required by Statewide or Special Rules, or if exception is needed to cementing requirements in Statewide or Special Rules;
 - (2) Each copy of Form W-3;
 - (3) Each copy of Form W-4 if a multiple parallel casing completion.
 - B. At least an original and one copy of this form shall be filed for each cementing company used on a well.
 - C. The cementing of different casing strings on a well by one cementing company may be consolidated on one form (to be filed in duplicate).
- Cementing Company and Operator shall comply with the applicable portions of Statewide Rules 8, 13, and 14. For offshore operations, Cementing Company and Operator shall comply with Statewide Rule 13(E).
3. If setting FULL AMOUNT OF SURFACE CASING:
 - A. Depth to protect fresh water determined by:
 - (1) Field Rule
 - (2) Texas Water Development Board, if no Field Rule
 - B. Set surface casing below depth to be protected and cement from casing shoe to ground surface.

IF SETTING ANYTHING OTHER THAN THE FULL AMOUNT OF SURFACE CASING, PERMISSION SHALL BE OBTAINED FROM THE RAILROAD COMMISSION.

If setting NO SURFACE CASING (See Item 4 above.):

 - A. If no multi-stage tool is used, the next deeper casing string shall be cemented from the casing shoe to the surface.
 - B. If using the multi-stage tool on the next deeper string, cement from the depth that protects fresh water sands to the surface.

If setting SHORT SURFACE CASING (See Item 4 above.):

 - A. Cement short surface casing from the shoe to the surface.
 - B. Whether the multi-stage tool is or is not used on the next deeper casing string, cement from the depth that protects fresh water sands to:
 - (1) the surface, or
 - (2) a point midway between shoe of surface string and the surface. Compliance will be considered if a temperature survey shows that the top of the cement is at least one-third of the distance from the shoe of the surface string to the surface.

Setting PRODUCTION STRING of Casing: (Statewide Rules; Special Rules may vary.)

 - A. Cement to a point at least 600 feet above the casing shoe.
 - B. When 3,000 feet or more of pipe is set for the production or protecting string, a minimum of 30 feet of cement shall be left inside the pipe.

PLUGGING and ABANDONING:

 - A. Cement plugs shall be placed in the well bore as required by Rules and Regulations of the Commission plus any additional plugs as may be specified by the RRC District Director.
 - B. The minimum amount of cement normally used in each plug shall be a slurry volume equal to the amount necessary to fill the calculated volume of 100 feet of the hole in which the plug is placed.
 - C. A 10 foot cement plug is required to be placed in the top of the well.

RAILROAD COMMISSION OF TEXAS
OIL AND GAS DIVISION

Form W-15
(Rev. 11-1-69)

CEMENTING REPORT

*1. Field Name (as per RRC Records or Wildcat)	Vermejo (Fusselman-Ellenburger)	*2. RRC District	8
*3. Operator	Forest Oil Corp.	*4. County	Ward
*5. Lease Name(s) and RRC Lease Number(s) or I. D. Number(s)	Dolly Varden	*6. Well Number	1
*7. Location (Section, Block, and Survey)	Sec. 69, Blk. 33, H&TC		

CASING CEMENTING DATA:	SURFACE CASING	INTER-MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
			Single String	Multiple Parallel Strings	Tool	Shoe
8. Cementing Date		7-23-74				
*9. (a) Size of Drill Bit (inches)		12-1/4				
(b) Estimated % Wash or Hole Enlargement Used in Calculations.						
*10. Size of Casing (inches O.D.)		10-3/4				
*11. Top of Liner (if liner used) (ft.)						
*12. Setting Depth of Casing (ft.)		11,775				
13. Type API Class Cement & Amount of Additives Used: (a) In First (Lead) or Only Slurry (If additional space is needed, use "REMARKS" on reverse side.)		DLW "Remarks"				
(b) In Second Slurry		Class "H"				
(c) In Third Slurry						
14. Sacks of Cement Used: (a) In First (Lead) or Only Slurry		3400				
(b) In Second Slurry		400				
(c) In Third Slurry						
(d) Total Sacks of Cement Used						
15. Slurry Volume per Sack of Cement (cu.ft./sack): (a) In First (Lead) or Only Slurry		1.76				
(b) In Second Slurry		1.86				
(c) In Third Slurry						
16. Volume of Slurry Pumped: (cu.ft.) (Item 14 x Item 15) (a) In First (Lead) or Only Slurry		5984				
(b) In Second Slurry		744				
(c) In Third Slurry						
(d) Total Slurry Volume Pumped (cu.ft.)		6728				
17. Calculated Annular Height of Cement Slurry behind Pipe (ft.)						
18. Was cement circulated to ground surface (or bottom of cellar) outside casing? (Yes or No)		No				
CEMENTING TO PLUG AND ABANDON DATA:	PLUG NO. 1	PLUG NO. 2	PLUG NO. 3	PLUG NO. 4	PLUG NO. 5	PLUG NO. 6
19. Cementing Date						
*20. Size of Hole or Pipe in which Plug Placed (inches)						
*21. Depth to Bottom of Tubing or Drill Pipe (ft.)						
22. Sacks of Cement Used (each plug)						
23. Slurry Volume Pumped (cu. ft.)						
24. Calculated Top of Plug (ft.)						
*25. Measured Top of Plug (if tagged) (ft.)						

(CEMENTING COMPANY AND OPERATOR MUST COMPLY WITH THE INSTRUCTIONS ON REVERSE SIDE HEREOF.)

-- OVER --

* Designates items to be completed by Operator. Items not so designated shall be completed by Cementing Company.

Remarks: 1st Slurry 3400 sx DLW
per sk 42 Kolite 5# per sk D-44 Salt
D-29 Celo Flakes 400 sx Slurry #2
Class H .3% D-13 Retarder

*27. Remarks:

CEMENTING COMPANY

I declare under penalties prescribed in Article 6036c, R. C. S., that I am authorized to make this certification, that the cementing of casing and/or the placing of cement plugs in this well as shown in the report was performed by me or under my supervision, and that the cementing data and facts presented on both sides of this form are true, correct, and complete to the best of my knowledge. This certification covers cementing data only.

Tom F. Lindsey

Signature of Cementer or Authorized Representative

Tom F. Lindsey Service Sales Representative

Name of Person and Title (type or print)

Dowell Division of the Dow Chemical Company
Cementing Company

P. O. Box 206

Street Address or P.O. Box

Monahans, Texas

79756

City, State

Zip Code

Telephone 915

Area Code

943-4307

7-23-74

Date

*OPERATOR

I declare under penalties prescribed in Article 6036c, R. C. S., that I am authorized to make this certification, that I have knowledge of the well data and information presented in this report, and that data and facts presented on both sides of this form are true, correct, and complete to the best of my knowledge. This certification covers all well data and information presented herein.

L. L. Lindenmuth

*Signature of Operator or Authorized Representative

L. L. Lindenmuth, Div. Drilling Engineer

*Name of Person and Title (type or print)

Forest Oil Corporation

*Operator

Box 153

*Street Address or P.O. Box

Odessa, Texas

79760

*City, State

Zip Code

*Telephone 915

Area Code

381-2452

5/7/75

*Date

INSTRUCTIONS

A. This form shall be filed by the operator in the RRC District Office with:

- (1) Each copy of an initial Form G-1 or W-2 if a cementing report is required by Statewide or Special Rules, or if exception is needed to cementing requirements in Statewide or Special Rules;
- (2) Each copy of Form W-3;
- (3) Each copy of Form W-4 if a multiple parallel casing completion.

B. At least an original and one copy of this form shall be filed for each cementing company used on a well.

C. The cementing of different casing strings on a well by one cementing company may be consolidated on one form (to be filed in duplicate).

2. Cementing Company and Operator shall comply with the applicable portions of Statewide Rules 8, 13, and 14. For offshore operations, Cementing Company and Operator shall comply with Statewide Rule 13(E).

3. If setting FULL AMOUNT OF SURFACE CASING:

A. Depth to protect fresh water determined by:

- (1) Field Rule
- (2) Texas Water Development Board, if no Field Rule

B. Set surface casing below depth to be protected and cement from casing shoe to ground surface.

IF SETTING ANYTHING OTHER THAN THE FULL AMOUNT OF SURFACE CASING, PERMISSION SHALL BE OBTAINED FROM THE RAILROAD COMMISSION.

If setting NO SURFACE CASING (See Item 4 above.):

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A. Cement short surface casing from the shoe to the surface.

B. Whether the multi-stage tool is or is not used on the next deeper casing string, cement from the depth that protects fresh water sands to:

- (1) the surface, or
- (2) a point midway between shoe of surface string and the surface. Compliance will be considered if a temperature survey shows that the top of the cement is at least one-third of the distance from the shoe of the surface string to the surface.

Setting PRODUCTION STRING of Casing: (Statewide Rules; Special Rules may vary.)

A. Cement to a point at least 600 feet above the casing shoe.

B. When 3,000 feet or more of pipe is set for the production or protecting string, a minimum of 30 feet of cement shall be left inside the pipe.

PLUGGING and ABANDONING:

A. Cement plugs shall be placed in the well bore as required by Rules and Regulations of the Commission plus any additional plugs as may be specified by the RRC District Director.

B. The minimum amount of cement normally used in each plug shall be a slurry volume equal to the amount necessary to fill the calculated volume of 100 feet of the hole in which the plug is placed.

30

M. F. 66110
WELL # 1 COMPLETION REPORT
BOB ARMSTRONG, COMMISSIONER
FILED 8/15/75 BY MMS

NO. 32329

WE ENCLOSE HERewith OUR CHECK PAYABLE TO YOUR ORDER IN FULL PAYMENT OF LEASE RENTAL WHICH IS PAID THE PARTY OR PARTIES NAMED BELOW UNDER THE TERMS OF AN OIL AND GAS LEASE DESCRIBED BELOW FOR THE PERIOD STATED:

State Lease 66110

\$418.85

RECEIVED

JUN 11 1975

General Land Office

AREA Loving, Reeves, Ward-Mentone

LEASE NO. 4211-7

FOR 12 MONTH PERIOD FROM July 6, 1975

ACRES (MORE OR LESS) 83.77**

COUNTY OR PARISH Reeves & Ward

STATE Texas

LEASE DATED July 6, 1971

RECORDED: VOL. 306 Reeves Co.

PAGE 815

92676

**All that part of lease outside Rainbow State Gas Unit#1 and Steelhead Unit.

PLEASE STAMP, SIGN, DATE (YOUR RECEIVING DATE) AND RETURN THE ENCLOSED (GREEN) DEPOSIT RECEIPT BY NEXT MAIL IN THE ENCLOSED STAMPED ADDRESSED ENVELOPE.

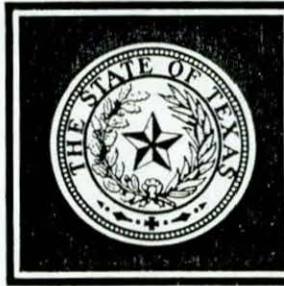
FOREST OIL CORPORATION
1300 N B C Bldg. San Antonio, Texas 78205

(121)

82
5

450

(32) M-66110
Rental Payment
6-11-75



General Land Office

AUSTIN, TEXAS 78701
BOB ARMSTRONG, COMMISSIONER

RECEIVED

OCT 7 1975

General Land Office

RECEIVED
SEP 23 1975
GAS PURCHASE
ACCOUNTING

September 23, 1975

(121)

Lone Star Producing Company
301 S. Harwood
Dallas, Texas 75201

ATTENTION: ACCOUNTING MANAGER

B

RE: State Leases M-66160, M-66161, M-66162 and M-66163
State Tracts 171, 172, 181 and 182
Matagorda Bay, South Field
Matagorda County, Texas

Gentlemen:

This is to advise that the statutes require certain records to be filed in the General Land Office each month pertaining to production for the preceding month when a lease is producing.

The files of this office do not show the following records to have been received:

BTU Statement for June, 1975.

Please file these records at the earliest possible time.

In order to expedite the handling of your correspondence, please direct your reply to the undersigned Supervisor.

Sincerely yours,

Charles F. Whitsel
Charles F. Whitsel, Supervisor
Resource Accounting
Telephone No. 512-475-2858
LAB/glc

66110

33

CONFERENCE FILE

Lone Star Prod.

9-23-75 pm



FOREST OIL CORPORATION

Forest Oil Building. P.O. Box 1916 Midland, Texas 79701

January 14, 1976

P4-6723 WT/Loving-Reeves-Ward - Mentone
Forest Oil Corporation -
Rainbow State Well No. 1
Loving County, Texas

Honorable Bob Armstrong
Commissioner of General Land Office
Austin, Texas 78701

Dear Sir:

In connection with your file No. M-66110 and M-64567 this is to advise that captioned well was shut in on or about September 18, 1975 and remedial operations commenced immediately thereafter. Workover operations are still in progress on subject well.

Yours very truly,

FOREST OIL CORPORATION

Robert J. Castor
Division Landman

RJC:wh

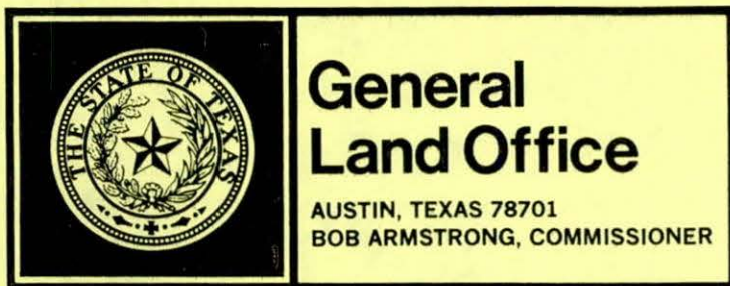
RECEIVED
JAN 16 1976
General Land Office

(34)

M-66110

L. Fr. Fr. Forest Oil Corp

1-16-76 MPM



March 16, 1976

El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas 79998

RE: State Lease M-66110
All of Section 69, and 8 acres Pecos River,
Blk.33 H & TC Ry. Co. Survey
Loving and Ward Counties, Texas
Gas Division Order No. 7004-A

Gentlemen:

This letter is issued in lieu of the ordinary form of "Division Order" prepared by the oil companies primarily for execution by the individual royalty owner.

Inasmuch as the statutes provide the royalties the State shall receive, it is felt that it would not be in conformity with the law on the subject for this Division to execute your division order and thereby attempt to bind the State by the provisions contained therein.

This Division, insofar as permitted under the law, acquiesces in the sale of the oil and/or gas to you from this lease, which oil and/or gas shall become your property when the State has been paid for same, as prescribed by law and under the terms and conditions as set out in the lease covering the area in question.

Very truly yours,

Barbara Fry, Attorney
Energy Resources
Phone: 512-475-6749
Enclosure

El Paso NATURAL GAS
COMPANY

P.O. BOX 1492
EL PASO, TEXAS 79978
PHONE: 915-543-2600

RECEIVED
MAR 11 1976
General Land Office

12

March 8, 1976

Commissioner of the General Land Office
State of Texas
Austin, Texas 78701

Re: Rainbow State No. 1 Well 66110
Brooks State No. 1 Well 64566 - 64567
Dolly Varden No. 1 Well 66110
El Paso State No. 1 Well 64566
Loving and Ward Counties, Texas

Gentlemen:

Enclosed are two copies each of superseding Division Order Nos. 6703-C, 6777-C, 7004-A and 6649-B applicable to the captioned providing for payment of the interest of the State of Texas which is taken in-kind effective September 1, 1975 and further provides for payments to Mr. M. McDonnold, Jr., Trustee for his working interest effective January 1, 1976. If these instruments meet with approval, please execute one copy of each for return to this office.

By copies of this letter we are forwarding two copies each of the above mentioned division orders to the remaining working interest owners with the request that each execute one copy for return to this office.

Proceeds have been released for payment to the State of Texas and Mr. M. McDonnold, Jr., Trustee in anticipation of their prompt execution and return of the enclosed division orders. Payments made to the remaining interest owners will be forwarded on a regular basis without interruption.

Very truly yours,



H. J. Dekker
Manager
Gas Accounting Division

BF:mmm
Enclosures

cc: Forest Oil Corporation
1500 Colorado National Bank Building
Denver, Colorado 80202
Attention: Mr. John C. McCord
(Enclosures)

Gulf Oil Corporation
P. O. Drawer 1150
Midland, Texas 79701
Attention: Mr. Graham Bevel
(Enclosures)

Mr. M. McDonnold, Jr., Trustee
822 Building of the Southwest
Midland, Texas 79701
(Enclosures)

EL PASO NATURAL GAS COMPANY

DIVISION ORDER

Page 1 of 2
RECEIVED

MAR 11 1976

General Land Office

To: El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas 79999

Date March 4, 1976Division Order No. 7004-A

Supersedes and replaces Division Order No. 7004.

The undersigned, and each of us, certify and guarantee that we are the legal owners in the proportions set out below (or on the schedule attached hereto and made a part hereof) of an interest in the natural gas and components thereof, and are authorized to sell such interest in all gas produced from the hereinafter described land, including the royalty interest, which may be purchased by you from wells now or hereafter completed on the following described land:

PROPERTY IDENTITY CODE: SIC NOS. 96-030-06665, 06666 DOLLY VARDEN #1 (FUSSELMAN):
SIC NOS. 96-031-06665, 06666 DOLLY VARDEN #1 (ELLENBURGER):

All of Section 69 and 8 acres Pecos River, Block 33, H&TC Ry. Co. Survey,

Loving and Ward Counties Texas
County, State of Texas
Effective See Attached Exhibit "A" and until further written notice from you or us, you are hereby authorized to take into your pipe line the natural gas and components thereof produced from the above described acreage and make payment therefor as follows, in accordance with the terms of that certain Gas Purchase Agreement between El Paso Natural Gas Company and See Attached Exhibit "A"

and all renewals or modifications thereof, subject to the following conditions as to payment:

PAYEE CODE NO.	CONTRACT CODE	CREDIT TO	ADDRESS	DIVISION OF INTEREST
-------------------	------------------	-----------	---------	-------------------------

See Attached Exhibit "A"

NOTICE - SETTLEMENT INFORMATION - Settlement will be made in accordance with this instrument and will be identified on check stubs and Settlement Statements by PROPERTY IDENTITY (SLC Nos.), PAYEE AND CONTRACT CODES. These codes should be maintained for payment identification. Questions concerning settlement, should include reference to the above assigned codes, to the attention of Gas Accounting Division.

FIRST - Payment for the natural gas and all components thereof purchased and received by you pursuant to said Gas Purchase Agreement shall be made in accordance with the terms of said Gas Purchase Agreement and shall be paid for to the undersigned or their assigns in proportion to their respective interest shown above, at the applicable price specified in said Gas Purchase Agreement. Settlement therefor shall be made by mailing or delivering to the persons above named in the division of interest, their heirs, assigns, or legal representatives, on or before the day provided for in said Gas Purchase Agreement, a check or draft for the amount due on account of the natural gas and components so purchased. It is agreed that if, at any settlement date, the amount payable to any party hereunder shall be less than **Ten Dollars**, you may withhold payment until the amount payable to such party equals or exceeds the sum of **Ten Dollars**, in which event payment shall be made at the next regular settlement date. Upon termination of this agreement, payment shall be made to the respective parties entitled thereto regardless of the amount or amounts due.

SECOND - In the event of any adverse claim or dispute arising at any time concerning title to said land or to the natural gas and components thereof produced therefrom, or concerning the right to share in the proceeds from the sale of said natural gas and components thereof, you are authorized to withhold, to the extent which you deem necessary for your protection, the proceeds accruing from purchases hereunder, without interest and without liability (except as a stakeholder), until indemnity satisfactory to you has been furnished or until such dispute or claim has been settled to your satisfaction. Each undersigned party, as to the interest of such party hereunder, respectively agrees, in the event suit is filed in any court affecting title to said natural gas and components thereof or proceeds thereof either before or after severance, to indemnify and save you harmless against any and all liability for loss, cost, damage, and expense which you may suffer or incur on account of receiving and paying said party the proceeds derived from the sale of said gas and all components thereof.

THIRD - The undersigned severally agree to notify you of any change of ownership, and no transfer of interest shall be binding upon you until a proper transfer order and the recorded instrument evidencing such transfer, or a certified copy thereof, shall be furnished to you. Transfer of interest shall be made effective not earlier than the first day of the calendar month following receipt of such notice by you. You are hereby relieved of any responsibility for determining if and when any of the interests hereinabove set forth shall or should revert to or be owned by other parties as a result of the completion or discharge of money or other payments from said interests, and the signers hereof whose interests are affected by such money or other payments, if any, agree to give you notice in writing by registered letter addressed to EL PASO NATURAL GAS COMPANY, Post Office Box 1492, El Paso, Texas 79999, when any such money or other payments have been completed or discharged, or when any other division of interest than that set forth above shall, for any reason, become effective and to furnish transfer orders accordingly, and that, in the event such notice shall not be received, you shall be held harmless in the event of, and are hereby released from, any and all damage or loss which might arise out of any overpayment or payment to a party whose interest has terminated.

~~FOURTH - As a matter of accommodation to us, you are hereby authorized to deduct and pay to the proper taxing authorities, all production and severance taxes required to be paid applicable to the respective interests of the undersigned in the natural gas and components thereof or in the proceeds of natural gas and components thereof produced from the above described lands, unless one or more of the undersigned furnishes you with written instructions not to pay such taxes and proceeds, in which case you are hereby authorized to pay such taxes and proceeds to the proper taxing authorities.~~

FIFTH - This order shall become valid and binding on each owner named above as soon as signed by each such owner, regardless of whether or not all of the owners have so signed.

SIXTH - In case of any inconsistency or conflict between the above mentioned Gas Purchase Agreement and this Division Order, the Gas Purchase Agreement shall prevail.

WITNESSES
(Sign Below)

OWNERS
(Sign Below)

ATTEST:

FOREST OIL CORPORATION

By:

ATTEST:

GULF OIL CORPORATION

By:

Witness:

Commissioner of the General Land Office
of the State of Texas

Witness:

M. McDonnold, Jr., Trustee

BF

EL PASO NATURAL GAS COMPANY

RECEIVED

MAR 11 1976

General Land Office

Exhibit "A"

Attached to and Made a Part of Division Order No. 7004-A

Page 1 of 2

PAYEE CODE NO.	CONTRACT CODE	CREDIT TO	ADDRESS	DIVISION OF INTEREST
<u>Effective Date September 1, 1975 Through December 31, 1975</u>				
16211	8253	Commissioner of the General Land Office of the State of Texas	Austin, TX 78701	.205761% RI (Tax Exempt)
28248	7944	Forest Oil Corporation	1500 Colorado National Bank Building Denver, CO 80202	55.545686% Gross WI (Including Taxes)
33878	8128	Gulf Oil Corporation	P. O. Drawer 1150 Midland, TX 79701	22.124276% Gross WI (Including Taxes)
24890	2776	El Paso Natural Gas Company	P. O. Box 1492 El Paso, TX 79978	19.358743% Net WI (Including Taxes)
28248	2776	Forest Oil Corporation for A/C of Fee Royalty Applicable to EPNG Co. WI	1500 Colorado National Bank Building Denver, CO 80202	2.765534% Fee RI (Less Taxes)
				<u>100.000000%</u>
<u>Effective Date January 1, 1976</u>				
16211	8253	Commissioner of the General Land Office of the State of Texas	Austin, TX 78701	.205761% RI (Tax Exempt)
28248	7944	Forest Oil Corporation	1500 Colorado National Bank Building Midland, TX 79701	55.455764% Gross WI (Including Taxes)
33878	8128	Gulf Oil Corporation	P. O. Drawer 1150 Midland, TX 79701	22.088461% Gross WI (Including Taxes)
54315	8250	M. McDonnold, Jr., Trustee	822 Building of the Southwest Midland, TX 79701	.161553% Gross WI (Including Taxes)
24890	2776	El Paso Natural Gas Company	P. O. Box 1492 El Paso, TX 79978	19.355868% Net WI (Including Taxes)
28248	2776	Forest Oil Corporation for A/C of Fee Royalty Applicable to EPNG Co. WI	1500 Colorado National Bank Building Denver, CO 80202	2.732593% Fee RI (Less Taxes)
				<u>100.000000%</u>

EL PASO NATURAL GAS COMPANY

RECEIVED

MAR 11 1976

Exhibit "A"

Attached to and Made a Part of Division Order No. 7004-A

General Land Office

Page 2 of 2

PAYEE CODE NO.	CONTRACT CODE	CREDIT TO	ADDRESS	DIVISION OF INTEREST
-------------------	------------------	-----------	---------	-------------------------

Note: Under terms of the Gas Balancing Agreement attached as Exhibit "A" to the Operating Agreement dated August 12, 1973, any party desiring to take delivery of gas which has remained in storage, shall upon notification to the operator be entitled to take, or deliver to a purchaser a volume of gas equal to its share, plus fifty percent of the overproduced parties' volume until its share of gas is balanced.

Forest Oil Corporation, as operator, shall advise El Paso as to the volumes of gas attributable to the underproduced parties' share so that balancing percentages may be established to account for their take of gas.

Each of the above parties assumes the responsibility for the payment of or the arrangement for the payment of all working interests, royalties, overriding royalties and other similar interests in production applicable to its interest in the above described acreage.

Gas Purchase Contract With State of Texas Dated September 1, 1975
 Gas Purchase Contract With Forest Oil Corporation Dated April 2, 1974
 Gas Purchase Contract With Gulf Oil Corporation Dated July 15, 1975
 Gas Purchase Contract With M. McDonnold, Jr., Trustee Dated January 1, 1976

M.F. 6611D
CORRESPONDENCE FILE

To

DIVISION ORDER

From

BF

Dated

3-16-76 rs m

36

MINERAL ACCOUNTING
MEMORANDUM

(File in "B" File)

RE: M- 66110 A

Operator _____

Lease _____

County _____

Split from M- _____
which is

☐

Producing

☐

Nonproducing

Date

Name

FROM: Mineral Accounting

TO: Exploration & Development

TO: Legal

7-13-76 Ray Wagener

NONPRODUCING

____ Delay Rental Due On _____ Not Received

✓ Primary Term Expired 7-6-76

PRODUCING STATUS

OIL: No production reported from _____ through _____
mo./year mo./year

Oil Royalty Status: ☐ Due \$ _____ ☐ Royalty paid in full

Name _____

GAS: No production reported from _____ through _____
mo./year mo./year

Gas Royalty Status: ☐ Due \$ _____ ☐ Royalty paid in full

Name _____

RENTAL: Non-unit acreage only

MAPS: No Loc. JM 7/13/76

B

October 25, 1976
GLO 343

Forest Oil Company
1500 Colorado National Building
950 17th. Street
Denver, Colorado 80202

ATTENTION: W. J. Stark
Legal Division

RE: State Lease M-66110
Vermejo Field
Loving County, Texas

Gentlemen:

^{GAS}
The Gas Purchase Agreement between you, as seller, and El Paso Natural, as buyer, dated May 1, 1975, which includes the above State Lease is due to be renegotiated on May 1, 1977.

Please furnish this office a copy of the document covering gas sales after May 1, 1977. If it is your intent not to renegotiate at this time, please advise.

Sincerely yours,

Harry T. Finnell, Supervisor
Resource Accounting
Phone: 512 475-4541

HF/1g

M. F. 66 110 (38)

CORRESPONDENCE FILE

To Forest oil co.

~~From~~

Dated 10-25-76

RECEIVED

APR 9 1976

General Land Office



FOREST OIL CORPORATION

Forest Oil Building. P.O. Box 1916 Midland, Texas 79701

April 8, 1976

P4-6723 WT/Loving-Reeves-Ward -
Mentone

Forest Oil Corporation -

Dolly Varden Well No. 1

Ward County, Texas

M-66110-B

Honorable Bob Armstrong
Commissioner of General Land Office
Austin, Texas 78701

Dear Sir:

In connection with your file No. M-66110 this is to advise that the captioned well was shut in for remedial work on March 30, 1976 and such workover operations were commenced immediately thereafter and are now in progress.

Yours very truly,

FOREST OIL CORPORATION

Robert J. Castor
Division Landman

RJC:

39 M. F. 66110

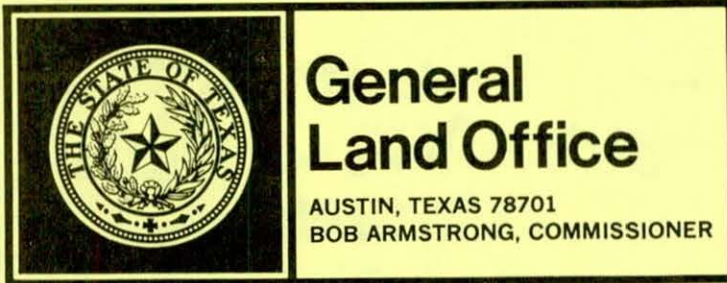
CORRESPONDENCE FILE

To

Forest Oil Corp.

From

Dated 4.8.76



June 15, 1977
GLO 343

Forest Oil Company
5600 Colorado National Building
950 17th. Street
Denver, Colorado 80202
ATTENTION: W. J. Stark
Legal Division

SECOND REQUEST

RE: State Lease M-66110
Vermejo Field
Loving County, Texas

Gentlemen:

Enclosed is a copy of our letter to you dated **October 25, 1976** and as of this date we have not received a reply to this letter.

In order to expedite the handling of your correspondence, please direct your reply to the undersigned Supervisor.

Your prompt attention to this matter is requested.

Sincerely yours,

Harry T. Finnell, Supervisor
Resource Accounting
Telephone No. **512 475-4541**
Enclosure

HF/1g

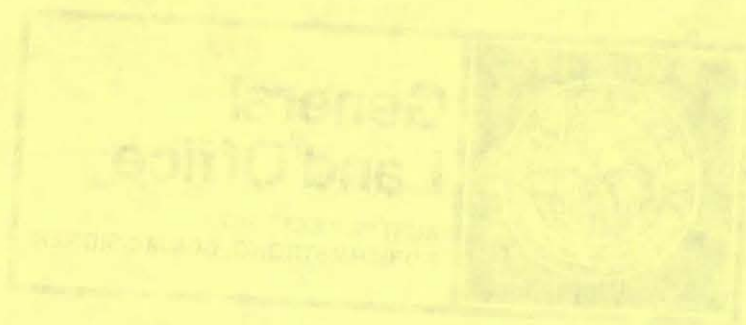
(41) M. F. 66110

CORRESPONDENCE FILE

To West Oil Co.

FROM

Dated 6-15-77





FOREST OIL CORPORATION

1500 Colorado National Building 950 17th Street.

Denver, Colorado 80202

June 22, 1977

General Land Office
Austin, TX 78701

Attn: Harry T. Finnell
Supervisor
Resource Accounting

Re: P4-6727
TX/Loving - Vermejo
C&A - Oil & Gas Sales
El Paso Natural Gas Co.
Dolly Varden #1
State Lease M-66110

Gentlemen:

In response to your letter of June 15, 1977, please find enclosed a copy of the Amendatory Agreement between Forest Oil Corporation and El Paso Natural Gas Company establishing the redetermined price, effective May 5, 1977, for gas sold under the Gas Purchase Agreement between Forest and El Paso dated May 1, 1975, which includes the above State lease.

If you require any additional information, feel free to contact me.

Very truly yours,

FOREST OIL CORPORATION

Randolph C. Bruton
Randolph C. Bruton
Legal Department

RCB/dkm

Enclosure

cc: Mac Williams - Midland

(42) M. P. 66110

CORRESPONDENCE FILE

① West Oil Corp

From

Dated 6-25-77

JS
14
File

El Paso GAS TRANSPORTATION
COMPANY
A DIVISION OF EL PASO NATURAL GAS COMPANY

P. O. BOX 1492
EL PASO, TEXAS 79978
PHONE: 915-543-2600

66110

February 15, 1978

Forest Oil Corporation
P. O. Box 1916
Midland, Texas 79702

Attention: Mr. Mac Williams

Re: Mentone Prospect-Vermejo Field
Loving and Ward Counties, Texas
Steelhead Unit Well No. 1
Cutthroat Unit Well No. 1-R

Gentlemen:

We are returning for your files two fully executed
copies each of two Amendatory Agreements both dated
February 3, 1978, which provide for a redetermined
price for the gas production from the captioned wells.

Very truly yours,

F. G. Bernard

For: Fred G. Bernard
Manager, Gas Purchases

DBG:la
Attachments

63

M. F. 66110

CORRECTION

To Forest

From

Dated 2-15-78

2020

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Check one: ☒ DRILL ☐ DEEPEN (Below Casing) ☐ DEEPEN (Within Casing) ☐ PLUG BACK ☐ OTHER (Specify) _____

If Amended Application, explain fully in Remarks or Attach Separate Page.

1. Operator

Forest Oil Corporation

2. Address (Including City and Zip Code)

P. O. Box 1916
Midland, Texas 79702

3. Is Form P-5 (Organization Report) in Exact Operator Name Filed?

YES ☒ NO ☐ (Instruction (2) on back side.)

4. Lease Name

Golden Unit

MAY 27, 1977

5. Location (Sec., Blk., Survey)

Sec. 68, Blk. 33, H&TC Ry. Co. Survey

6. This well is to be located _____ miles _____ SE

Direction from: Mentone

Nearest Post Office or Town.

7. R.R.C. District

8

8. County

Ward

9. Well Number

1

10. Number of Acres in Lease

643.9

11. Distance from Proposed Location to Nearest Property or Lease Line (ft.)

1,000'

12. Total Depth

19,050'

EACH PROPOSED COMPLETION

REFER TO INSTRUCTIONS ON BACK SIDE. READ CAREFULLY AND FURNISH COMPLETE DATA.

13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.
FIELD NAME (Exactly as shown on R.R.C. Promotion Schedule, including Reservoir if applicable.) If Well not, so state below.	Completion Depth	All Prior Rule 37 Case Numbers for this wellbore. If none, State None.	Applicable Field Rules Spacing Pattern, If no Rules, State 467-1200. (ft.)	Applicable Field Rules Density Pattern, If no Rules, State 40. (acres)	Number of Acres in Drilling Unit for this Well AND DESIGNATE ON PLAT.	Is this acreage presently assigned to another well in same field? (Yes or No. If yes explain in remarks.)	Distance from proposed location to nearest drilling completed or applied for well in same reservoir on same lease (ft.)	Is this a 1. Regular or 2. Rule 37 Location? Check the appropriate box.	Oil, Gas, or other Type Well (Specify)	Number of Wells or Permitted Locations on this Lease in same Reservoir for which this Permit is Requested?
Vermejo (Fusselman) Field	18,700	None	1000	640	643.9	No	---	Regular 1 ☒ Rule 37 2 ☐	Gas	---
Vermejo (Ellenburger) Field	20,730	None	1000	640	643.9	No	---	Regular 1 ☒ Rule 37 2 ☐	Gas	---
								Regular 1 ☐ Rule 37 2 ☐		

24. PERPENDICULAR LOCATION FROM TWO DESIGNATED LEASE LINES AND SURVEY LINES AND DISTANCE AND DIRECTION TO NEAREST WELL IN SAME FIELD.

4781' FNEL & 1000' FNWL Sec. 68, Blk. 33, H&TC Ry. Co. Survey, Ward Co., Texas; #1 Brown Unit Well 2035' NNE of Forest

NOTICE

NO ALLOWANCE WILL BE ASSIGNED to any well which does not have sufficient surface casing to protect all fresh water sands. Where Commission rules do not specify surface casing requirements, it will be necessary to contact Texas Water Development Board, Austin, Texas, to ascertain the depths to which fresh water sands must be protected.

REMARKS:

Comp: 5/11/78 (Set)
P.F.: 18,918-970
1 P.F.: 4400 MCFG)
T.D.: 19,050

CERTIFICATE

I declare under penalties prescribed in Article 6036c, N. C. S., that I am authorized to make this report, that this report was prepared by me or under my supervision and direction, and that data and facts stated therein are true, correct, and complete to the best of my knowledge.

Signature: Steve Baumgardner
Steve Baumgardner, Landman

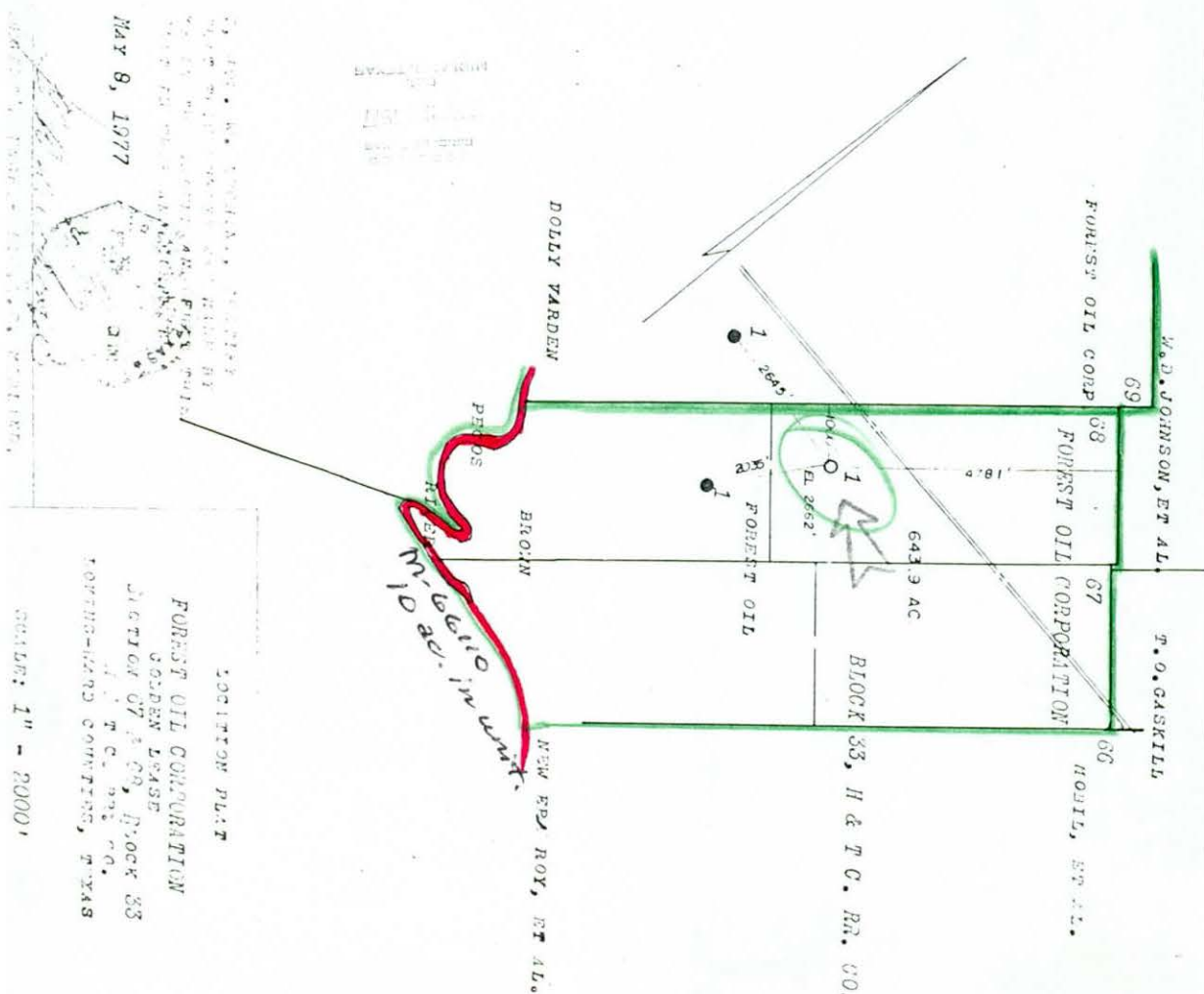
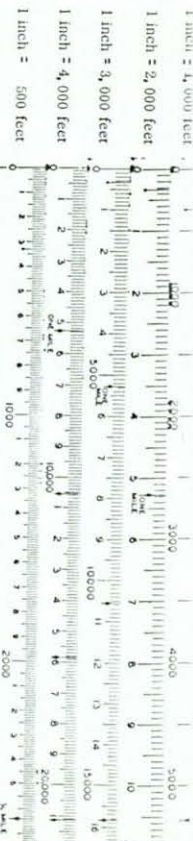
Date: May 17, 1977

Telephone: Area Code 915 683-1851

READ INSTRUCTIONS ON BACK SIDE AND FURNISH COMPLETE DATA.

Statewide PLAT SERVICE
P. O. DRAWER 1887, AUSTIN, TEXAS 78767

SCALE OF MAP



WELL STATUS REPORT

OPERATOR Forest Oil Corp.

STATE LEASE NO. _____ FEE _____ R.A.L. _____ FREE ROYALTY _____

OFFSET, APPROX. in UNIT _____ FT. FROM STATE LEASE M-66110

LEASE Golden Unit _____ WELL NO. 1

FIELD NAME Vermejo Ellen. _____ WILDCAT _____ COUNTY Ward

REPORT NO. 1st _____ SPUD DATE _____ DRILLING DEPTH _____

COMPLETION DATE _____ TOTAL DEPTH _____

PERFS _____ 1ST COMPLETION: YES _____ NO _____

POTENTIAL/TEST: OIL _____ GAS _____ D&A _____

REMARKS: They are not drilling on this location this date. No rig ?

BA/jmh/gs

2-25-75


INSPECTOR

DATE June 15, 1977

WELL STATUS REPORT

OPERATOR Forest Oil Corp.
STATE LEASE NO. M-66110 In Unit FEE _____ R.A.L. _____ FREE ROYALTY _____
OFFSET, APPROX. _____ FT. FROM STATE LEASE _____
LEASE Golden Unit WELL NO. 1
FIELD NAME Vermejo Ellen. WILDCAT _____ COUNTY Ward
REPORT NO. 2nd SPUD DATE _____ DRILLING DEPTH _____
COMPLETION DATE _____ TOTAL DEPTH _____
PERFS _____ 1ST COMPLETION: YES _____ NO _____
POTENTIAL/TEST: OIL _____ GAS _____ D&A _____
REMARKS: They have not moved in a rig to drill this location ?

BA/jmh/gs

2-25-75


INSPECTOR

DATE July 18, 1977

WELL STATUS REPORT

OPERATOR Forest Oil Corp.

STATE LEASE NO. M-66110 10 acres in UNIT FEE R.A.L. FREE ROYALTY

OFFSET, APPROX. FT. FROM STATE LEASE

LEASE Golden Unit WELL NO. 1

FIELD NAME Vermejo Ellen. WILDCAT COUNTY Ward

REPORT NO. 3rd SPUD DATE 7-19-77 DRILLING DEPTH 6900 feet

COMPLETION DATE TOTAL DEPTH

PERFS 1ST COMPLETION: YES NO

POTENTIAL/TEST: OIL GAS D&A

REMARKS:

BA/jmh/gs

2-25-75



INSPECTOR

August 23, 1977

DATE

WELL STATUS REPORT

OPERATOR Forest Oil Corp.

STATE LEASE NO. M-66110 In Unit FEE R.A.L. FREE ROYALTY

OFFSET, APPROX. FT. FROM STATE LEASE

LEASE Golden Unit WELL NO. 1

FIELD NAME Vermejo Ellen. WILDCAT COUNTY Ward

REPORT NO. 4th SPUD DATE 7-19-77 DRILLING DEPTH 10,158 feet

COMPLETION DATE TOTAL DEPTH

PERFS 1ST COMPLETION: YES NO

POTENTIAL/TEST: OIL GAS D&A

REMARKS:

BA/jmh/gs

2-25-75


INSPECTOR

DATE Sept 12, 1977

WELL STATUS REPORT

OPERATOR Forest Oil Corp.

STATE LEASE NO. M-66110 In Unit FEE _____ R.A.L. _____ FREE ROYALTY _____

OFFSET, APPROX. _____ FT. FROM STATE LEASE _____

LEASE Golden Unit WELL NO. 1

FIELD NAME Vermejo Ellen. WILDCAT _____ COUNTY Ward

REPORT NO. 5th SPUD DATE 7-19-77 DRILLING DEPTH 12,084 feet

COMPLETION DATE _____ TOTAL DEPTH _____

PERFS _____ 1ST COMPLETION: YES _____ NO _____

POTENTIAL/TEST: OIL _____ GAS _____ D&A _____

REMARKS: _____

BA/jmh/gs

2-25-75


INSPECTOR

DATE Oct 10, 1977

WELL STATUS REPORT

OPERATOR Forest Oil Corp.

STATE LEASE NO. M-66110 IN UNIT FEE R.A.L. FREE ROYALTY

OFFSET, APPROX. FT. FROM STATE LEASE

LEASE Golden Unit WELL NO. 1

FIELD NAME Vermejo Ellen. WILDCAT COUNTY Ward

REPORT NO. 6th SPUD DATE 7-19-77 DRILLING DEPTH 14,124 feet

COMPLETION DATE TOTAL DEPTH

PERFS 1ST COMPLETION: YES NO

POTENTIAL/TEST: OIL GAS D&A

REMARKS:

BA/jmh/gs

2-25-75


INSPECTOR

DATE Nov 1, 1977

WELL STATUS REPORT

OPERATOR Forest Oil Corp.

STATE LEASE NO. M-66110 IN UNIT
FEE _____ R.A.L. _____ FREE ROYALTY _____

OFFSET, APPROX. _____ FT. FROM STATE LEASE _____

LEASE Golden Unit WELL NO. 1

FIELD NAME Vermejo Ellen WILDCAT _____ COUNTY Ward

REPORT NO. 7th SPUD DATE 7-19-77 DRILLING DEPTH 15,872 feet

COMPLETION DATE _____ TOTAL DEPTH _____

PERFS _____ 1ST COMPLETION: YES _____ NO _____

POTENTIAL/TEST: OIL _____ GAS _____ D&A _____

REMARKS: _____

BA/jmh/gs

2-25-75


INSPECTOR

DATE Nov 29, 1977

WELL STATUS REPORT

OPERATOR Forest Oil Corp.

STATE LEASE NO. M-66110 In UNIT FEE R.A.L. FREE ROYALTY

OFFSET, APPROX. FT. FROM STATE LEASE

LEASE Golden Unit WELL NO. 1

FIELD NAME Vermejo Ellen. WILDCAT COUNTY Ward

REPORT NO. 8th SPUD DATE 7-19-77 DRILLING DEPTH 17,818 feet

COMPLETION DATE TOTAL DEPTH

PERFS 1ST COMPLETION: YES NO

POTENTIAL/TEST: OIL GAS D&A

REMARKS:

BA/jmh/gs

2-25-75


INSPECTOR

DATE Jan 17, 1978

WELL STATUS REPORT

OPERATOR Forest Oil Corp.

STATE LEASE NO. M-66110 10 acres in Unit
FEE _____ R.A.L. _____ FREE ROYALTY _____

OFFSET, APPROX. _____ FT. FROM STATE LEASE _____

LEASE Golden Unit WELL NO. 1

FIELD NAME Vermejo Ellen. WILDCAT COUNTY Ward

REPORT NO. 9th SPUD DATE 7-19-77 DRILLING DEPTH 17,818 feet

COMPLETION DATE	TOTAL DEPTH
12/1/54	100
12/2/54	100
12/3/54	100
12/4/54	100
12/5/54	100
12/6/54	100
12/7/54	100
12/8/54	100
12/9/54	100
12/10/54	100
12/11/54	100
12/12/54	100
12/13/54	100
12/14/54	100
12/15/54	100
12/16/54	100
12/17/54	100
12/18/54	100
12/19/54	100
12/20/54	100
12/21/54	100
12/22/54	100
12/23/54	100
12/24/54	100
12/25/54	100
12/26/54	100
12/27/54	100
12/28/54	100
12/29/54	100
12/30/54	100
12/31/54	100
1/1/55	100
1/2/55	100
1/3/55	100
1/4/55	100
1/5/55	100
1/6/55	100
1/7/55	100
1/8/55	100
1/9/55	100
1/10/55	100
1/11/55	100
1/12/55	100
1/13/55	100
1/14/55	100
1/15/55	100
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1/31/55	100
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3/13/55	100
3/14/55	100
3/15/55	100
3/16/55	100
3/17/55	100
3/18/55	100
3/19/55	100
3/20/55	100
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4/4/55	100
4/5/55	100
4/6/55	100
4/7/55	100
4/8/55	100
4/9/55	100
4/10/55	100
4/11/55	100
4/12/55	100
4/13/55	100
4/14/55	100
4/15/55	100
4/16/55	100
4/17/55	100
4/1	

PERFS 1ST COMPLETION: YES NO

POTENTIAL/TEST: OIL GAS D&A

REMARKS:

BA/jmh/gS

2-25-75

James Weatherly
INSPECTOR

DATE Feb 14, 1978

WELL STATUS REPORT

OPERATOR Forest Oil Corp.

IN UNIT

STATE LEASE NO. M-66110

FEE

R.A.L.

FREE ROYALTY

OFFSET, APPROX. FT. FROM STATE LEASE

LEASE Golden Unit

WELL NO. #1

FIELD NAME Vermejo Ellen.

WILDCAT

COUNTY Ward

REPORT NO. 10th

SPUD DATE 7-19-77

DRILLING DEPTH 18,073 feet

COMPLETION DATE TOTAL DEPTH

PERFS 1ST COMPLETION: YES NO

POTENTIAL/TEST: OIL GAS D&A

REMARKS:

BA/jmh/gs

2-25-75



INSPECTOR

March 15, 1978

DATE

WELL STATUS REPORT

OPERATOR Forest Oil Corp.
STATE LEASE NO. M-66110 IN UNIT FEE R.A.L. FREE ROYALTY
OFFSET, APPROX. FT. FROM STATE LEASE
LEASE Golden Unit WELL NO. #1
FIELD NAME Vermejo Ellen. WILDCAT COUNTY Ward
REPORT NO. 11th SPUD DATE 7-19-77 DRILLING DEPTH
COMPLETION DATE TOTAL DEPTH 19,050 feet
PERFS 1ST COMPLETION: YES NO
POTENTIAL/TEST: OIL GAS D&A
REMARKS: Ran 4½ inch liner.

BA/jmh/gs

2-25-75


INSPECTOR
April 10, 1978
DATE

WELL STATUS REPORT

OPERATOR Forest Oil Corp. IN UNIT _____
STATE LEASE NO. M-66110 FEE _____ R.A.L. _____ FREE ROYALTY _____
OFFSET, APPROX. _____ FT. FROM STATE LEASE _____
LEASE Golden Unit WELL NO. #1
FIELD NAME Vermejo Ellen. WILDCAT _____ COUNTY Ward
REPORT NO. 12th SPUD DATE 7-19-77 DRILLING DEPTH _____
COMPLETION DATE Unkown TOTAL DEPTH 19,050 feet
PERFS 18,918-18,970 feet 1ST COMPLETION: YES ?? NO ??
POTENTIAL/TEST: OIL _____ GAS 4.4 MCF/D _____ D&A _____

REMARKS: I saw this in (SAST) and when I checked it at the Midland, Texas Office
of Texas RRC they did not have any thing filed on it ????

BA/jmh/gs

2-25-75


INSPECTOR

DATE May 11, 1978

44

M. F. 66110

APPLICATION TO DRILL

WELL # 1

FILED 5-11 1978

BOB ARMSTRONG, COMMISSIONER

BY: MHJ

June 22, 1979
GLO 690

Forest Oil Corporation
P. O. Box 1916
Midland, Texas 79701

ATTENTION: Mac Williams
Regional Attorney

RE: State Lease M-66110
Vermejo Field
Ward County, Texas

Gentlemen:

The Gas Purchase Agreement between you, as seller, and El Paso Gas Transportation, as buyer, dated January 26, 1976, includes the above State Lease. The price is due to be renegotiated on January 1, 1980.

Please furnish this office a copy of the document covering gas sales after January 1, 1980. If it is your intent not to renegotiate, please advise.

Sincerely yours,

Harry T. Finnell,
Supervisor Gas Contracts
Energy Resources
Phone: 5122 475-4541
HF/lg

(45)

M. F. 66-110

CORRESPONDENCE FILE

To Forest Oil Corp

From

Dated 6-22-79



FOREST OIL CORPORATION

P. O. Box 1916

Forest Building, Midland, Texas 79701

Date

6/25/79

121
JS
H

To

Below

File

From

MAC Williams

☐ For Approval

☐ For Perusal

☐ For Signature

☐ For Comments

☐ For Your File

☐ For Reply

Remarks:

☐ For Appropriate Action

Harry Finkell

m-66110

Supervisor Gas Contracts
Energy Resources

General Land Office

Austin, TEXAS

78701

Return To

(46)
M. F.

66110

CORRESPONDENCE FILE

Forest Oil Corp.

From

Dated 6-25-79

FOREST OIL CORPORATION

1500 COLORADO NATIONAL BUILDING
DENVER, COLORADO 80202



23-2
1020

2756

July 17, 1979

AMOUNT

\$3,600.00

PAY

PAYED 3600.00 DOTS

DEPOSIT RECEIPT

TO
THE
ORDER
OF

COMMISSIONER OF GENERAL LAND OFFICE
AUSTIN, TEXAS 78701



COLORADO
NATIONAL BANK
Phone 893-1862
Denver, Colorado 80217

NO.

12756

shut-in royalty

ACKNOWLEDGES RECEIPT OF THE ABOVE AMOUNT WHICH YOU STATE IS IN FULL PAYMENT OF LEASE RENTAL PAID THE PARTY OR PARTIES NAMED BELOW UNDER TERMS OF AN OIL AND GAS LEASE DESCRIBED BELOW FOR THE PERIOD STATED:

State Lease No. 66110

\$3,600.00

Rainbow State Gas Unit #1, Steelhead Unit,
Dolly Varden Unit

AREA

Loving-Reeves-Ward-
Mantone

LEASE NO.

4211-7

FOR 12 MONTH PERIOD FROM

June 1, 1979

ACRES (MORE OR LESS)

24.23

COUNTY OR PARISH

Reeves & Ward

STATE

Texas

LEASE DATED

July 6, 1971

RECORDED: VOL.

306 Reeves County

PAGE

815 O&GLR

SHUT-IN

RECEIVED, ON THIS DAY _____ 19 _____, THE AMOUNT SHOWN ABOVE

NOTE: IF RECEIVED BY BANK, ONLY SIGNATURE OF BANK
REQUIRED. PLEASE STAMP, SIGN, DATE (DATE RECEIVED)
AND RETURN THIS RECEIPT BY RETURN MAIL.

BY _____ TITLE _____

This money was tendered on 7-19-79
but was not accepted, as the
payment was not due under
the facts. h.g.
7-19-79

M 66110
Tender of Money
File Dated 7-19-79
Bob Armstrong, Commissioner CO

MEMORANDUM

TO: M- 66110 and M- 64848
 FROM: L. Gilbert
 DATE: July 19, 1979 AM
 SUBJECT: SHUT-IN Royalties —

Because of difficulties not on these lease premises, but in the general area, the plant taking the gas from these two leases shut down for safety purposes. It was spewing. The plant shut down on May 25, 1979 at 6:30 PM. Full production was restored on July 16, 1979. This production was interrupted for less than 60 days —

Today Walter Beardsley, Attorney for Forest Oil, tendered payments of \$1750⁰⁰ and \$3600⁰⁰ under M- 66848 and M- ~~360000~~ ⁶⁶¹¹⁰ as a shut-in gas payment, if required by the G.L.O.

Today Josh Howard and Linwood Shivers and I and Walter Beardsley conferred on this matter. No lease language speaks directly to the problem of such an occurrence but we decided that no shut-in payment was due since the leases were off production for less than 60 days. This was an administrative decision I made upon the basis of equity since the lease did not speak on the matter. Had the breakdown extended beyond 60 days we would have accepted the money tendered as a shut-in royalty. We accepted a copy of the tender for the record but did not accept the money.

M 66110

Memo: LegalFile Dated 7-19-79

Bob Armstrong, Commissioner

16-

10
/

FOREST OIL CORPORATION



Forest Oil Building · P.O. Box 1916 · Midland, Texas 79702

October 29, 1982

Re: P2-6723 WT/Loving, Reeves, Ward -
Mentone,
Forest Oil Corporation
Rainbow-State No. 1 Well
FOC L.4211-19 (State Lse. #64567)
covering Section 70, Block 33,
H&TC Ry. Co. Survey, Loving and
Ward Counties, Texas; and
FOC L.4211-7 (State Lse. #66110)
covering Riverbed Tract No. 8,
Reeves and Ward Counties, Texas

The Honorable Bob Armstrong
Commissioner of The General
Land Office
1700 N. Congress
Austin, Texas 78701

Dear Sir:

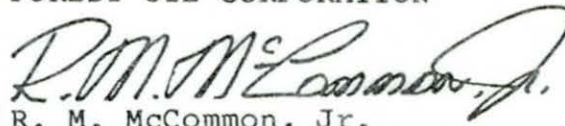
Pursuant to my conversation this date with your Mr. Lanvil Gilbert and in accordance with the terms and provisions of the captioned Oil and Gas Leases, this is to serve as notice from Forest Oil Corporation to The General Land Office that production from the Forest Oil Corporation Rainbow-State No. 1 well, located 500' FNWL and 6600' FNEL of Section 70, Block 33, H&TC Ry. Co. Survey, Loving County, Texas, was re-established as of the morning of September 10, 1982, and production from said well was continuous until the morning of September 13, 1982, when at such time production ceased. Forest Oil Corporation has received its Management's approval to conduct rework operations on the Rainbow-State No. 1 well in order to re-establish production. Such rework operations, however, are now pending our working interest partners approval. Whether our partners elect to participate or go non-consent in such rework operations, we will advise you should Forest Oil Corporation commence rework operations on the Rainbow-State No. 1 well.

Rainbow-State No. 1 Well
October 29, 1982
Page 2

Your cooperation in this matter is appreciated. Should you have any questions or need any additional information, please contact the undersigned.

Very truly yours,

FOREST OIL CORPORATION


R. M. McCommon, Jr.
Landman

RMM:mh

cc: Mr. Lanvil Gilbert
The General Land Office
Austin, Texas

M 66/110

Copy 9, letter from Ford

File Dated 10.29.82

Bob Armstrong, Commissioner '9

161

FOREST OIL CORPORATION



Forest Oil Building - P.O. Box 1916 - Austin, Texas 78702

May 24, 1983

P2-6723 WT/Loving-Reeves-Ward -
Mentone

Forest Oil Corporation
Rainbow-State No. 1 Well
FOC L.4211-9 (State Lse. #64567)
covering Section 70, Block 33,
H&TC Ry. Co. Survey, Loving and
Ward Counties, Texas; and
FOC L.4211-7 (State Lse. #66110)
covering Riverbed Tract No. 8,
Reeves and Ward Counties, Texas

The Honorable Garry Mauro
Commissioner of The
General Land Office
1700 N. Congress
Austin, Texas 78701

Dear Sir:

In accordance with the terms and provisions of the captioned Oil and Gas Leases, this is to serve as notice from Forest Oil Corporation to The General Land Office of the following concerning the Forest Oil Corporation Rainbow-State No. 1 Well located 500' FNWL and 660' FNEL of Section 70, Block 33, H&TC Ry. Co. Survey, Loving County, Texas:

- 1) Forest Oil Corporation commenced rework operations on the Rainbow-State No. 1 Well on March 21, 1983 at 8:00 A.M. for the purpose of re-establishing production.
- 2) Production from the Forest Oil Corporation Rainbow-State No. 1 Well was re-established on April 6, 1983 at 7:45 A.M. and since such time production from said well has been continuous.

Should you have any questions concerning the above or need any additional information, please contact me.

Very truly yours,

FOREST OIL CORPORATION

R. M. McCommon, Jr.
R. M. McCommon, Jr.
Landman

RMM:ms

✓ xc: Mr. Lanvil Gilbert
The General Land Office
1700 N. Congress
Austin, Texas 78701

70

7466110

Her from Forest
5-31-83 R10

00000000

LMC:s1

EL PASO NATURAL GAS COMPANY
NATURAL GAS DIVISION ORDERTO: EL PASO NATURAL GAS COMPANY
c/o MERIDIAN OIL
801 CHERRY STREET
FORT WORTH, TEXAS 76102

March 21, 1988

The undersigned, and each of us, certify and guarantee that, as of the date of this order, we are the legal owners in the proportions set out below (or on the schedule attached hereto and made a part hereof) of an interest in the natural gas and components thereof (if the undersigned is a working interest owner), or of an interest in the proceeds of the natural gas and components thereof (if the undersigned is other than a working interest owner) which may be produced and saved (not used for lease operations) from wells now or hereafter completed on the following described land:

All of Section 69 & 8 acres out of
Pecos River Tract, Blk 33, H & TC Ry.
Co Survey
Containing 648.00 acres, more or less

Loving & Ward

Counties
~~COUNTY~~

STATE OF Texas

03-01-88

Effective as of date of first production and until further written notice from you or us, you are hereby authorized to take into your pipeline the natural gas and components produced from the above described acreage and make payment therefor as follows, subject to and in accordance with the following conditions:

CREDIT TO

ADDRESS

DIVISION OF INTEREST

See Schedule "A" attached
hereto and made a part
hereof.

FIRST - Each of the undersigned agrees that the settlement price hereunder for natural gas and components thereof is the price specified by the effective Gas Purchase Contract applicable to the undersigned's interest. If no Gas Purchase Contract is applicable, the settlement price hereunder for natural gas and components thereof shall be the applicable area rate established from time to time by the Federal Energy Regulatory Commission, or any other governmental body having jurisdiction, for the area for gas and components thereof of like quality and pressure. It is hereby understood and agreed that the settlement price hereunder for natural gas and components thereof shall be the price at the wellhead.

Dolly Varden #1
(Forest Oil Corporation - Operator)

See "Schedule of Leases" attached hereto and made a part hereof.

SECOND - The quantity of natural gas and components thereof produced and saved shall be determined in accordance with the effective Gas Purchase Contract, or if no Gas Purchase Contract is applicable to the undersigned's interest, then by applying the same provisions for measurement and the same method of calculating volumes as is used by El Paso Natural Gas Company in purchasing gas from producers in the same area.

THIRD - Settlement shall be made monthly by mailing or delivering, on or before the last day of each month to the party entitled thereto, a bank check or draft for the amount due for the next preceding month, provided, however, that you are authorized to withhold payment due any individual payee until at least Ten Dollars (\$10.00) has accumulated to the credit of said payee.

FOURTH - In the event of any adverse claim or dispute arising at any time concerning title to said land or to the natural gas and components thereof produced therefrom, or concerning the right to share in the proceeds from the sale of said natural gas and components thereof, you are authorized to withhold, to the extent which you in good faith deem necessary for your protection, the proceeds accruing from purchases hereunder, without interest and without liability (except as a stakeholder), until indemnity satisfactory to you has been furnished or until such dispute or claim has been settled to your satisfaction. Each undersigned party, as to the interest of such party hereunder, respectively agrees, in the event suit is filed in any court affecting title to said natural gas and components thereof or proceeds thereof either before or after severance, to indemnify and save you harmless against any and all liability for loss, cost, damage, and expense which you may suffer or incur on account of receiving and paying said party the proceeds derived from the sale of natural gas and all components thereof.

FIFTH - The undersigned severally agree to notify you of any change of ownership, and no transfer of interest shall be binding upon you until a proper transfer order and the recorded instrument evidencing such transfer, or a certified copy thereof, shall be furnished to you. Transfer of interest shall be made effective not earlier than the first day of the calendar month following receipt of such notice by you. You are hereby relieved of any responsibility for determining if and when any of the interests hereinabove set forth shall or should revert to or be owned by other parties as a result of the completion or discharge of money or other payments from said interests, and the signers hereof whose interests are affected by such money or other payments, if any, agree to give you notice in writing by registered letter addressed to MERIDIAN OIL, 801 Cherry Street, Suite 700, Fort Worth, Texas 76102, when any such money or other payments have been completed or discharged, or when any other division of interest than that set forth above shall, for any reason, become effective and to furnish transfer orders accordingly, and that, in the event such notice shall not be received, you shall be held harmless in the event of, and are hereby released from, any and all damage or loss which might arise out of any overpayment.

SIXTH - As a matter of accommodation to us, you are hereby authorized to deduct and to pay to the proper taxing authorities, all production and severance taxes required to be paid applicable to the respective interest of the undersigned in the natural gas and components thereof produced from the above described lands.

SEVENTH - This order shall become valid and binding on each owner named above as soon as signed by such owner, regardless of whether or not all the above named owners have so signed.

OWNERS
(Sign below)

Social Security or Tax ID Number

SCHEDULE OF LEASES
VARDEN DOLLY #1-L

PAGE 1
DD#: 82090200

APPLICABLE LEASE	FILE NUMBER	LEASE PERCENT OF THE WELL
A) TX-55110	TX-8031	1.234568%
B) VARIOUS	OWNED BY OTHERS	98.765432%
	TOTAL	100.000000%

MERIDIAN OIL PRODUCTION INC.
 EXHIBIT 'A'
 VARDEN DOLLY #1-L
 WARD, TEXAS

PAGE 1
 PID# 20536528
 DO# 820902-00

 * OFFICE USE *
 *

* PC OWNER# * NAME AND ADDRESS LSE TRT INTEREST %

ROYALTY INTEREST

1. 1 1000700 COMMISSIONER OF THE GENERAL LAND OFFICE OF THE STATE OF TEXAS 1700 N. CONGRESS AVE STEPHEN F. AUSTIN BLDG. AUSTIN, TX 78701 A 0.045243
 SSN OR TAX ID:

2. 3 5502821 BRAVO OIL COMPANY FILE 5724 P O BOX 60000 SAN FRANCISCO, CA 94160 B 2.714521
 SSN OR TAX ID:

*** ROYALTY INTEREST TOTAL ----> 2.759764

WORKING INTEREST

3. 3 5506096 PAID BY OTHERS A 0.963115
 B 77.049262
 TOTAL 78.012377
 SSN OR TAX ID: -

4. 1 6000125 MERIDIAN OIL PRODUCTION INC 801 CHERRY ST FT WORTH, TX 76102 A 0.226210
 B 19.001649
 TOTAL 19.227859
 SSN OR TAX ID:

*** WORKING INTEREST TOTAL ----> 97.240236

**** DIVISION ORDER TOTAL -----> 100.000000

Garry Mauro
Commissioner
General Land Office



March 28, 1988

El Paso Natural Gas Co.
c/o Meridian Oil
801 Cherry Street
Fort Worth, Texas 76102

ATTENTION: Land Department

RE: State Lease M-66110
Loving & Ward Counties
All of Section 69 & 8 acres out of Pecos River Tract,
Blk 33, H&TC Ry. Co. Survey
Containing 648.00 acres, more or less

To Whom It May Concern:

This letter is issued in lieu of the ordinary form of "Division Order" prepared by the oil companies primarily for execution by the individual royalty owner.

Inasmuch as the statutes provide the royalties the State shall receive, it is felt that it would not be in conformity with the law for the General Land Office to execute your division order and thereby attempt to bind the State by the provisions contained therein.

The General Land Office, insofar as permitted under the law, acquiesces in the sale of the oil and/or gas to you from this lease, which oil and/or gas shall become your property when the State has been paid for same, as prescribed by law and under the terms and conditions as set out in the lease covering the area in question.

Should you have any questions, please call Michelle Harris at 512/463-5042.

Sincerely,

Jeff Dusenbury, Manager
Royalty Management & Compliance
Texas General Land

JD/MH/db

Enclosure
Copy of Division Order

710

MF
ITEM
TO
FROM
DATE

66110

Division of Agriculture
El Paso Natural Gas Co.
El Paso, Texas
3-28-88



The following information was received from the El Paso Natural Gas Company on March 28, 1988:

The El Paso Natural Gas Company is a subsidiary of the El Paso Corporation, which is a public utility holding company. The El Paso Natural Gas Company is engaged in the production and transportation of natural gas.

The El Paso Natural Gas Company is a major producer and transporter of natural gas in the United States. It has a long history of service to the public and is committed to providing reliable and safe service.

Very truly yours,
[Signature]

Enclosure

1-11-1988

1-11-1988

1-11-1988

1-11-1988

1-11-1988

1-11-1988

1-11-1988

1-11-1988

1-11-1988



Texas General Land Office

Garry Mauro, Commissioner

Stephen F. Austin Building
1700 North Congress Avenue
Austin, Texas 78701-1495
(512) 463-5001

May 6, 1998

I, Garry Mauro, Commissioner of the General Land Office of the State of Texas, do hereby certify that the papers, records, and documents of said office show:

That on July 6, 1971, pursuant to Chapter 271, Acts of the 42nd Legislature, 1931, as amended by House Bill No. 9, Acts of the 46th Legislature, 1939, Chapter 82, Acts of the 50th Legislature, 1947, and subject to all rules and regulations promulgated by the Commissioner of the Texas General Land Office, pursuant to Article 5366, V.C.S. and other applicable statutes and amendments thereto governing drilling and producing operations, and other applicable laws, Bob Armstrong, Commissioner of the Texas General Land Office, executed and delivered State Oil & Gas Lease M-66110, covering "Tract 8, Pecos River, Reeves and Ward Counties, containing approximately 100 acres, bounded on the Northwest by a Northeasterly extension of the Southeast line of Sec. 3, Blk. 3, H&GN R.R. Co. Survey, Reeves County, and is bounded on the Southeast by a Southwesterly extension of the Northwest line of Sec. 66, Blk. 33, H&TC R.R. Co. Survey, Ward County", as shown by the official map filed in the Texas General Land Office, to Forest Oil Corporation, for a cash bonus of \$26,666.67, with a primary term of five (5) years, an annual delay rental of \$5.00 per acre, and a royalty to the State of one-sixth (1/6) of the production of oil and gas from the tract, and, upon the payment of the cash bonus due, and the 1.0% statutory sale fee when required, a copy of the lease was filed in the Texas General Land Office on July 6, 1971, in Mineral File M-66110;

That on August 17, 1973, Forest Oil Corporation, El Paso Natural Gas Company, and Bob Armstrong, Commissioner of the Texas General Land Office, executed a Unitization Agreement and Declaration of Pooled Unit which included lease M-64567 and M-66110, insofar as gas is concerned, and covering an area designated as the Mentone Unit, and said agreement, having been approved by the School Land Board on August 8, 1973, was filed in the Texas General Land Office on November 9, 1973, in Mineral File M-64567;

That on October 19, 1973, Forest Oil Corporation executed a Partial Assignment of Oil and Gas Lease of various interests in lease M-66110, to Gulf Oil Corporation, El Paso Natural Gas Company, Clayton W. Williams, Jr. and M. McDonnold, Jr., Trustee, and reference to said assignment is herein made for all purposes to the instrument which was filed of record in Book 327, Page 389, Oil & Gas Records, Reeves County as well as under file number 426, Assignment Records, Ward County, certified copies of which were filed in the Texas General Land Office on January 29, 1974 and February 12, 1974, in Mineral File M-66110;

That on September 14, 1974, Forest Oil Corporation, American Trading and Production Corporation, Gulf Oil Corporation, Bravo Oil Company successor to Rio Bravo Oil Company and Bob Armstrong, Commissioner of the Texas General Land Office, executed a Unitization Agreement and Declaration of Pooled Unit which included lease M-64568 and M-66110, insofar as gas is concerned, and covering an area designated as the Steelhead, and said agreement, having been approved by the School Land Board on March 18, 1975, was filed in the Texas General Land Office on March 26, 1975, in Mineral File M-64568;

That on August 23, 1974, Forest Oil Corporation, El Paso Natural Gas Company, Gulf Oil Corporation, Bravo Oil Company (formerly Rio Bravo Oil Company), M. McDonnold, Jr., Trustee, Clayton W. Williams, Jr. and Bob Armstrong, Commissioner of the Texas General Land Office, executed a Unitization Agreement and Declaration of Pooled Unit which included lease M-66110, insofar as gas is concerned, and covering an area designated as the Dolly Varden Unit, and said agreement, having been approved by the School Land Board on June 3, 1975, was filed in the Texas General Land Office on June 11, 1975, in Mineral File M-66110;

Chevron USA Production Co.

May 6, 1998

Page 2

That on July 11, 1975, Forest Oil Corporation, Bass Enterprises Production Co., M.M. Slagle, Jr. and Bob Armstrong, Commissioner of the Texas General Land Office, executed a Unitization Agreement and Declaration of Pooled Unit which included lease M-66110, M-64848, M-66109, M-71912, insofar as gas is concerned, and covering an area designated as the W.L.R. Unit, and said agreement, having been approved by the School Land Board on July 15, 1975, was filed in the Texas General Land Office on July 18, 1975, in Mineral File M-64848;

That on August 15, 1975, Railroad Commission Form G-1, Gas Well Back Pressure Test, Completion or Recompletion Report and Log, was filed in the Texas General Land Office in Mineral File M-66110, indicating that well No. 1U, Vermjo (Fusselman), Dolly Varden, was completed as a new well on April 30, 1975;

That on May 22, 1996, effective date of May 1, 1996, Meridian Oil, Inc. assigned to Forest Oil Corporation, various interests in lease M-66110, as well as other leases, and reference to said assignment is herein made for all purposes to the instrument which was filed of record in Volume 96, Pages 547-553, O&GL Records, Loving County, a certified copy of which was filed in the Texas General Land Office on October 3, 1996, in Mineral File M-64566;

That the latest royalty payments for lease M-66110 were received in the Texas General Land Office on March 17, 1998, for gas produced during January, 1998;

IN TESTIMONY WHEREOF, I hereto set my hand and seal of said office the first date above written.

GARRY MAURO
COMMISSIONER

GM/MC

Ms. Nettie Anderson
Chevron USA Production Co.
PO Box 1150
Midland, Texas 79702-1150

Fee: \$100.00

Register No. 41957

Dicta No. 98-080

Files: Mineral Files: M-64566, M-64567, M-64568, M-64848, M-66110

Dicta No. 98-080

72

FILE NO. M-66110

Reeves/Ward COUNTY

4798080

FILED: 5-7 1998

GARRY MAURO, COM'R

BY: McAnnee



Texas General Land Office Reconciliation Billing

Jerry Patterson, Commissioner

PO Box 12873
Austin, TX 78711-2873
(800) 998-4456
7:30 - 5:30 M-F

FILE COPY

SANDRIDGE EXPLORATION AND PRODUCTION LLC
123 ROBERT S KERR AVENUE
OKLAHOMA CITY, OK 73102 6406

Billing Date: 5/2/2011
Billing Due Date: 6/1/2011
Customer Number: C000043941

Invoice	Mineral File	Gas Royalty	Oil Royalty	Penalty	Interest	Total Due
11I00779	MF064568	\$0.00	\$28.39	\$50.00	\$12.63	\$91.02
11I00780	MF064568	\$2,392.93	\$0.00	\$248.79	\$452.22	\$3,093.94
11I00781	MF064568	\$3,817.74	\$0.00	\$381.77	\$75.13	\$4,274.64
11I00783	MF066110	\$499.89	\$0.00	\$100.00	\$8.38	\$608.27
11I00784	MF066110	\$51.15	\$0.00	\$75.00	\$9.80	\$135.95
11I00785	MF066110	\$96.50	\$0.00	\$25.00	\$3.96	\$125.46
Total Due		\$6,858.21	\$28.39	\$880.56	\$562.12	\$8,329.28

Penalty and interest have been calculated thru 5/31/2011. Payment remitted after 5/31/2011 will result in additional penalty and interest charges.

Contact Info: Shirley Chou (512) 463-5408 or shirley.chou@glo.state.tx.us

NOTICE

The new Land Office Royalty Reporting System is set to 'Go Live' on May 20, 2011 and will work with the April 2011 Production Year Month reporting time period.

Please visit <http://www.glo.texas.gov> for up-to-date information needed to be prepared for the 'Go Live' date. If you have any questions, call (512) 463-6850 or e-mail us at glo123@glo.texas.gov. Thank you.

This notice does not constitute an Audit Billing Notice as defined in Section 52.135 of the Texas Natural Resources Code and, consequently, does not preclude the TGLO from conducting further examinations of these leases, time periods or issues.

Detach and return with payment

Reconciliation Billing

SANDRIDGE EXPLORATION AND PRODUCTION LLC

Billing Date: 5/2/2011

Billing Due Date: 6/1/2011

Customer Number: C000043941

Remit Payment To:

Texas General Land Office

PO Box 12873

Austin, TX 78711-2873

Invoice	Mineral File	Gas Royalty	Oil Royalty	Penalty	Interest	Total Due
11I00779	MF064568	\$0.00	\$28.39	\$50.00	\$12.63	\$91.02
11I00780	MF064568	\$2,392.93	\$0.00	\$248.79	\$452.22	\$3,093.94
11I00781	MF064568	\$3,817.74	\$0.00	\$381.77	\$75.13	\$4,274.64
11I00783	MF066110	\$499.89	\$0.00	\$100.00	\$8.38	\$608.27
11I00784	MF066110	\$51.15	\$0.00	\$75.00	\$9.80	\$135.95



Texas General Land Office

PO Box 12873
Austin, TX 78711-2873
(800) 998-4456
7:30 - 5:30 M-F

Jerry Patterson, Commissioner

11I00785	MF066110	\$96.50	\$0.00	\$25.00	\$3.96	\$125.46
Total Due		\$6,858.21	\$28.39	\$880.56	\$562.12	\$8,329.28
Amt. Paid						

Customer ID: C000043941

Invoice Number:

Glo Lease: MF066110

GLO Review: SANDRIDGE EXPLORATION AND PRODUCTION LLC

Review Period: APRIL 2009 THROUGH DEC 2009

Auditor/AE:

schou

Billing Date:

5/2/2011

P&I Calculation Date:

5/31/2011

Royalty Rate:

16.67%

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)		
Month / Year	Gas Volume	Price	BTU	Gross Value	Royalty Due	Royalty Paid	Additional Royalty Due	Number of Days Late	Penalty From Addition Royalty	Interest From Additional Royalty	Revenue Due
(A)	(B)	(B)	(1)x(2)x(3)	(4) * Royalty Rate					(C)	(C)	(7)+(9)+(10)
Apr-09	47	\$ 2.781200	0.982925	\$128.48	\$21.41	\$0.00	\$21.41	715	\$25.00	\$4.62	\$51.03
May-09	34	\$ 2.945830	0.982941	\$98.45	\$16.41	\$0.00	\$16.41	685	\$25.00	\$3.38	\$44.79
Dec-09	18	\$ 4.546890	0.977530	\$80.00	\$13.33	\$0.00	\$13.33	470	\$25.00	\$1.80	\$40.13
TOTALS	99			\$306.94	\$51.15	\$0.00	\$51.15		\$75.00	\$9.80	\$135.95

COMMENTS: (A) VOLUME - REPRESENTS UNDER REPORTED GAS SALE VOLUME FROM RRC 08-201841 (STEELHEAD, UNIT 1068), SEE THE GAS SALE VOLUME ANALYSIS FOR THE DETAIL.

(B) PRICE, BTU - OBTAINED FROM THE GLO-2E PRODUCTION REPORT.

(C) SEE ATTACHMENT III, SUMMARY OF PENALTY/INTEREST ASSESSMENT RULES", FOR EXPLANATION OF PENALTY AND INTEREST CALCULATION.

NOTE 1 : PAYMENT OF THIS INVOICE SHOULD BE SUBMITTED SEPARATELY FROM MONTHLY ROYALTY PAYMENTS, THE PAYMENT CAN BE SUBMITTED BY A HAND CHECK OR A WIRE, DO NOT SUBMIT THE GLO-3E REPORT FOR THIS PAYMENT.

NOTE 2: NEED TO FILE THE AMENDED GLO-2E PRODUCTION REPORTS.

ATTENTION: MELODIE MOSS

CERTIFIED MAIL: 70070710000053806286

UNDER REPORTED GAS SALE VOLUME ANALYSIS FOR UNIT 1068

1	2	3	4	5		6	7	8	9	10	11
				TRANSMISSION LINE							UNDER PAID ROYALTY
	RRC PRODUCTION	METHANE (2)*.456	LEASE USE	VOLUME (3)-(4)	RRC TRACT VOL (5)*.0097		GLO-2 TRACT VOL (6)	VOL DIFF (7)-(6)	GLO-2 PRICE	GLO-2 BTU	(8)*(9)*(10)*.1666
YR/MO											67
Apr-09	45621	20803		1032	19771	192	145	-47	2.7812	0.982925	21.31
May-09	46995	21430		1221	20209	196	162	-34	2.94583	0.982941	16.42
Dec-09	44125	20121		1466	18655	181	163	-18	4.54689	0.97753	13.30

Customer ID: C000043941
Invoice Number:
Glo Lease: MF066110
GLO Review: SANDRIDGE EXPLORATION AND PRODUCTION LLC
Review Period: FEB 2010 THROUGH FEB 2010
Auditor/AE: schou
Billing Date: 5/2/2011
P&I Calculation Date: 5/31/2011
Royalty Rate: 16.67%

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	
Month / Year	Gas Volume	Tract Participation Rate	Price	BTU	Gross Value	Royalty Due	Royalty Paid	Additional Royalty Due	Number of Days Late	Penalty From Additional Royalty	Interest From Additional Royalty	Revenue Due
	(A)	(A)*.0153	(B)	(B)	(2)x(3)x(4)	(5) * Royalty Rate				(C)	(C)	(8)+(10)+(11)
Feb-10	18981	290	\$ 2.438679	1.000000	\$708.22	\$118.04	\$21.54	\$96.50	411	\$25.00	\$3.96	\$125.46
TOTALS	18981				\$708.22	\$118.04	\$21.54	\$96.50		\$25.00	\$3.96	\$125.46

COMMENTS: (A) VOLUME - REPRESENTS TRANSMISSION LINE VOLUME FROM RRC 08-205027(RAINBOW STATE, UNIT 968).
(B) PRICE, BTU - OBTAINED FROM THE GLO-2E PRODUCTION REPORT.
(C) SEE ATTACHMENT III, SUMMARY OF PENALTY/INTEREST ASSESSMENT RULES", FOR EXPLANATION OF PENALTY AND INTEREST CALCULATION.

NOTE 1 : PAYMENT OF THIS INVOICE SHOULD BE SUBMITTED SEPARATELY FROM MONTHLY ROYALTY PAYMENTS, THE PAYMENT CAN BE SUBMITTED BY A HAND CHECK OR A WIRE, DO NOT SUBMIT THE GLO-3E REPORT FOR THIS PAYMENT.

NOTE 2: NEED TO FILE THE AMENDED GLO-2E PRODUCTION REPORTS.

ATTENTION: MELODIE MOSS

CERTIFIED MAIL: 70070710000053806286

Customer ID: C000043941

Invoice Number:

Glo Lease: MF066110

GLO Review: SANDRIDGE EXPLORATION AND PRODUCTION LLC

Review Period: JULY 2010 THROUGH DEC 2010

Auditor/AE: schou

Billing Date: 5/2/2011

P&I Calculation Date: 5/31/2011

Royalty Rate: 16.67%

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)		
Month / Year	Gas Volume	Tract Participation Rate	Price	BTU	Gross Value	Royalty Due	Royalty Paid	Additional Royalty Due	Number of Days Late	Penalty From Additional Royalty	Interest From Additional Royalty	Revenue Due
(A)	(A)*.0097	(B)	(B)	(2)x(3)x(4)	(5) * Royalty Rate					(C)	(C)	(8)+(10)+(11)
Jul-10	15295	148	\$ 4.300775	1.000000	\$638.07	\$106.35	\$0.00	\$106.35	258	\$25.00	\$2.46	\$133.81
Aug-10	15314	149	\$ 8.179853	1.000000	\$1,215.08	\$202.51	\$0.00	\$202.51	228	\$25.00	\$3.99	\$231.50
Sep-10	15660	152	\$ 3.353181	1.000000	\$509.35	\$84.89	\$0.00	\$84.89	197	\$25.00	\$1.36	\$111.25
Dec-10	16344	159	\$ 4.016794	1.000000	\$636.81	\$106.14	\$0.00	\$106.14	105	\$25.00	\$0.57	\$131.71
TOTALS	62613				\$2,999.32	\$499.89	\$0.00	\$499.89		\$100.00	\$8.38	\$608.27

COMMENTS: (A) VOLUME - FOR 1/2010, REPRESENTS TRANSMISSION LINE VOLUME FROM RRC 08-201841 (STEELHEAD, UNIT 1068).

(B) PRICE, BTU - THE PRICE AND BTU ARE OBTAINED FROM MF064568'S GLO-2E PRODUCTION REPORT DUE TO NO GLO-2E PRODUCTION RECEIVED FOR MF066110.

(C) SEE ATTACHMENT III, SUMMARY OF PENALTY/INTEREST ASSESSMENT RULES", FOR EXPLANATION OF PENALTY AND INTEREST CALCULATION.

NOTE 1 : PAYMENT OF THIS INVOICE SHOULD BE SUBMITTED SEPARATELY FROM MONTHLY ROYALTY PAYMENTS, THE PAYMENT CAN BE SUBMITTED BY A HAND CHECK OR A WIRE, DO NOT SUBMIT THE GLO-3E REPORT FOR THIS PAYMENT.

NOTE 2: NEED TO FILE THE AMENDED GLO-2E PRODUCTION REPORTS.

ATTENTION: MELODIE MOSS

CERTIFIED MAIL: 70070710000053806286

ATTACHMENT III
SUMMARY OF PENALTY/ INTEREST ASSESSMENT RULES
FOR DELINQUENT ROYALTIES AND DELINQUENT
REQUIRED REPORTS OR DOCUMENTS

	Due Before 10-1-75 and (Production Prior To 8-1-75)	Due After 10-1-75 and Before 9-1-85 (Production 8/1/75 -6/30/85)	Due After 9-1-85 (Production 7-1-85 through 12-31-2009)	Due After 2-26-2010 (Production 1-1-2010 through present)
<u>PENALTY</u> (1) For delinquent royalty	None	The greater of 1% of the delinquent amount or \$5.00 for each 30-day delinquency	(2) For delinquencies of 30 days or less, the greater of 5% of the delinquent amount or \$25.00. For delinquencies of more than 30 days, the greater of 10% of the delinquent amount or \$25.00	(2) For delinquencies of 30 days or less, the greater of 5% of the delinquent amount or \$25.00. For delinquencies of more than 30 days, the greater of 10% of the delinquent amount or \$25.00
For delinquent report, affidavit, or other document.	None	\$5.00 per document for each 30- day period of delinquency	\$10 per document for each 30- day period of delinquency	\$10 per document for each 30- day period of delinquency
<u>INTEREST</u> (2) • For delinquent royalty	6% per year, simple; accrual begins 30 days after due date	6% per year, simple; accrual begins 30 days after due date	(3) 12% per year, simple; accrual begins 60 days after due date	(4) 4.25% per year, simple; accrual begins 60 days after due date

1) Tex. Rev. Civ. Stat. Ann. Article 5069-1.03 and 31 TAC §9.7(b)(3)

2) Penalties are not assessed in cases of title dispute as to the state's portion of the royalty or to royalty in dispute as to fair market value except when fraud is involved, in which case the fraud penalty is applicable. Penalty provisions are found at Tex Nat. res. Code Ann § 52.131 (e), (f), & (h).

3) Tex Nat. Res. Code Ann § 52.131 (g).

4) Per TAC 9.51 the interest rate on past due royalty is Wall Street Journal Prime plus 1%, to be adjusted annually.

A royalty payment that is not accompanied by the required royalty affidavit identifying the GLO lease number is delinquent.

The State's power to forfeit a lease shall not be affected by the assessment or payment of any delinquency, penalty, or interest, provided in 31 TAC §9.7(b)(3).

(73)

File No. MF-066110

Reconciliation Ltr

Date Filed: 5/2/11
Jerry E. Patterson, Commissioner

By [Signature]

From: Frank Zepeda
To: Alex Saenz; Deborah Cantu; Harriet Dunne
CC: James Ybarbo; Mike May; Mike Nicklaus; Susan Wauer
Date: 5/15/2013 8:45 AM
Subject: Re: C43941 - Not in WI

Sandridge trying to set up the following control record:

MF066110, unit 1053, RRC 08-229845.

Thank you.

I am trying to verify the status of the lease and unit.

>>> Harriet Dunne 5/15/2013 8:40 AM >>>

Frank,

What is your question on this?

The lease no you set out below has two inactive units. Which unit are you interested in?

BTW, customer numbers mean nothing to me. I need a unit or lease no. to do research.

Thanks,
Harriet

>>> Alex Saenz 5/14/2013 3:30 PM >>>

Frank,

This is an inactive unit.

I'll have to check with Harriet on this.

Alex

>>> On 5/14/13 at 3:03 PM, in message <51925864.89A6.004F.0@GLO.TEXAS.GOV>, Frank Zepeda wrote:

MF066110 only

File No. MF066110

74

EMAIL to setup control record

Date Filed: 05/15/2013

Jerry E. Patterson, Commissioner

By JEP

MF066110

Linda,

Sandridge is trying to pay us on API 475-30649 in Ward Co. They say it is Unit 1053 which is "inactive" in Globase, status date in 2005. It appears to have been changed by Carl in 2006.

See attached plat for location of old unit 1053 and the well 475-30649. State lease is the river at the bottom of the unit.

Also, see attached RRC records (last pg) that shows this well had a workover in 2006 because a packer got stuck and they veered the bottom of the well and started producing again.

Now, I do not know why, if the well was worked over in 2006 that Sandridge is just now trying to pay us.

Frank Zapeda (see his e-mail) is the person who is trying to get this set up for payment.

Please do some research to see what happened pre-2006, post 2006 and if the river lease is still valid albeit tardy in revenue payments.

Thank you,

Harriet

5/18/13

*** OIL AND GAS DIVISION ***
 PERMIT NUMBERS AND WELLS WITHIN WELL BORE

API #: 475 30649

INQUIRY

PLACE AN 'S' BY ONE:

PERMIT	DISTRICT	LEASE/ID	WELL #	BUILT	COMPLETED	W-3	FILED
477272	08	170823	1	02/08/1999	09/28/1998	/	/
507197				/	/	/	/
611446	08	229845	1	10/10/2007	10/05/2006	/	/
	08	061931	1 U	01/12/1984	/	/	/
	08	062722	1	12/19/1985	08/13/1985	/	/
				/	/	/	/
				/	/	/	/
				/	/	/	/

PLACE AN 'S' BY DESIRED TECHNICAL DATA:

W2/G1 RECORD: CAS/LIN/TUB/PERFS, SQUEEZE/FORMATION, REMARKS/LOGS, WATER
 PLUGGING DATA: PLUG RECORD, CAS/TUB/PERFS, LOGS/REMARKS
 DRILLING PERMIT MASTER INQUIRY
 COMPLETION NOMENCLATURE
 OIL LEASE INQUIRY
 GAS WELL INQUIRY

* SCREEN OPTIONS: 09=TOP OF LIST, 15=LOCATION, 20=H15

* SELECT OPTION: (01=RETURN TO MENU, 00=HELP) *

NO MORE DATA EXIST FOR THIS API NUMBER

12:02:37 Sat May 18, 2013

*** OIL AND GAS W-2/G-1 RECORD ***

INQUIRY

API #: 475 30649

SOURCE: RRC

DIST: 08 LSE/ID: 229845 WELL#: 1 TYPE: GAS CNTY: WARD

FLD: MOORE-HOOPER (WLFCMP\PENN CONS) LSE: VARDEN, DOLLY

OPER: SHERIDAN PRODUCTION COMPANY, LL

COMPLETION: 10 05 2006

DRILLING PERMIT #: 611446

W2-G1: 11 21 2006 BUILT: 10 10 2007

R-37 EXCEP CASE #:

ATTACHMENTS: ON FILE

WATER INJECT PERM #:

KEY 'S' TO VIEW ATTACH: _

SALT WATER DISP #:

DRILL COMPLETED: 05 04 2006

DOCKET NUMBER:

ELEVATION: 2681 DF

DIST W3 APPR DATE: MM DD YYYY

TOTAL DEPTH: 21600

WELLBORE PLUGGED:

PLUGBACK DEPTH:

LOCATION SEC: 69

BLK: 33

ABST: 989

SUR: H&TC RR CO

SUR/SECT: 001100 FT FROM SE

AND 006900 FT FROM NE

NOTE=> REMARKS ON FILE FOR THIS DATE

* SCREEN OPTIONS: 12=FORM/SQZE 13=REMARKS 14=WATER 19=PERMITS/WELLIDS

* SELECT OPTION: _ (01=WBTM, 00=HELP, 21=DIST PLUG)

PRESS 'ENTER' FOR NEXT SCREEN

12:03:42 Sat May 18, 2013

*** OIL AND GAS DIVISION ***
WELL BORE COMPLETION REMARKS

INQUIRY

API#: 475 30649

DIST: 08 LEASE/ID: 229845 WELL #: 1 GAS

BUILT: 10/10/2007

SEQ	REMARKS	
01	< WORKOVR FROM DIST: 08, GAS-ID: 170823, WELL #: 1	>
02	< ALL ZONES ON PRODUCTION IN ST. PACKER GOT STUCK IN THE HOLE @	>
03	< 15,966-COULD NOT GET IT TO RELEASE. STRAIGHT HOLE TD @ 21,600'. SET	>
04	< CIBP @ 14,586. SET WHIPSTOCK @ 14,578':CUT A WINDOW IN THE CSG. FROM	>
05	< 14,561-14,570. KOP @ 14,570. DRILLED TO 16,750. (PER TAMMI 12-5-06)	>
06	< DIRECTIONAL SURVEY-MD @ 14,624; TVD @ 14,621'. EFF 3/14/06 RE-DOCKET	>
07	< #08-0246067 FLD CONSOLIDATION MOORE-HOOPER (ATOKA) INTO THE	>
08	< MOORE-HOOPER (WOLFCAMP/PENN CONS.) FLD.	>
09	< LOG FILED 05-26-2009	>
	<	>
	<	>
	<	>
	<	>

START TEXT DISPLAY AT LINE: _____

* SCREEN OPTIONS: 10=W2/G1 REC, 11=CAS/LIN/TUB/PERFS, 12=FORM/SQZE *

* SELECT OPTION: _____ (01=RETURN TO MENU, 00=HELP AND OTHER OPTIONS) *

PRESS 'ENTER' FOR NEXT SCREEN

File No. MF066110

Research instructions

Date Filed: 05/18/2013

Jerry E. Patterson, Commissioner

By JP

CERTIFICATE OF COMPLIANCE
AND TRANSPORTATION AUTHORITY

READ INSTRUCTIONS ON BACK

P-4

5/02
EAG0502

1. Field name exactly as shown on proration schedule Moore-Hooper (WLFPC\Penn Cons)		2. Lease name as shown on proration schedule Varden, Dolly			
3. Current operator name exactly as shown on P-5 Organization Report SandRidge Exploration & Production, LLC		4. Operator P-5 no. 748011	5. Oil Lse/Gas ID no. 229845	6. County Ward	7. RRC district 8
8. Operator address including city, state, and zip code 123 Robert S. Kerr Ave Oklahoma City, OK 73102		9. Well no(s) (see instruction E) 1			
		10. Classification ☐ Oil ☒ Gas ☐ Other (see instruction A)			11. Effective date 1/1/10

12 Purpose of Filing. (Complete section a or b below.) (See instructions B and G)

a Change of: ☒ operator ☐ oil or condensate gatherer ☐ gas gatherer ☐ gas purchaser ☐ gas purchaser system code

☐ field name from: _____

☐ lease name from: _____

OR

b. New RRC Number for: ☐ oil lease ☐ gas well ☐ other well (specify) _____ Due to: ☐ new completion or recompletion ☐ reclass oil to gas ☐ reclass gas to oil ☐ consolidation, unitization, or subdivision (oil lease only)

Gatherer	Purchaser	Name of GAS WELL GAS or CASINGHEAD GAS Gatherer(s) or Purchaser(s) As Indicated in Columns to the Left (Attach an additional sheet in same format if more space is needed)	Purchaser's RRC Assigned System Code	Percent of Take	Full-well stream
x		Enterprise Products Operating LLC	0001	100	
	x	Conoco Phillips Company	0001	100	

14. Authorized OIL or CONDENSATE Gatherer(s): (See instruction G)		RRC USE ONLY	
Name of OIL or CONDENSATE Gatherer(s) - List Highest Volume Gatherer First (Attach an additional sheet in same format if more space is needed)	Percent of Take	Reviewer's initials:	Approval date:
Plains Marketing LP	100	me	1/7/10

15. PREVIOUS OPERATOR CERTIFICATION FOR CHANGE OF OPERATOR P-4 FILING. Being the PREVIOUS OPERATOR, I certify that operating responsibility for the well(s) designated in this filing, located on the subject lease has been transferred in its entirety to the above named Current Operator. I understand, as Previous Operator, that designation of the above named operator as Current Operator is not effective until this certificate is approved by the Commission.

Forest Oil Corporation

Name of Previous Operator: **Scott Laverde**

Name (print): **Scott Laverde**

Title: **Vice President - Acquisitions & Divestitures**

Signature: **Scott Laverde**

☒ Authorized Employee of previous operator ☐ Authorized agent of previous operator (see instruction G)

Date: **12/21/09** Phone with area code: **303-812-1637**

16. CURRENT OPERATOR CERTIFICATION. By signing this certificate as the Current Operator, I certify that all statements on this form are true and correct and I acknowledge responsibility for the regulatory compliance of the subject lease including plugging of well(s) pursuant to Rule 14. I further acknowledge that I assume responsibility for the physical operation, control, and proper plugging of each well designated in this filing. I also acknowledge that I will remain designated as the Current Operator until a new certificate designating a new Current Operator is approved by the Commission.

Terri Stathem

Name (print): **Terri Stathem**

Title: **Regulatory Supervisor**

E-mail Address (optional): **Tstathem@sdrge.com**

Signature: **Terri Stathem**

☒ Authorized Employee of current operator ☐ Authorized agent of current operator (see instruction G)

Date: **12-21-09** Phone with area code: **405-429-5682**

RAILROAD COMMISSION OF TEXAS
Oil and Gas Division

Form G-1

Rev. 4/1/83
EAG0897

Type or print only
483-047

API No. **42-475-30649**

7. RRC District No.

08

8. RRC Gas ID No.

229845

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

1. FIELD NAME (as per RRC Records or Wildcat)

Moore-Hooper (Atoka) (Well Comp) (Renewal)

2. LEASE NAME

DOLLY VARDEN

3. OPERATOR'S NAME (exactly as shown on Form P-3, Organization Report)

Forest Oil Corporation

RRC Operator No.

275740

**RECEIVED
RRC OF TEXAS**

NOV 21 2006

4. ADDRESS

1600 Broadway, Suite 2200, Denver, CO 80202

5. Location (Section, Block, and Survey)

SEC 69 BLK 33, H&TC RR CO

5b. Distance and direction to nearest town in this county

5 MILES SE FROM MENTONE

**O&G
MIDLAND**

6. If operator has changed within last 60 days, name former operator

N/A

12. If workover or reclass, give former field (with reservoir) & Gas ID or oil lease no.

FIELD & RESERVOIR

GAS ID or OIL LEASE #

170823

Oil - O
Gas - G

WELL #

81

13. Pipe Line Connection

Enterprise Products Operating LP VERMEJO (FUSSELMEN)

062722

GAS

14. Completion or recompletion date

5/19/2006 completion finished 10/5/2006

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

16. Type of Electric or other Log Run.

DLL/GR

Initial Potential ☒

Plug Back ☐

Retest ☐

Reclass ☐

Well record only (Explain in remarks)

Section I

GAS MEASUREMENT DATA

Date of Test
11/06/2006

Gas measurement Method (Check One)
Orifice Meter ☒ Flange Taps ☒ Positive Choke ☐ Orifice Vent Meter ☐ Pitot Tube ☐ Critical-flow Prover ☐

Gas produced during test
3099.0 MCF

Run No.	Line Size	Orif. or Choke Size	24 Hr. Coeff. Orif. or Choke	Static P _m or Choke Press	Diff h _w	Flow Temp. °F	Temp. Factor F _{ff}	Gravity Factor F _g	Compress Factor F _{pv}	Volume MCF/DAY
1	4.026	2.00	26235.750	162.8	9.5	91.00	.9715	1.0224	1.0080	1033.0
2										
3										
4										

Section II

FIELD DATA AND PRESSURE CALCULATIONS

Gravity (Dry Gas) 0.574	Gravity Liquid Hydrocarbon N/A	Deg. API N/A	Gas-Liquid Hydro Ratio N/A	CF/Bbl N/A	Gravity of Mixture C_{max} =	Avg. Shut-in Temp. °F @	Bottom Hole Temp. (Depth)
-----------------------------------	--	------------------------	--------------------------------------	----------------------	--	-----------------------------------	-------------------------------------

$D_{eff}^{8/3} = \sqrt{T_f} = \sqrt{\quad} = \sqrt{GL}$

$C = \frac{1118 \times (D_{eff})^{8/3}}{\sqrt{T}} = \frac{\sqrt{GL}}{C} = \text{OCT 11 2007}$

Run No.	Time of Run Min.	Choke Size	Wellhead Press. PSIA P _w	Wellhead Flow Temp. °F	P _w ² (Thousands)	R	AUSTIN, TEXAS (Thousands)	P ₁	P _w /P ₁
Shut-In			2039.6	73					
1	4320		188.6	71					
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 θ n Absolute Open Flow MCF/DAY
Shut-In								
1								
2								
3								
4								

WELL TESTER'S 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

ARC Pressure Data

Signature Well Tester

Name of Company

RRC Representative

OPERATOR'S CERTIFICATION. I declare under penalties prescribed in Sec. 91 143, Texas Natural Resources Code, that I am authorized to make this report, that I prepared or supervised and directed this report, and that data and facts stated therein are true, correct, and complete, to the best of my knowledge.

Signature Operator's representative
Tami Hofmann

Title
REGULATORY SPECIALIST

Date
11/14/06

Tel. (303) 812-1755
A/C Number

BHL OK SKR 10/4/07

JM

SECTION III DATA ON WELL COMPLETION AND LOG (Not Required on Retest)			
17. Type of Completion: New Well ☐ Deepening ☐ Plug Back ☒ Other ☐		18. Permit to Drill, Plug Back or Deepen DATE: 12/22/05 PERMIT NO. 611446	
19. Notice of Intention to Drill this well was filed in Name of FOREST OIL CORPORATION		Rule 37 CASE NO. Exception Water Injection PERMIT NO. Permit Salt Water Disposal PERMIT NO. Permit Other 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 648	Sidetracked	
22. Date Plug Back, Deepening, WorkOver or Drilling Operations: 1/7/2006	Commenced 1/7/2006	Completed 5/4/2006	23. Distance to nearest well, Same Lease & Reservoir N/A

24. Location of well, relative to nearest lease boundaries of lease on which this well is located 1100 Feet From SE Line and 6900 Feet from NE Line of the DOLLY VARDEN Lease		25. Elevation (DF, RKB, RT, GR, ETC.) 2681 DF (Per Tammi - 2-2-07-kt)		26. Was directional survey made other than inclination (Form W-12)? ☒ Yes ☐ No	
27. Top of Pay 14658	28. Total Depth 19,621 TD 16750 MD	29. P.B. Depth	30. Surface Casing Determined by: Field Rules ☒ Recommendation of T.D.W.R. Railroad Commission (Special)	31. Is well multiple completion? ☐ Yes ☒ 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-O Gas-G	WELL #
34. Name of Drilling Contractor Lantern Rig 8			35. Is Cementing Affidavit Attached? ☒ Yes ☐ 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.
20"	94	1031'		1500	26"	Surface	2454
13-3/8"	54.5, 61, 68	4429'		3600	17-1/2"	3393	6140
10-3/4"	51.55, 5.60	14583-14775		3800	12-1/4"		6728
5"	23.2	16747		535 sx H	6-1/2"	15650	802

37. LINER RECORD				
Size	TOP	Bottom	Sacks Cement	Screen
7-3/4"	10651'	11360'	119 H	
7-3/4"	11364	17801	4250	
4 1/2" x 5	14746	21596	764	

38. TUBING RECORD			39. Producing Interval (this completion) Indicate depth of perforation or open hole	
Size	Depth Set	Packer Set	From	To
2-3/8	14614	14601	From 14658	To 14852
			From 15237	To 15681
			From 16084	To 16286
			From 16348	To 16426

40. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
Depth Interval	Amount and Kind of Material Used
14658-14852	perf 3 spf, 2000g 15% HCL, 70098# 30/50 sinter baux w/slkwtr
15237-15681	perf 3 spf, 3000g 15% HCL, 56000# 30/50 sinter baux w/slkwtr
16084-16286	perf 3 spf, 3000g 15% HCL, 92500# 30/50 sinterball w/slkwtr
16348-16426	perf 3 spf, 3000g 15% HCL, 56400# 30/50 sinterball w/slkwtr

41. FORMATION RECORD (LIST DEPTHS OF PRINCIPAL GEOLOGICAL MARKERS AND FORMATION TOPS) (Per Tammi - 12-5-06-kt)			
Formations	Depth	Formations	Depth
Atoka	14834	Missippian Lime	17742
Devonian	18573		

REMARKS 16461'-16686' perf 3 spf, 3000g 15% NEFE HCL, 86500# 30/50 sinterball. CIBP set @ 14586 on 2/25/06, whi pstock set @ 14578', window from 14561'-14570'. Cement squeezes to resolve csg pressure @ 15516'-15518', 15260 -15262', 14900', set EZSV cement retainer @ 14860, injected 150 sx H below, 1 sx on top, TOC @ 14750', perf 147 05, set retainer @ 14650', squeezed 150 sx H, drilled out all cement retainers. All zones on production in ST. Packer got stuck in the hole @ 15,966 - could not get it to release. String not to @ 21,600'. Set + CIBP @ 14,586. Set whipstock @ 14,578. Cut a window in the csg. from 14,561-14,570'. Kop @ 14,570'. Drilled to 16,750'. (Per Tammi - 12-5-06-kt) Directional Survey - MD @ 14,624; TD @ 14,621.

ENTERED
000 2/9/07

FEB 08 2007

P. 16

RAILROAD COMMISSION OF TEXAS
Oil and Gas Division

Form G-1

Rev. 4/1/83
EAG0097Type or print only
483-047

2-7-07

API No. 42-475-30649 ✓

7. RRC District No.

08 ✓

8. RRC Gas ID No.

Gas Well Back Pressure Test,
Completion or Recompletion Report, and LogRECEIVED
RRC OF TEXAS

NOV 21 2006

O&G
MIDLAND

1. FIELD NAME (as per RRC Records or WDCMI) Moore-Hooper (Atoka) ✓		2. LEASE NAME DOLLY VARDEN ✓		RRC Operator No. 275740 ✓		3. Well No. 01 ✓	
3. OPERATOR'S NAME (exactly as shown on Form F-3, Organization Report) Forest Oil Corporation ✓				County of well site WARD ✓		Purpose of filing	
4. ADDRESS 1600 Broadway, Suite 2200, Denver, CO 80202				Initial Potential ☒ [X] Plug Back ☐ Reclaim ☐ Well record only (Explain in remarks) ☐			
5. Location (Section, Block, and Survey) SEC 69 ✓ BLK 33, H&TC RR CO ✓		5b. Distance and direction to nearest town in this county. 5 MILES SE FROM MENTONE ✓		12. If workover or reclass, give former field (with reservoir) & Gas ID or oil lease no. FIELD & RESERVOIR		13. Pipe Line Connection Enterprise Products Operating (VERMEJO (FUSSELMEN) ✓)	
6. If operator has changed within last 60 days, name former operator N/A		12. If workover or reclass, give former field (with reservoir) & Gas ID or oil lease no. FIELD & RESERVOIR		13. Pipe Line Connection Enterprise Products Operating (VERMEJO (FUSSELMEN) ✓)		14. Completion or recompletion date 5/19/2006 completion finished 10/5/2006 ✓	
15. Any condensate on hand at time of workover or recompletion? ☐ Yes ☒ No		16. Type of Electric or other Log Run. DLL/GR					

Section I

GAS MEASUREMENT DATA

Date of Test 11/06/2006 ✓		One measurement Method (Check One) Orifice Meter ☒ Flange Taps ☐ Positive Choke ☐ Orifice Vent Meter ☐ Pilot Tube ☐ Critical-flow Prover ☐		Gas produced during test 3099.0 MCF						
Run No.	Line Size	Orif. or Choke Size	24 Hr. Coeff. Orif. or Choke	Static P _{tm} or Choke Press	Diff. h _w	Flow Temp. °F	Temp. Factor F _t	Gravity Factor F _g	Compress. Factor F _{pv}	Volume MCF/DAY
1	4.026	2.00	26235.750	162.8	9.5	91.00	.9715	1.0224	1.0080	1033.0
2										
3										
4										

Section II

FIELD DATA AND PRESSURE CALCULATIONS

Gravity (Dry Gas) 0.574		Gravity Liquid Hydrocarbon N/A		Gas-Liquid Hydro Ratio N/A		Gravity of Mixture C _{mix} =		Avg. Shut-in Temp. °F		Bottom Hole Temp. °F @ (Depth)	
D _{eff} ^{2/3} =		$\sqrt{T_c} = \sqrt{\quad} =$		$\sqrt{Q_L} = \sqrt{\quad} =$							
C = $\frac{1118 \times (D_{eff})^{2/3}}{\sqrt{T_c}}$ =				$\frac{\sqrt{Q_L}}{C} =$							
Run No.	Time of Run Min.	Choke Size	Wellhead Press. PSIA	Wellhead Flow Temp. °F	P _w ² (Thousands)	R	R ² (Thousands)	P ₁	P _w /P ₁		
Shut-in			2039.6	73							
1	4320		188.6	71							
2											
3											
4											
Run No.	F	K	$3 - \frac{1}{z}$	gk	P _f and P _g	P _f ² and P _g ² (Thousands)	P _f ² - P _g ² (Thousands)	Angle of Slope			
Shut-in											
1											
2											
3											
4											
								Absolute Open Flow MCF/DAY			

WELL TESTER'S 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.

ARC Pressure Data

Signature: Well Tester

Name of Company

RRC Representative

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

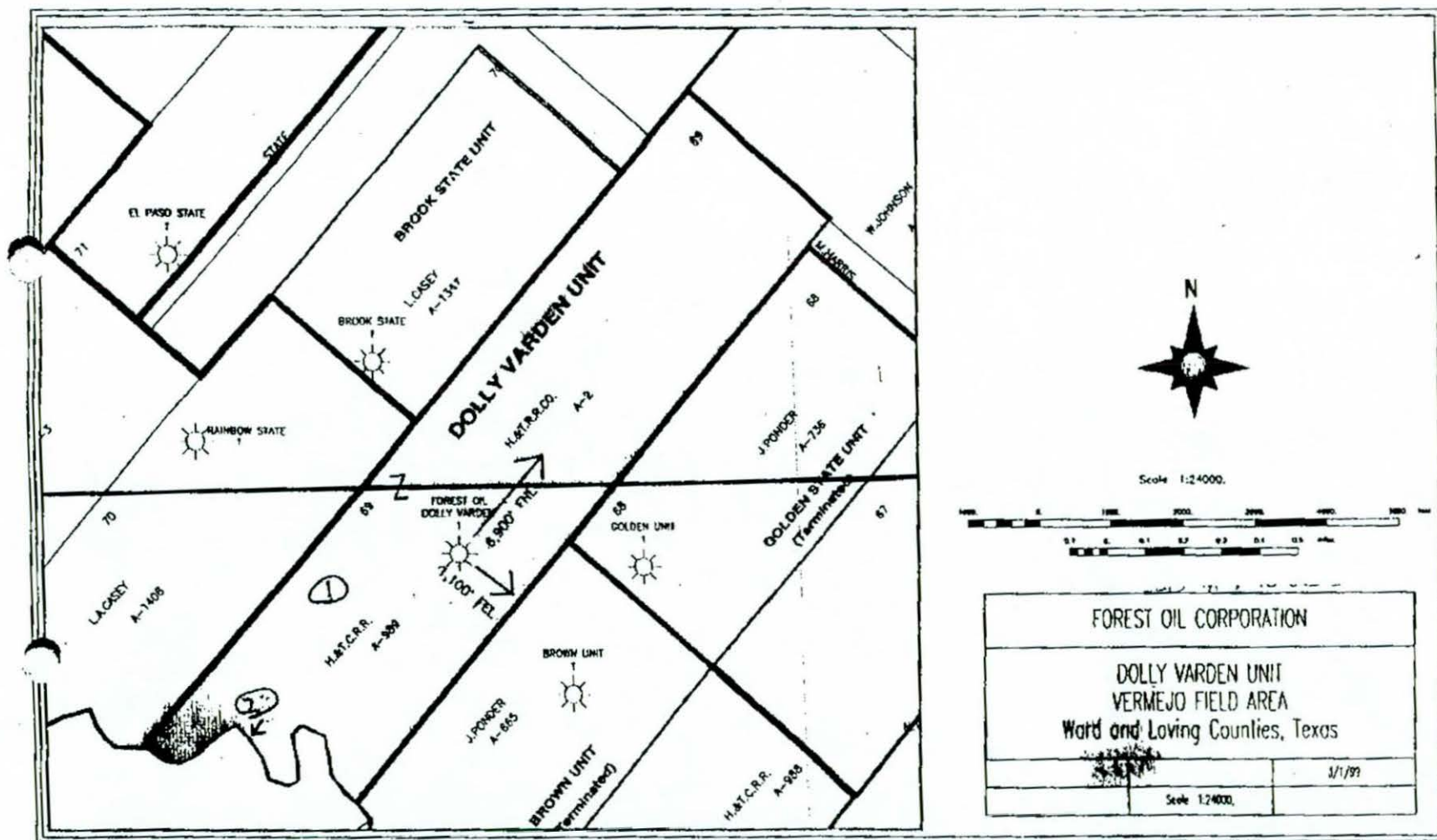
Signature: Tami Hofmann

REGULATORY SPECIALIST

11/24/06

Tel: (303) 812-1755

API No 42-475-30649		RAILROAD COMMISSION OF TEXAS OIL & GAS DIVISION APPLICATION FOR PERMIT TO DRILL, RECOMPLETE, OR RE-ENTER This facsimile W-1 was generated electronically from data submitted to the RRC. A certification of the automated data is available in the RRC's Austin office.			FORM W-1 07/2004 Permit Status: Approved	
1 RRC Operator No 275740		2 Operator's Name (as shown on form P-5, Organization Report) FOREST OIL CORPORATION		3 Operator Address (include street, city, state, zip) 707 17TH STREET STE 3600 DENVER, CO 80202		
4 Lease Name VARDEN, DOLLY		5 Well No 1				
GENERAL INFORMATION						
6 Purpose of filing (mark ALL appropriate boxes): ☐ New Drill ☒ Recompletion ☐ Reclass ☐ Field Transfer ☐ Re-Enter ☐ Amended ☐ Amended as Drilled (BHL) (Also File Form W-1D)						
7 Wellbore Profile (mark ALL appropriate boxes): ☒ Vertical ☐ Horizontal (Also File Form W-1H) ☐ Directional (Also File Form W-1D) ☒ Sidetrack						
8 Total Depth 17500		9 Do you have the right to develop the minerals under any right-of-way? ☒ Yes ☐ No		10 Is this well subject to Statewide Rule 36 (hydrogen sulfide area)? ☐ Yes ☒ No		
SURFACE LOCATION AND ACREAGE INFORMATION						
11 RRC District No. 08		12 County WARD		13 Surface Location ☒ Land ☐ Bay/Estuary ☐ Inland Waterway ☐ Offshore		
14 This well is to be located 5 miles in a SE direction from Mentone which is the nearest town in the county of the well site						
15 Section 69	16 Block 33	17 Survey H&TC RR CO		18 Abstract No. A-989	19 Distance to nearest lease line: 1100 ft.	
				20 Number of contiguous acres in lease, pooled unit, or unitized tract: 648		
21 Lease Perpendiculars 1100 ft from the SE line and 6900 ft from the NE line.		22 Survey Perpendiculars 1100 ft from the SE line and 6900 ft from the NE line.				
23 Is this a pooled unit? ☒ Yes ☐ No		24 Unitization Docket No.:		25 Are you applying for Substandard Acreage Field? ☐ Yes (attach Form W-1A) ☒ No		
FIELD INFORMATION List all fields of anticipated completion including Wildcat. List one zone per line.						
26 RRC District No.	27 Field No.	28 Field Name (exactly as shown in RRC records)		29 Well Type	30 Completion Depth	
08	62718200	MOORE-HOOPER (ATOKA)		Gas Well	16852	
BOTTOMHOLE LOCATION INFORMATION is required for DIRECTIONAL, HORIZONTAL, AND AMENDED AS DRILLED PERMIT APPLICATIONS						
Remarks 				Certificate: I certify that information stated in this application is true and complete, to the best of my knowledge. Weldon Waters Name of filer Dec 21, 2005 Date submitted (512)4783456 Phone weldon@milconinc.com E-mail Address (OPTIONAL)		
RRC Use Only Data Validation Time Stamp Dec 22, 2005 10:01 AM (As Approved Version)						



I certify this plat to be true and
correct to the best of my knowledge.

Peggy G. Goss
Peggy G. Goss
Regulatory Specialist
Forest Oil Corporation

03/28/01
Date

gyro/data

Gyrodata Incorporated
1682 W. Sam Houston Pkwy. N.
Houston, Texas 77043

713/461-3146
Fax: 713/461-0920

RECEIVED
DRILLING INFO

NOV 14 2006

RAILROAD COMMISSION
TEXAS

Date: September 20, 2006

Railroad Commission of Texas
Oil & Gas Division
P.O. Box 12967
Capitol Station
Austin, Texas 78711

Attn: Ms. Diane Crum

RE:
Forest Oil Corporation
Varden, Dolly Well No. 1
RRC Lease/Gas ID No. Not Assigned
Moore-Hooper (Atoka)
H&TC RR Co, Abstract 989
Ward County, Texas
API No. 42-475-30849

Ms. Crum,

Enclosed, please find the original and one copy of the survey performed on the referenced well by Gyrodata, Inc. (P-5 No. 339713). Other information required by your office is as follows:

Name & Title Of Surveyor	Drainhole Number	Surveyed Depths	Dates Performed	Type of Survey
James Butler Surveyor	Original Hole	9182' - 14624'	3/1/06	Rate Gyroscopic

A certified plat on which the bottom hole location is oriented both to the surface location and to the lease lines (or unit lines in the case of pooling) is attached to the survey report. If any other information is required, please contact the undersigned at the letterhead address and phone number.

Sincerely,


Jena Tumlin
Operations
Enclosure

A Gyrodata Directional Survey

for

FOREST OIL COMPANY

Lease: Dolly Varden Well: No. 1, 4-1/2" Drillpipe

Location: Lantern #8, Loving County, Texas

Job Number: MD0306G_144

Run Date: 01 Mar 2006

Surveyor: John Zugg; James Butler

Calculation Method: MINIMUM CURVATURE

Survey Latitude: 31.648939 deg. N Longitude: 103.525110 deg. W

Azimuth Correction:

Gyro: Bearings are Relative to True North

Vertical Section Calculated from Well Head Location

Closure Calculated from Well Head Location

Horizontal Coordinates Calculated from Well Head Location

A Gyrodata Directional Survey

Forest Oil Company

Lease: Dolly Varden Well: No. 1, 4-1/2" Drillpipe

Location: Lantern #8, Loving County, Texas

Job Number: MD0306G_144

MEASURED DEPTH feet	I N C L deg.	AZIMUTH deg.	BORE HOLE BEARING deg. min.	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
9000.00	1.50	21.00	N 21 0 E	0.00	8998.00	135.1 13.5	131.41 N 31.57 E

912.0 TO 14624 FT. RATE GYROSCOPIC MULTISHOT DROP SURVEY RUN INSIDE 4-1/2" DRILLPIPE
ALL MEASURED DEPTHS AND COORDINATES REFERENCED TO LANTERN #8 R.K.B.

9182.00	1.80	30.76	N 30 46 E	0.22	9179.92	140.2 14.0	136.08 N 33.88 E
9371.00	1.55	22.59	N 22 35 E	0.18	9368.84	145.6 14.5	140.99 N 36.38 E
9560.00	1.29	17.84	N 17 50 E	0.15	9557.79	150.3 14.7	145.37 N 38.01 E
9749.00	1.40	25.71	N 25 42 E	0.11	9746.73	154.7 14.9	149.48 N 39.67 E
9938.00	1.30	14.85	N 14 51 E	0.15	9935.68	159.1 15.0	153.64 N 41.22 E
10127.00	1.15	351.75	N 8 15 W	0.27	10124.64	163.0 14.8	157.59 N 41.50 E
10316.00	1.13	355.37	N 4 38 W	0.04	10313.60	166.5 14.3	161.33 N 41.07 E
10505.00	1.00	351.47	N 8 32 W	0.08	10502.57	169.8 13.9	164.82 N 40.68 E
10694.00	0.75	353.04	N 6 57 W	0.13	10691.55	172.4 13.5	167.66 N 40.28 E
10883.00	0.66	350.90	N 9 6 W	0.05	10880.53	174.6 13.2	169.96 N 39.96 E
11072.00	0.50	342.03	N 17 58 W	0.10	11069.52	176.3 13.0	171.83 N 39.53 E
11261.00	0.43	295.81	N 64 11 W	0.20	11258.52	177.2 12.6	172.93 N 38.64 E
11450.00	0.24	272.68	N 87 19 W	0.12	11447.51	177.3 12.2	173.26 N 37.61 E
11639.00	0.17	254.10	S 74 6 W	0.05	11636.51	177.1 12.0	173.20 N 36.95 E
11828.00	0.56	208.26	S 28 15 W	0.24	11825.51	176.1 11.9	172.31 N 36.25 E
12017.00	0.58	203.86	S 23 52 W	0.02	12014.50	174.3 11.7	170.63 N 35.43 E
12206.00	0.46	235.85	S 55 51 W	0.16	12203.49	172.8 11.5	169.33 N 34.41 E
12395.00	0.58	271.49	N 88 31 W	0.18	12392.49	172.1 11.0	168.93 N 32.82 E
12584.00	0.89	295.40	N 64 36 W	0.23	12581.47	172.3 10.2	169.58 N 30.53 E
12773.00	1.08	302.47	N 57 32 W	0.12	12770.44	173.4 9.2	171.17 N 27.70 E

A Gyrodata Directional Survey

Forest Oil Company
Lease: Dolly Varden Well: No. 1, 4-1/2" Drillpipe
Location: Lantern #8, Loving County, Texas
Job Number: MD0306G_144

MEASURED DEPTH feet	I N C L deg.	AZIMUTH deg.	BORE HOLE BEARING deg. min.	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
12962.00	1.27	308.79	N 51 13 W	0.12	12959.40	175.2 8.1	173.44 N 24.56 E
13151.00	1.37	305.19	N 54 49 W	0.07	13148.35	177.3 6.8	176.05 N 21.08 E
13340.00	1.48	305.78	N 54 13 W	0.06	13337.29	179.6 5.5	178.78 N 17.26 E
13529.00	1.50	305.89	N 54 7 W	0.01	13526.23	182.1 4.2	181.65 N 13.28 E
13718.00	1.50	306.58	N 53 25 W	0.01	13715.17	184.8 2.9	184.57 N 9.30 E
13907.00	1.32	308.67	N 51 20 W	0.09	13904.11	187.5 1.7	187.40 N 5.62 E
14096.00	0.54	307.15	N 52 51 W	0.41	14093.08	189.3 1.0	189.31 N 3.20 E
14285.00	0.32	308.77	N 51 14 W	0.12	14282.08	190.2 0.6	190.18 N 2.07 E
14474.00	0.36	239.97	S 59 58 W	0.20	14471.07	190.2 0.3	190.21 N 1.15 E
14484.00	0.50	269.52	S 89 31 W	2.57	14481.07	190.2 0.3	190.19 N 1.08 E
14494.00	0.50	251.69	S 71 42 W	1.55	14491.07	190.2 0.3	190.17 N 0.99 E
14504.00	0.60	250.58	S 70 35 W	0.96	14501.07	190.1 0.3	190.14 N 0.90 E
14514.00	0.57	253.34	S 73 21 W	0.40	14511.07	190.1 0.2	190.11 N 0.80 E
14524.00	0.56	252.93	S 72 56 W	0.07	14521.07	190.1 0.2	190.08 N 0.71 E
14534.00	0.57	251.59	S 71 35 W	0.15	14531.07	190.1 0.2	190.05 N 0.61 E
14544.00	0.49	247.60	S 67 36 W	0.86	14541.07	190.0 0.2	190.02 N 0.53 E
14554.00	0.59	96.19	S 83 49 E	10.51	14551.07	190.0 0.2	190.00 N 0.54 E
14564.00	1.31	95.87	S 84 8 E	7.15	14561.07	190.0 0.2	189.98 N 0.70 E
14574.00	1.30	97.26	S 82 44 E	0.33	14571.07	190.0 0.3	189.96 N 0.93 E
14584.00	1.13	98.35	S 81 39 E	1.69	14581.06	189.9 0.3	189.93 N 1.14 E
14594.00	0.97	96.84	S 83 10 E	1.67	14591.06	189.9 0.4	189.90 N 1.32 E
14604.00	0.83	95.07	S 84 56 E	1.40	14601.06	189.9 0.4	189.89 N 1.48 E
14614.00	0.71	92.58	S 87 25 E	1.25	14611.06	189.9 0.5	189.88 N 1.61 E
14624.00	0.56	86.58	N 86 35 E	1.65	14621.06	189.9 0.5	189.88 N 1.72 E

A Gyrodata Directional Survey

Forest Oil Company

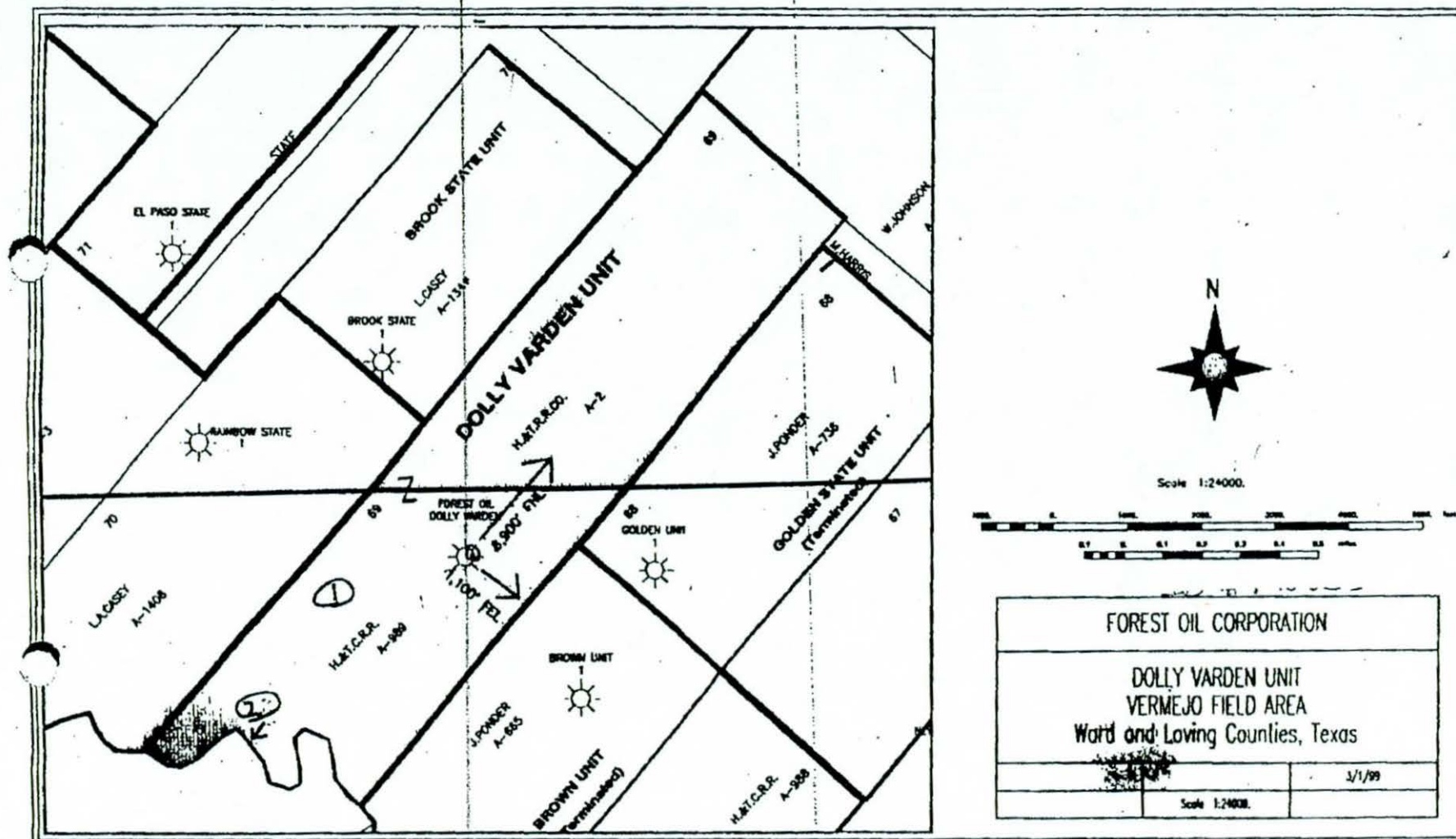
Lease: Dolly Varden Well: No. 1, 4-1/2" Drillpipe

Location: Lantern #8, Loving County, Texas

Job Number: MD0306G_144

MEASURED DEPTH feet	I N C L deg.	AZIMUTH deg.	BORE HOLE BEARING deg. min.	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
---------------------------	-----------------	-----------------	-----------------------------------	--	---------------------------	---------------------------------------	-----------------------------------

Final Station Closure: Distance: 189.89 ft Az: 0.52 deg.



I certify this plat to be true and correct to the best of my knowledge.

Peggy J. Goss
Peggy J. Goss
Regulatory Specialist
Forest Oil Corporation

03/28/01
Date

GYRODATA BOTTOM HOLE LOCATION
189.89 FEET @ 0.52 DEGREES OF
SURFACE LOCATION
MD 14624' TVD 14621.06'
EAST 1.72' NORTH 189.88'

STATEMENT OF PRODUCTIVITY OF ACREAGE
ASSIGNED TO PRORATION UNITS

Form P-15
(5-5-71)
MIL1001

The undersigned states that he is authorized to make this statement; that he has knowledge of the facts concerning the FOREST OIL CORPORATION,
LEASE DOLLY VARDEN, ^{OPERATOR} (Welford Petroleum Co., Inc.), No. 1 WELL; that such well is completed in the MOORE-HOOPER (ATOKA) Field, WARD County, Texas and that the acreage claimed, and assigned to such well for proration purposes as authorized by special rule and as shown on the attached certified plat embraces 648 acres which can reasonably be considered to be productive of hydrocarbons.

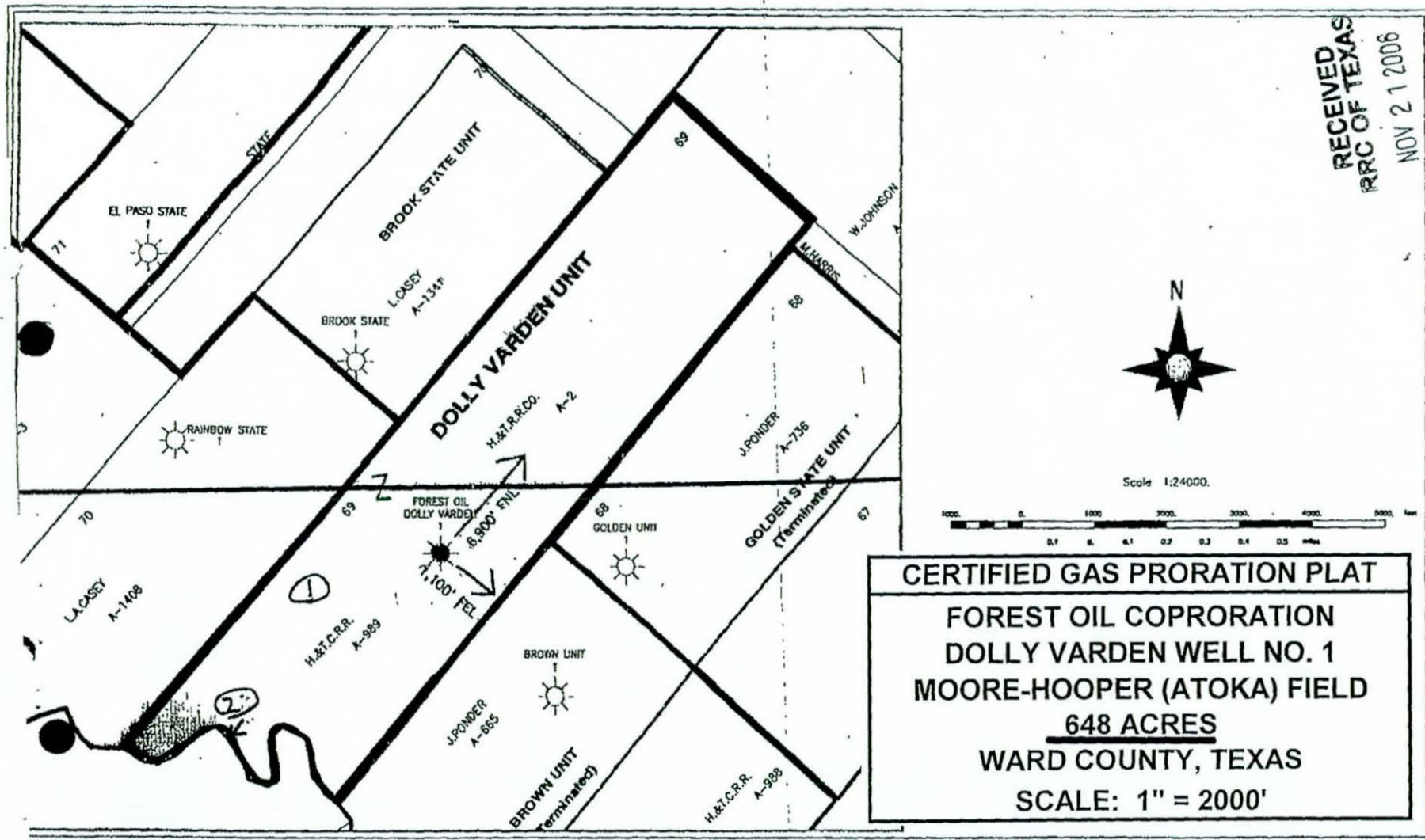
475-30649

-CERTIFICATE-

I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this report, that this report was prepared by me or under my supervision and direction, and that data and facts stated therein are true, correct, and complete, to the best of my knowledge.

Date 7/31/06 Signature Jamie Hofmann
Telephone 303 812-1755 Title REG. SPECIALIST
AREA CODE

RECEIVED
RRC OF TEXAS
NOV 21 2006
O&G
MIDLAND



I certify this plat to be true and correct to the best of my knowledge.

Peggy J. Goss
Peggy J. Goss
Regulatory Specialist
Forest Oil Corporation

03/28/01
Date

14:32:06 Mon May 20, 2013

** CURRENT GAS FIELD RULES INQUIRY **

FIELD NUMBER	FIELD NAME	DISTRICT
62718 690	MOORE-HOOPER (WLFCMP\PENN CONS)	08

DOCKET NUMBER ==> 08-0246067	EFFECTIVE DATE ==> 03/14/2006
PRORATION DATE ==> 04/01/2006	SUSPENSION DATE ==> 00/00/0000

SPACING TO LEASE > 660	SPACING TO WELL ==> 1320
ACRES PER UNIT ==> 640 . 00	TOLERANCE ACRES ==> 64 . 00
CASING BASIS ==>	CASING DEPTH ==> 0
CASING REMARKS ==>	

TYPE DIAGONAL ==> CORNER TO CORNER	DIAGONAL (FEET) ==> 8500
DIAGONAL REMARKS ==>	INJECTION CREDIT ==> NO
ALLOWABLE TRANSFER >	

FIELD REMARKS ==> OPTIONAL 320 ACRES W/6000' DIAGONAL

ALLOCATION FORMULA> 95% ACRES
5% DELIVERABILITY

PF1=MENU PF2=REMARKS PF3=FLD INQ PF6=OPTIONAL RULES PF7=SCHEDULE

NO MORE DATA AVAILABLE

** GAS FIELD REMARKS INQUIRY **

FIELD NUMBER

FIELD NAME

DISTRICT

62718 690

MOORE-HOOPER (WLFCMP\PENN CONS)

08

REMARKS DATE/PRINT OPTIONS: COL 1-SCHEDULE; COL 2-ASHEET; COL 3-ANNUAL REPORT
03162006

X _ _ PER DOCKET #08-0246067, EFF. 3/14/06, THE MOORE-HOOPER (ATOKA)
X _ _ AND MOORE-HOOPER (WOLFCAMP) FIELDS COMBINED TO FORM THE MOORE-
X _ _ HOOPER (WLFCMP/PENN CONS) FIELD. ADOPTED CORRELATIVE INTERVAL
X _ _ FROM 10925-17520' AS SHOWN ON THE LOG OF THE SUN OIL CO. (NOW
X _ _ POGO), JAMES J. WHEAT NO. 1, (API NO. 42-301-30048) ALSO SPACING,
X _ _ DENSITY RULES WITH 320 ACRE OPTION WITH 6000'DIAGONAL, AND A
X _ _ TWO PART ALLOCATION FORMULA WHICH HAS BEEN SUSPENDED.

PF1=MENU PF2=FLD INQ PF3=FLD RULES PF7=SCHEDULE
NO MORE DATA AVAILABLE

File No. MF066110

76

Plat, well records & special field rules

Date Filed: 05/20/2013

Jerry E. Patterson, Commissioner

By REP

DrillingInfo One-Page Production Summary

Tag This
Element

API# 42-475-30649
 Well# 1
 Lease VARDEN, DOLLY
 Field MOORE-HOOPER (WLFMP\PENN CONS)
 Lease SHERIDAN PRODUCTION COMPANY, LLC
 Operator [Well Op History](#)
 County Ward
 State Texas
 Location 1100.0 FSEL / 6900.0 FNEL, H&TC RR CO A-
 989 Block:33 Section:69
 Elevation 2681 DF
 Date Spud --
 Date TD --
 Logs Run DLL/GR,

Prod.	First Production	Most Recent Production	Cumulative (MCF & BBL)	Gravity (SG & API)	Gatherer
Oil	10/1/06	2/1/13	6	0.00	PLAML
Gas	10/1/06	2/1/13	536,874	0.57	ENTPO

Most Recently Reported Monthly Production (12 Months)

Mo/Yr	Gas (MCF)					Oil (BBL)				Water (BW)	#Wells Flowing	#Wells Other	Avg Gas (MCF/D)	Avg Oil (BBL/D)	Avg Wtr (BW/D)
	Produced	Sold	Used	Vented/Flared	Other	Produced	Sold	Other	Closing						
3/2012	3,449	3,362	87	0	0	0	0	0	0	0	---	---	111.26	0.00	0.00
4/2012	2,746	2,683	63	0	0	0	0	0	0	0	---	---	91.53	0.00	0.00
5/2012	2,865	2,796	69	0	0	0	0	0	0	0	---	---	92.42	0.00	0.00
6/2012	2,939	2,870	69	0	0	0	0	0	0	0	---	---	97.97	0.00	0.00
7/2012	2,790	2,734	54	0	2	2	0	2	0	0	---	---	90.00	0.06	0.00
8/2012	3,203	3,168	31	0	4	4	0	4	0	0	---	---	103.32	0.13	0.00
9/2012	2,783	2,694	89	0	0	0	0	0	0	0	---	---	92.77	0.00	0.00
10/2012	2,869	2,842	27	0	0	0	0	0	0	0	---	---	92.55	0.00	0.00
11/2012	2,744	2,718	26	0	0	0	0	0	0	0	---	---	91.47	0.00	0.00
12/2012	2,863	2,834	29	0	0	0	0	0	0	0	---	---	92.35	0.00	0.00
1/2013	2,541	2,509	32	0	0	0	0	0	0	0	---	---	81.97	0.00	0.00
2/2013	2,249	2,219	30	0	0	0	0	0	0	0	---	---	80.32	0.00	0.00
Totals	34,041	33,429	606	0	6	6	0	6	0	0	---	---	---	---	---

Annual Production

Year	Gas (MCF)	Oil (BBL)	Water (BW)	#Wells Flowing	#Wells Other	Avg Gas (MCF/D)	Avg Oil (BBL/D)	Avg Wtr (BW/D)	Annual Dec. Gas	Annual Dec. Oil
2006	69,169	0	---	---	---	758.43	0.00	0.00	---	---
2007	138,478	0	---	---	---	379.60	0.00	0.00	---	---
2008	92,732	0	---	---	---	254.20	0.00	0.00	33.0%	---
2009	49,923	0	---	---	---	149.29	0.00	0.00	46.2%	---
2010	93,614	0	---	---	---	256.62	0.00	0.00	---	---
2011	52,380	0	---	---	---	143.59	0.00	0.00	44.0%	---
2012	35,788	6	---	---	---	98.10	0.02	0.00	31.7%	---
2013	4,790	0	---	---	---	78.78	0.00	0.00	86.6%	100.0%
Totals	536,874	6	---	---	---	---	---	---	---	---

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DISTRICT > 08 HISTORICAL GAS LEDGER INQUIRY
 FIELD > MOORE-HOOPER (WLF CMP\PENN CONS) # 62718 690 FLD TYPE CAPACITY
 OPERATOR > FOREST OIL CORPORATION # 275740
 LEASE > VARDEN, DOLLY # 229845 WELL # 1

MM/YYYY	ALLOW	GAS PROD	INJECT(I) LIFT(L)	* * AMT CODE	DISPOSITIONS AMT CODE	* * MONTHLY STAT(CD)	CUMU STATUS
01/2006							
02/2006							
03/2006							
04/2006							
05/2006	0	22759	0	339 1	22420 2	22759	22759
06/2006	0	21416	0	386 1	21030 2	21416	44175
07/2006	0	2001	0	595 1	1406 2	2001	46176
08/2006	0	33158	0	1199 1	31959 2	33158	79334
09/2006	0	35157	0	1227 1	33930 2	35157	114491
10/2006	0	29618	0	1178 1	28440 2	29618	144109
11/2006	49340 X	19722	0	915 1	18807 2	-29618	114491
12/2006	32023 X	19829	0	889 1	18940 2	-12194	102297

GO TO DIST > GAS RRC ID # > YEAR >
 PF1=HELP PF2=COND PF3=MENU PF4=PREV PF5=NEXT PF6=LDGR PF7=CORRECTED P2
 PF8=P4 PF9=DISPOSITIONS

DISTRICT > 08 HISTORICAL GAS LEDGER INQUIRY
 FIELD > MOORE-HOOPER (WLF CMP\PENN CONS) # 62718 690 FLD TYPE CAPACITY
 OPERATOR > FOREST OIL CORPORATION # 275740
 LEASE > VARDEN, DOLLY # 229845 WELL # 1

MM/YYYY	ALLOW	GAS PROD	INJECT(I) LIFT(L)	* * DISPOSITIONS * *	MONTHLY STAT(CD)	CUMU STATUS
01/2007	32023 X	14913	0	757 1 14156 2	-17110	85187
02/2007	99040 X	13853	0	618 1 13235 2	-85187	0
03/2007	32023 X	13574	0	805 1 12769 2	-18449	0
04/2007	30990 X	13854	0	877 1 12977 2	-17136	0
05/2007	32023 X	11672	0	939 1 10733 2	-20351	0
06/2007	30990 X	8785	0	691 1 8094 2	-22205	0
07/2007	32023 X	12592	0	813 1 11779 2	-19431	0
08/2007	32023 X	8257	0	725 1 7532 2	-23766	0
09/2007	30990 X	8276	0	703 1 7573 2	-22714	0
10/2007	32023 X	12178	0	794 1 11384 2	-19845	0
11/2007	12180 X	10566	0	780 1 9786 2	-1614	0
12/2007	12586 X	9958	0	809 1 9149 2	-2628	0

GO TO DIST > GAS RRC ID # > YEAR >
 PF1=HELP PF2=COND PF3=MENU PF4=PREV PF5=NEXT PF6=LDGR PF7=CORRECTED P2
 PF8=P4 PF9=DISPOSITIONS

DISTRICT > 08 HISTORICAL GAS LEDGER INQUIRY
 FIELD > MOORE-HOOPER (WLF CMP\PENN CONS) # 62718 690 FLD TYPE CAPACITY
 OPERATOR > FOREST OIL CORPORATION # 275740
 LEASE > VARDEN, DOLLY # 229845 WELL # 1

MM/YYYY	ALLOW	GAS PROD	INJECT(I) LIFT(L)	* * DISPOSITIONS * *	MONTHLY STAT(CD)	CUMU STATUS
01/2008	12183 X	10527	0	926 1 9601 2	-1656	0
02/2008	11397 X	8941	0	810 1 8131 2	-2456	0
03/2008	12183 X	8822	0	780 1 8042 2	-3361	0
04/2008	10560 X	7921	0	696 1 7225 2	-2639	0
05/2008	10540 X	8306	0	727 1 7579 2	-2234	0
06/2008	10200 X	7655	0	702 1 6953 2	-2545	0
07/2008	9548 X	8387	0	732 1 7655 2	-1161	0
08/2008	8835 X	7339	0	701 1 6638 2	-1496	0
09/2008	8040 X	6434	0	675 1 5759 2	-1606	0
10/2008	8401 X	6461	0	698 1 5763 2	-1940	0
11/2008	8130 X	5371	0	645 1 4726 2	-2759	0
12/2008	8401 X	6568	0	692 1 5876 2	-1833	0

GO TO DIST > GAS RRC ID # > YEAR >
 PF1=HELP PF2=COND PF3=MENU PF4=PREV PF5=NEXT PF6=LDGR PF7=CORRECTED P2
 PF8=P4 PF9=DISPOSITIONS

DISTRICT > 08 HISTORICAL GAS LEDGER INQUIRY
 FIELD > MOORE-HOOPER (WLF CMP\PENN CONS) # 62718 690 FLD TYPE CAPACITY
 OPERATOR > FOREST OIL CORPORATION # 275740
 LEASE > VARDEN, DOLLY # 229845 WELL # 1

MM/YYYY	ALLOW	GAS PROD	INJECT(I) LIFT(L)	* * DISPOSITIONS * *	MONTHLY STAT(CD)	CUMU STATUS
01/2009	7347 X	5547	0	674 1 4873 2	-1800	0
02/2009	5992 X	4729	0	607 1 4122 2	-1263	0
03/2009	6572 X	4390	0	666 1 3724 2	-2182	0
04/2009	6360 X	2835	0	607 1 2228 2	-3525	0
05/2009	6572 X	5115	0	672 1 4443 2	-1457	0
06/2009	5370 X	4359	0	631 1 3728 2	-1011	0
07/2009	5239 X	4861	0	674 1 4187 2	-378	0
08/2009	T. A.	4820	0	655 1 4165 2	4820	4820
09/2009	T. A.	4650	0	638 1 4012 2	4650	9470
10/2009	T. A.	NO RPT				9470
11/2009	13464 X	3994	0	638 1 3356 2	-9470	0
12/2009	4623 X	4623	0	3938 2 685 3	0	0

GO TO DIST > GAS RRC ID # > YEAR >
 PF1=HELP PF2=COND PF3=MENU PF4=PREV PF5=NEXT PF6=LDGR PF7=CORRECTED P2
 PF8=P4 PF9=DISPOSITIONS

14:08:13 Mon May 20, 2013

DISTRICT > 08 HISTORICAL GAS LEDGER INQUIRY
FIELD > MOORE-HOOPER (WLF CMP \ PENN CONS) # 62718 690 FLD TYPE CAPACITY
OPERATOR > SANDRIDGE EXPL. AND PROD., LLC # 748011
LEASE > VARDEN, DOLLY # 229845 WELL # 1

MM/YYYY	ALLOW	GAS PROD	INJECT(I) LIFT(L)	* * AMT	DISPOSITIONS CODE	* * AMT	CODE	MONTHLY STAT(CD)	CUMU STATUS
01/2010	5624 X	5624	0	698	1	4926	3	0	0
02/2010	20323 X	20323	0	1425	1	18898	2	0	0
03/2010	11163 X	11163	0	714	1	10449	2	0	0
04/2010	10469 X	10469	0	664	1	9805	2	0	0
05/2010	6297 X	6297	0	34	1	6263	2	0	0
06/2010	7790 X	7790	0	41	1	7749	2	0	0
07/2010	7998 X	6684	0	36	1	6648	2	-1314	0
08/2010	9207 X	5918	0	32	1	5886	2	-3289	0
09/2010	8910 X	4876	0	26	1	4850	2	-4034	0
10/2010	8060 X	4117	0	22	1	4095	2	-3943	0
11/2010	7800 X	3694	0	20	1	3674	2	-4106	0
12/2010	6727 X	6659	0	36	1	6623	2	-68	0

GO TO DIST > GAS RRC ID # > YEAR >
PF1=HELP PF2=COND PF3=MENU PF4=PREV PF5=NEXT PF6=LDGR PF7=CORRECTED P2
PF8=P4 PF9=DISPOSITIONS

14:08:45 Mon May 20, 2013

DISTRICT > 08 HISTORICAL GAS LEDGER INQUIRY
FIELD > MOORE-HOOPER (WLFCMP\PENN CONS) # 62718 690 FLD TYPE CAPACITY
OPERATOR > SANDRIDGE EXPL. AND PROD., LLC # 748011
LEASE > VARDEN, DOLLY # 229845 WELL # 1

MM/YYYY	ALLOW	GAS PROD	INJECT(I) LIFT(L)	* * AMT	DISPOSITIONS CODE	* * AMT	DISPOSITIONS CODE	MONTHLY STAT(CD)	CUMU STATUS
01/2011	5921 X	5665	0	30	1	5635	2	-256	0
02/2011	3844 X	3844	0	21	1	3823	2	0	0
03/2011	6696 X	4935	0	26	1	4909	2	-1761	0
04/2011	6480 X	4498	0	24	1	4474	2	-1982	0

GO TO DIST > GAS RRC ID # > YEAR >
PF1=HELP PF2=COND PF3=MENU PF4=PREV PF5=NEXT PF6=LDGR PF7=CORRECTED P2
PF8=P4 PF9=DISPOSITIONS

DISTRICT > 08 GAS LEDGER INQUIRY
 FIELD > MOORE-HOOPER (WLF CMP\PENN CONS) # 62718 690
 OPERATOR > SHERIDAN PRODUCTION COMPANY, LLC # 775854
 LEASE > VARDEN, DOLLY # 229845 WELL # 1

MM/YYYY	ALLOW	GAS PROD	GAS LIFT	* AMT	* CODE	* DISPOSITIONS AMT	* CODE	CUMU STAT	G/C (MCF/BBL)	RATIO
05/2011	6696 X	4419	0	24	1	4395	2		0	
06/2011	5490 X	3542	0	19	1	3523	2		0	
07/2011	5289 X	5289	0	351	1	4938	2		0	
08/2011	DLQ G-10	4283	0	23	1	4260	2	4283		
09/2011	DLQ G-10	4687	0	25	1	4662	2	8970		
10/2011	12701 X	3731	0	20	1	3711	2		0	
11/2011	3735 X	3735	0	20	1	3715	2		0	
12/2011	4216 X	3752	0	112	1	3640	2		0	
01/2012	4216 X	3575	0	103	1	3472	2		0	
02/2012	T. A.	2962	0	81	1	2881	2	2962		
03/2012	T. A.	3449	0	87	1	3362	2	6411		
04/2012	T. A.	2746	0	63	1	2683	2	9157		

GO TO DIST > GAS RRC ID # >

PF1=HELP PF2=COND PF3=MENU PF4=PROD RMKS PF6=PROD PF7=SCHEDULE PF8=P4 PF9=LDGR
 PF10=G10 PF11=STATUS PF12=G-1 PF17=P-17 PMT PF18=T-1 PF19=HIST LDG

** PRESS ENTER TO SCROLL **

DISTRICT > 08 GAS LEDGER INQUIRY
 FIELD > MOORE-HOOPER (WLFCMP\PENN CONS) # 62718 690
 OPERATOR > SHERIDAN PRODUCTION COMPANY, LLC # 775854
 LEASE > VARDEN, DOLLY # 229845 WELL # 1

MM/YYYY	ALLOW	GAS PROD	GAS LIFT	* AMT	* CODE	* DISPOSITIONS AMT	* CODE	CUMU G/C RATIO STAT (MCF/BBL)
05/2012	T. A.	2865	0			69 1	2796 2	12022
06/2012	T. A.	2939	0			69 1	2870 2	14961
07/2012	17751 X	2790	0			54 1	2736 #	0 395
08/2012	3224 X	3203	0			31 1	3172 #	0 801
09/2012	2940 X	2783	0			89 1	2694 2	0
10/2012	3038 X	2869	0			27 1	2842 2	0
11/2012	3090 X	2744	0			26 1	2718 2	0
12/2012	3193 X	2863	0			29 1	2834 2	0
01/2013	3193 X	2541	0			32 1	2509 2	0
02/2013	2604 X	2249	0			30 1	2219 2	0
03/2013	2883 X	NO RPT						0
04/2013	2760 X	NO RPT						0

GO TO DIST > GAS RRC ID # >
 PF1=HELP PF2=COND PF3=MENU PF4=PROD RMKS PF6=PROD PF7=SCHEDULE PF8=P4 PF9=LDGR
 PF10=G10 PF11=STATUS PF12=G-1 _ PF17=P-17 PMT _ PF18=T-1 _ PF19=HIST LDG
 ** PRESS ENTER TO SCROLL **

Oil & Gas Data Query

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Specific Lease Query Results

Query Path: [Search Criteria](#) > District: 08

Date Range: Apr 2012 to Mar 2013

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[Offshore County Map](#)
[Production and Total Disposition](#) [Disposition Details](#) [County Production](#)

Search Criteria:

Lease Name: VARDEN, DOLLY, Lease No.: 229845, Well No.: 1

Well Type: Gas

District: 08

Lease Production and Disposition

Date Range: Apr 2012 - Mar 2013

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11 - 12 of 12 results

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Date	GW Gas (MCF)		Condensate (BBL)		Operator Name	Operator No.	Field Name	Field No.
	Production	Disposition	Production	Disposition				
Feb 2013	2,249	2,249	0	0	SHERIDAN PRODUCTION COMPANY, LLC	775854	MOORE-HOOPER (WLFMP\PENN CONS)	62718690
Mar 2013	NO RPT	NO RPT	NO RPT	NO RPT				
Total	30,592	30,592	6	6				

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Specific Lease Query Results

Query Path: [Search Criteria](#) > District: 08Date Range: Apr 2012 to Mar 2013

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[O&G Proration Schedule](#)
[Offshore County Map](#)
[Production and Total Disposition](#) [Disposition Details](#) [County Production](#)

Search Criteria:

Lease Name: VARDEN, DOLLY, Lease No.: 229845, Well No.: 1

Well Type: Gas

District: 08

Lease Production and Disposition

Date Range: Apr 2012 - Mar 2013

1 - 10 of 12 results

[<<First] [<Previous] [Next>] [Last>>] | Page: 1 2 of 2

Page Size: 10

Date	GW Gas (MCF)		Condensate (BBL)		Operator Name	Operator No.	Field Name	Field No.
	Production	Disposition	Production	Disposition				
Apr 2012	2,746	2,746	0	0	SANDRIDGE EXPL. AND PROD., LLC	748011	MOORE-HOOPER (WLFMP\PENN CONS)	62718690
May 2012	2,865	2,865	0	0				
Jun 2012	2,939	2,939	0	0				
Jul 2012	2,790	2,790	2	2				
Aug 2012	3,203	3,203	4	4				
Sep 2012	2,783	2,783	0	0				
Oct 2012	2,869	2,869	0	0				
Nov 2012	2,744	2,744	0	0				
Dec 2012	2,863	2,863	0	0				
Jan 2013	2,541	2,541	0	0				

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File No. MF066110

Production Review

Date Filed: 05/20/2013

Jerry E. Patterson, Commissioner

By JP

Vendor No.	Vendor Name	Check Date	Check Number	Check Total
7002610	GENERAL LAND OFFICE OF TEXAS	Apr-28-2020	000054789	\$1,200.00

INV DATE	VENDOR INV #	TOTAL AMOUNT	PRIOR PMTS & DISCOUNTS	NET AMOUNT
04/15/20	SHUTIN DOLLY V01	1,200.00	0.00	1,200.00

MF 066110
River

121

Direct Inquiries to:
Phone: (972)332-1419
E-Mail: OIAPGFDLENERGY.COM

PAYEE: DETACH THIS STATEMENT BEFORE DEPOSITING



FDL Operating, LLC.
5221 N O'Connor Blvd.
Suite 1100
Irving, Texas 75039

JPMorgan Chase Bank,
N.A., Dallas, TX

32-61/1110 20708566
000054789

CHECK NO	CHECK DATE	PAY EXACTLY
000054789	Apr-28-2020	\$1,200.00

PAY
EXACTLY

ONE THOUSAND TWO HUNDRED DOLLARS and ZERO CENTS

TO THE
ORDER
OF

GENERAL LAND OFFICE OF TEXAS
1700 CONGRESS AVE.
AUSTIN TX 78701-1495

[Signature]

AUTHORIZED SIGNATURE

⑈000054789⑈

DESIGN

78.

File No. MF066110
Shut in payment County

Date Filed: 10/7/20

George P. Bush, Commissioner

By SSD