FORM IV-2
(Obverse)
(12-81)

Date: June 1, 19 83

Operator's Well No. LOONEY-RAMSEY UNIT #1

API Well No. 47 — 087 — 3789
State — County — Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OIL AND GAS DIVISION

OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil ____ / Gas X /
(If "Gas", Production X / Underground storage ____ / Deep ____ / Shallow X /)

LOCATION: Elevation: 920' Watershed: ____
District: Smithfield County: Roane Quadrangle: ____

WELL OPERATOR DELTA DRILLING CO., N.E. PRODUCTION
Address R.D. #4 - S. 6th St. Ext. - Box #189A
Indiana, PA. 15701

DESIGNATED AGENT John O. Kizer
Address P.O. Box #951
Charleston, W. VA. 25323

OIL & GAS ROYALTY OWNER Pauline G. Looney
Address RFD
Looneyville, W. VA. 25259
Acreage ____

COAL OPERATOR None
Address ____

COAL OWNER(S) WITH DECLARATION ON RECORD:
Name Same as surface owner
Address ____
Name N/A
Address ____

SURFACE OWNER Pauline G. Looney
Address RFD
Looneyville, W. VA. 25259
Acreage ____

FIELD SALE (IF MADE) TO:
Address ____

OIL & GAS INSPECTOR TO BE NOTIFIED
Name Homer H. Dougherty
Address Linden Rt., Box 3-A
Looneyville, W. VA. 25259

COAL LESSEE WITH DECLARATION ON RECORD:
Name N/A
Address ____

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed ____ / lease X / other contract ____ / dated February 2, 19 74, to the undersigned well operator from O.D. Looney and Pauline G. Looney
(If said deed, lease, or other contract has been recorded:)
Recorded on February 27, 19 74, in the office of the Clerk of the County Commission of Roane County, West Va., in Lease Book 131 at page 299. A permit is requested as follows:

PROPOSED WORK: Drill ____ / Drill deeper ____ / Redrill ____ / Fracture or stimulate ____ /
Plug off old formation ____ / Perforate new formation ____ /
Other physical change in well (specify) ____

—planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

09/15/2023

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION
1615 WASHINGTON STREET EAST
CHARLESTON, WV 25311
TELEPHONE: (304) 348-3092

BLANKET BOND

DELTA DRILLING CO., NORTHEAST PRODUCTION DIV.
Well Operator
By Jeff Davis
Its Jeff Davis, Field Project Manager

FORM IV-2
(Reverse)
(11-81)

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) N/A

Address _____

GEOLOGICAL TARGET FORMATION, Brown shale

Estimated depth of completed well, ± 5360 feet Rotary X / Cable tools _____ /

Approximate water strata depths: Fresh, ± 175 feet; salt, _____ feet.

Approximate coal seam depths: _____ Is coal being mined in the area? Yes _____ / No X /

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS Size	Grade	Weight per ft	New	Used	FOOTAGE INTERVALS For drilling	Left in well	CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
Conductor	16"					20'	20'		Kinds
Fresh Water	11-3/4"		42			200'	200'	to surface	by Rule 15-05
Coal									Sizes
Intermediate	8-5/8"		24			2300	2300	to surface	
Production	4-1/2"		10.5			5360	5360	500 Sks.	Depths set OR AS REQ
Tubing									by Rule 15-01
Liners									Perforations:
									Top Bottom

NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code § 22-4-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.

A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.

THIS PERMIT MUST BE POSTED AT THE WELL SITE.
ALL PROVISIONS BEING IN ACCORDANCE WITH CHAPTER 22, ARTICLE 4 OF THE W. VA. CODE, THE LOCATION IS HEREBY APPROVED FOR drilling. THIS PERMIT SHALL EXPIRE IF OPERATIONS HAVE NOT COMMENCED BY 3/27/84,
BY _____

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof.

WAIVER

09/15/2023

The undersigned coal operator _____ / owner _____ / lessee _____ / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

BLANKET BOND

By _____

Date: _____, 19 _____

Its _____

WELL NAME:	Looney-Ramsey Unit #1
SURFACE OWNER:	Pauline G. Looney RFD Looneyville, W. VA. 25259
OIL & GAS OWNER:	Gene Looney 87 Knollwood Drive Paramus, New Jersey 07652

09/15/2023

MAY 30 1983

WELL NO. P. LOONEY No 1

State of West Virginia API NO. 47 - 087 3789

Department of Mines

Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME DELTA DRILLING

Address 200 FLEET ST. SUITE 4005 PITTSBURG, PA 15220

Telephone (412) 922-3744

OWNER PAULINE LOONEY

DESIGNATED AGENT JOHN O. KIZER

Address BOX 951 CHARLESTON, W.Va. 25323

Telephone (304) 343-4841

SOIL CONS. DISTRICT LITTLE KANAWHA

Revegetation to be carried out by DELTA DRILLING COMPANY (Agent)

This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan: 5-31-83 (Date)

Jarrett Newton (SCD Agent)

ACCESS ROAD		LOCATION
Structure DRAINAGE DITCH	(A)	Structure DIVERSION DITCH
Spacing EARTHEN		Material EARTHEN
Page Ref. Manual 2:12		Page Ref. Manual 2:12
Structure CROSS DRAINS	(B)	Structure ROCK-RIP-RAP
Spacing 2% every 250'		Material ROCK
Page Ref. Manual 2:4		Page Ref. Manual (2-16)(C-4)
Structure ROAD CULVERT	(C)	Structure PIT
Spacing		Material EARTHEN
Page Ref. Manual 2:7		Page Ref. Manual

All structures should be inspected regularly and repaired if necessary. All commercial timber is to be cut and stacked and all brush and small timber to be cut and removed from the site before dirt work begins.

REVEGETATION

Treatment Area I		Treatment Area II	
Lime 2 Tons/acre		Lime 2 Tons/acre	
or correct to pH 6.5		or correct to pH 6.5	
Fertilizer 600 lbs/acre (10-20-20 or equivalent)		Fertilizer 600 lbs/acre (10-20-20 or equivalent)	
Mulch HAY 2 Tons/acre		Mulch HAY 2 Tons/acre	
Seed* LADINO CLOVER 3 lbs/acre		Seed* LADINO CLOVER 3 lbs/acre	
KY 31 40 lbs/acre		KY 31 40 lbs/acre	
lbs/acre		lbs/acre	

*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. Inoculate with 3X recommended amount.

PLAN PREPARED BY MARK C. ECHARD 462-5565

ADDRESS STAR Rte. 71 BOX 6 GLENVILLE, W.Va. 26351

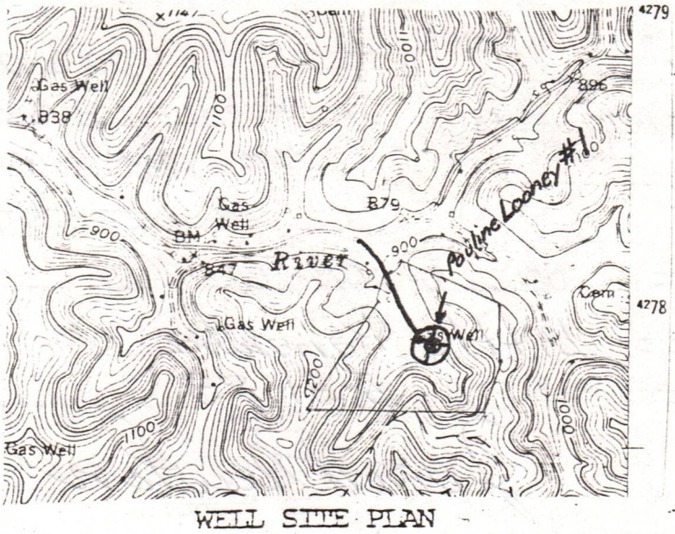
NOTES: Please request landowners' cooperation to protect new

ATTACH OR PHOTOCOPY SECTION OF
APPROVED TOPOGRAPHIC MAP.
QUADRANGLE LOONEYVILLE 7.5'

LEGEND

Well Site

Access Road



WELL SITE PLAN

Sketch to include well location, existing access road, roads to be constructed, wellsite drilling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.

LEGEND

Property boundary

Road

Existing fence

Planned fence

Stream

Open ditch

Diversion

Spring

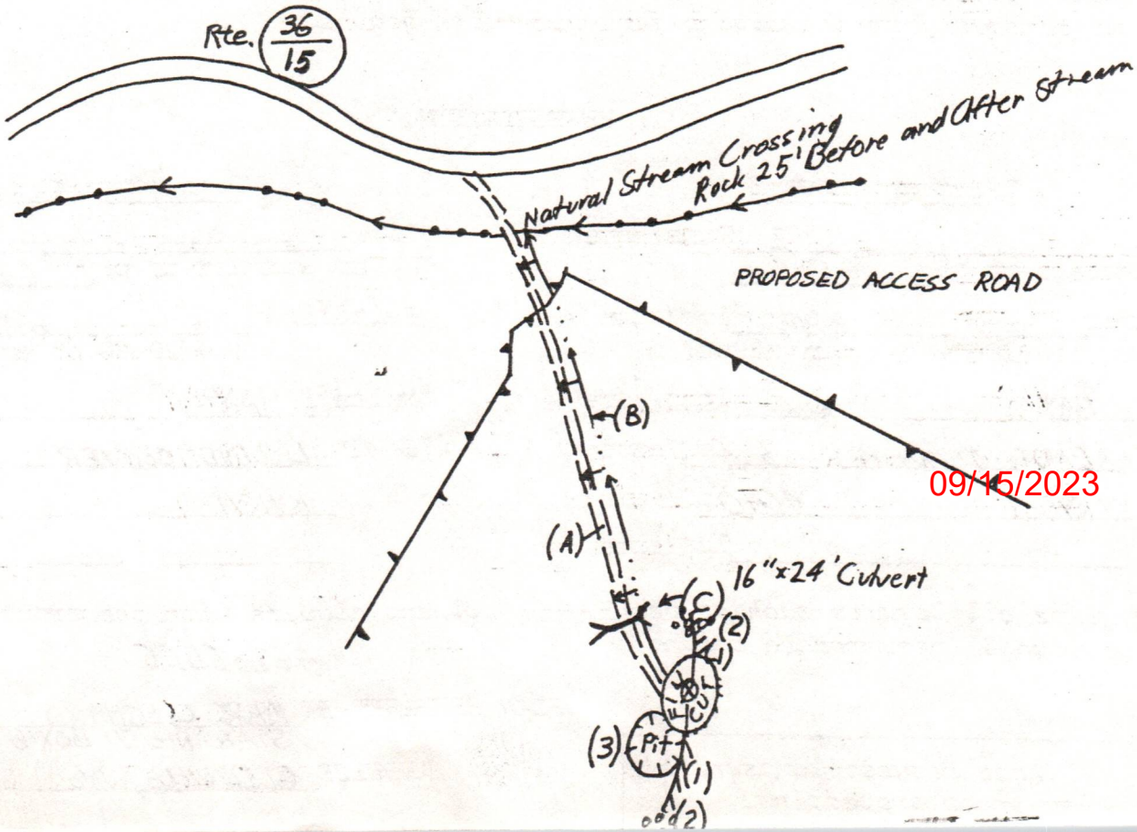
Wet spot

Building

Drain pipe

Waterway

* Topsoil will be Stockpiled for reclaiming



09/15/2023

4. If operations for drilling are not commenced on said land on or before one year from the date hereof, this lease shall (except as otherwise provided in this paragraph) terminate, unless lessee (or someone in his behalf) on or before such date, shall pay or tender to lessor, or to lessor's credit in the Mail direct to O. D. Looney and Pauline Looney Bank at RFD Looneyville, West Virginia 25259 (which bank and its successors shall continue as the depository regardless of changes in the ownership of said land or of the right to receive rentals), the sum of Forty-seven and No/100 DOLLARS ($ 47.00), which shall operate as a delay rental and cover the privilege of deferring the commencement of such operations for 12 months from said date. In like manner and upon like payments or tenders, the commencement of such operations may be further deferred for like periods of the same number of months successively during the primary term hereof. All payments or tenders may be made by cash, check or draft, mailed or delivered on or before the delay rental date, and the depositing of such cash, check or draft in any post office, addressed to the depository bank or lessor (at his last known address as shown by lessee's records) on or before the delay rental date, shall be deemed payment or tender as herein provided. Notwithstanding the death of lessor, payment or tender of rentals to such deceased or to his credit in the manner provided herein shall be binding on the heirs, devisees, executors, administrators and personal representatives of lessor and his successors in interest. If lessee shall, on or before any delay rental date, make a bona fide attempt to pay or deposit delay rental to a lessor entitled thereto under this lease according to lessee's records or to a lessor who prior to such attempted payment or deposit, has given lessee notice, in accordance with the terms of this lease hereinafter set forth, of his right to receive delay rental, and if such payment or deposit shall be erroneous in any regard (whether deposited in the wrong depository, paid to persons other than the parties entitled thereto as shown by lessee's records, in an incorrect amount, or otherwise), lessee shall be unconditionally obligated to pay to such lessor the delay rental properly payable for the delay rental period involved, but this lease shall be maintained in the same manner as if such erroneous payment or deposit had been properly made, provided that the erroneous payment or deposit be corrected within 30 days after receipt by lessee of written notice from such lessor of such error, accompanied by any documents and other evidence necessary to enable lessee to make proper payment. The consideration first recited herein, the down payment, covers not only the privilege granted to the date when said first delay rental is payable as aforesaid, but also lessee's option of extending that period as aforesaid, and any and all other rights conferred.

5. Should the first well drilled on the above described land in an effort to secure production of oil or gas be completed as a dry hole, then, and in that event, if additional operations for drilling are not commenced on said land within 12 months from the expiration of the last delay rental period for which rental has been paid (it being understood that for the purpose of this paragraph the period of time extending from the date of this lease to the first delay rental date shall be considered as a rental period for which delay rental has been paid), this lease shall terminate as to both parties, unless lessee on or before the expiration of said 12 months shall resume the payment of delay rentals in the same amount and in the same manner as hereinbefore provided. Upon resumption of the payment of delay rentals as above provided, the last preceding paragraph hereof, governing the payment of delay rentals and the effect thereof, shall continue in force just as though there had been no interruption in delay rental payments.

6. If a well capable of producing gas in paying quantities located on the leased premises (or on acreage pooled or consolidated with all or a portion of the leased premises into a unit for the drilling or operation of such well) is at any time shut-in and no gas or gas-condensate therefrom is sold or used off the premises or for the manufacture of gasoline or other products, nevertheless such shut-in well shall be deemed to be a well on the leased premises producing gas in paying quantities and this lease will continue in force during all of the time or times while such well is so shut-in, whether before or after the expiration of the primary term hereof. Lessee shall use reasonable diligence to market gas or gas-condensate capable of being produced from such shut-in well but shall be under no obligation to market such products under terms, conditions or circumstances which, in lessee's judgment exercised in good faith, are unsatisfactory. Lessee shall be obligated to pay or tender to lessor within 45 days after the expiration of each period of one year in length (annual period) during which such well is so shut-in, as royalty, an amount equal to the annual delay rental herein provided applicable to the interest of lessor in acreage embraced in this lease as of the end of such annual period, or, if this lease does not provide for any delay rental, then the sum of $50.00, provided that, if gas or gas-condensate from such well is sold or used as aforesaid before the end of any such annual period, or if, at the end of any such annual period, this lease is being maintained in force and effect otherwise than by reason of such shut-in well, lessee shall not be obligated to pay or tender, for that particular annual period, said sum of money. Such payment shall be deemed a royalty under all provisions of this lease. Such payment may be made or tendered to lessor or to lessor's credit in the depository bank above designated. Royalty ownership as of the last day of each such annual period as shown by lessee's records shall govern the determination of the party or parties entitled to receive such payment.

7. The respective amounts of all delay rentals, royalties and other payments hereunder are to be calculated in proportion to lessor's interest in the rights with respect to which each such payment is made; that is, in case lessor owns a less interest in any of the rights which are the subject of this lease than the full and entire interest therein, then the payments in respect to such rights which are herein provided for shall be paid lessor only in the proportion which lessor's interest in such rights bears to the full and entire interest in such rights.

8. If the leased premises are now, or shall hereafter be, owned in severalty or in separate tracts, the premises nevertheless shall be developed and operated as one lease, and all rentals, royalties and payments provided for hereunder shall be treated as an entirety and shall be divided among, and paid to, such separate owners in the proportion that the acreage owned by each such separate owner bears to the entire leased acreage.

9. If the estate of either party hereto is assigned or sublet, and the privilege of assigning or subletting in whole or in part is expressly allowed, the express and implied covenants hereof shall extend to the sublessees, successors and assigns of the parties, and in the event of an assignment or subletting by lessee, lessee shall be relieved and discharged as to the leasehold rights so assigned or sublet from any liability to lessor thereafter accruing upon any of the covenants or conditions of this lease, either express or implied. No change in the ownership of said land or any interest therein or pertaining thereto, however accomplished, shall operate to enlarge the obligations or diminish the rights of lessee or require separate measuring or installation of separate tanks by lessee. Notwithstanding any actual or constructive knowledge of, or notice to, lessee, no change in ownership, whether by reason of death, conveyance, or any other matter, shall be binding on lessee (except at lessee's option in any particular case) until 90 days after lessee has been furnished written notice thereof, and the supporting information hereinafter referred to, by the party claiming as a result of such change in ownership. Such notice shall be supported by original or certified copies of all documents and other instruments or proceedings necessary in lessee's opinion to establish the ownership of the claiming party. If this lease is assigned or sublet insofar as it covers only a part of the acreage embraced in the leased premises, the delay rentals hereinabove provided for shall be apportioned to the separate parts ratably according to the surface acreage of each, and failure of the leasehold owner or sublessee of any separate part of the above described lands to make a rental payment with respect to such part shall in no event operate to terminate or affect this lease insofar as it covers any other part thereof.

10. Lessee may, at any time, execute and deliver to lessor or place of record a release covering all or any part of the acreage embraced in the leased premises or covering any one or more zones, formations or depths underlying all or any part of such acreage, and thereupon shall be relieved of all obligations thereafter to accrue with respect to the acreage, zones, formations or depths covered by such release. In event of a release of this lease as to all rights in only a part of the acreage embraced in the leased premises, thereafter the delay rentals hereinabove provided for shall be reduced proportionately on an acreage basis.

11. Lessee is granted the right, from time to time while this lease is in force, to pool into a separate drilling or production unit or units all or any part of the land covered by this lease with other land, lease or leases, or interests therein (whether such other interests are pooled by a voluntary agreement on the part of the owners thereof or by the exercise of a right to pool by the lessees thereof), when in lessee's judgment it is necessary or advisable in order to promote conservation, to properly develop or operate the land and interests to be pooled, or to obtain a multiple production allowable from any governmental agency having control over such matters. Any pooling hereunder may cover all oil and gas, or any one or more of the substances covered by this lease, and may cover one or more or all zones or formations underlying all or any portion or portions of the leased premises. Any unit formed by such pooling shall be of abutting or cornering tracts and shall not exceed 640 acres (plus a tolerance of 10%) for gas or gas-condensate and shall not exceed 80 acres (plus a tolerance of 10%) for any other substance covered by this lease; provided that if any governmental regulation or order shall prescribe a spacing pattern for the development of a field wherein the above described land, or a portion thereof, is located, or allocate a producing allowable based on acreage per well, then any such unit may embrace as much additional acreage as may be so prescribed or as may be permitted in such allocation of allowable. The area pooled and the zones or formations and substances pooled shall be set forth by lessee in a "declaration of pooling" filed for record in the county or counties in which the pooled area is located which declaration of pooling shall constitute a supplement to this lease. Such pooling shall be effective on the date such declaration is filed unless a later effective date is specified in such declaration. In lieu of the royalties elsewhere herein specified, except shut-in gas well royalties, lessor shall receive on production from an area so pooled only such portion of the royalties which, in the absence of such pooling, would be payable hereunder to lessor on production from the land covered by this lease which is placed in the pooled area as the amount of the surface acreage in the land covered by this lease which is placed in the pooled area bears to the amount of the surface acreage of the entire pooled area. Nothing herein contained shall authorize or effect any transfer of any title to any leasehold, royalty or other interest pooled pursuant hereto. The commencement of a well, the conduct of other drilling operations, the completion of a well or of a dry hole, or the operation of a producing well on the pooled area, shall be considered for all purposes (except for royalty purposes) the same as if said well were located on, or such drilling operations were conducted upon, the lands covered by this lease whether or not such well is located upon, or such drilling operations are conducted upon, said lands. Lessee may terminate any pooling effected pursuant hereto at any time the pooled unit is not producing and no drilling operations are being conducted thereon by executing and filing of record in the county or counties in which the pooled area is located a written declaration of the termination of such pooling, provided that the pooling of all interests not covered by this lease which comp[illegible] of such pooled unit be also terminated in some effective manner.

12. Lessee shall have the right to use, free of cost, oil, gas and water produced on said land for its operations thereon except water from wells of lessor. Lessee shall have the right at any time to remove all machinery and fixtures placed on said premises, including the right to draw and remove casing. No part of the surface of the leased premises shall, without the written consent of lessee, be let, granted or licensed by lessor to any other party for the location, construction or maintenance of structures, tanks, pits, reservoir, equipment, or machinery to be used for the purpose of exploring, developing, or operating adjacent lands for oil, gas or other minerals.

13. Lessee shall bury below plow depth its pipe lines on the leased premises when requested by a lessor owning an interest in the surface. No well shall be drilled nearer than 200 feet of any house or barn now on said premises without the written consent of the owner of the surface on which such house or barn is located. Lessee shall pay for damages to growing crops caused by its operations on said lands.

14. Lessor hereby warrants and agrees to defend the title to the lands herein described, but if the interest of lessor covered by this lease is expressly stated to be less than the entire fee or mineral estate, lessor's warranty shall be limited to the interest so stated. Lessee may purchase or lease the rights of any party claiming any interest in said land and exercise such rights as may be obtained thereby but lessee shall not suffer any forfeiture nor incur any liability to lessor by reason thereof. Lessee shall have the right at any time to pay for lessor, any mortgage, taxes or other lien on said lands, in the event of default of payment by lessor, and be subrogated to the rights of the holder thereof, and any such payments made by lessee for lessor may be deducted from any amounts of money which may become due lessor under this lease.

15. All express provisions and implied covenants of this lease shall be subject to all applicable laws, governmental orders, rules and regulations. This lease shall not be terminated in whole or in part, nor lessee held liable in damages, because of a temporary cessation of production or of drilling operations due to breakdown of equipment or due to the repairing of a well or wells, or because of failure to comply with any of the express provisions or implied covenants of this lease if such failure is the result of the exercise of governmental authority, war, armed hostilities, lack of market, act of God, strike, civil disturbance, fire, explosion, flood, or any other cause reasonably beyond the control of lessee.

16. This lease and all provisions thereof shall be applicable to and binding upon the parties and their respective heirs, devisees, personal representatives, successors and assigns. Reference herein to lessor and lessee shall include reference to their respective heirs, devisees, personal representatives, successors and assigns. Should any one or more of the parties named above as lessors not execute this lease, it shall nevertheless be binding upon the party or parties executing the same.

IN WITNESS WHEREOF, this lease is executed as of the day and year first above written.

LESSOR

_____ (SEAL) X O. D. Looney (SEAL)
O. D. Looney SSN*** 223-14-5031

_____ (SEAL) _____ (SEAL)

_____ (SEAL) X Pauline Looney (SEAL)
Pauline Looney SSN 225-70-8959

_____ (SEAL) _____ (SEAL)

_____ (SEAL) _____ (SEAL)

This Instrument prepared by Paul K. Weekley, Sr.

Address RFD 3, Box 2, Spencer, West Virginia 25276

(Individual—W. Va.)

STATE OF West Virginia
COUNTY OF Roane } SS.

I, Paul K. Weekley, a Notary Public of said County of Roane

do certify that O. D. Looney & Pauline Looney, his wife

whose name(s) is (are) signed to the writing above, bearing date the 2nd day of February, 1974, has (have) this day acknowledged the same before me in my said county.

Given under my hand this 2nd day of February, 1974.

My commission expires November 18, 1975

Paul K. Weekley, Sr.
NOTARY PUBLIC

(Individual—W. Va.)

STATE OF _____
COUNTY OF _____ } SS.

I, _____ a Notary Public of said County of _____

do certify that _____

whose name(s) is (are) signed to the writing above, bearing date the _____ day of _____, 19____, has (have) this day acknowledged the same before me in my said county.

Given under my hand this _____ day of _____, 19____

My commission expires _____

NOTARY PUBLIC

STATE OF WEST VIRGINIA
ROANE COUNTY COURT CLERK'S OFFICE 2-27-1974 3:48 P.M.

Book No. 131

The foregoing instrument together with the certificate thereto annexed, was this date admitted to record in said office.

File No. 70018

Fee 2.25

GENE M. ASHLEY, Clerk

By Geo. F. Miller Deputy

FORM IV-35
(REVERSE)

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

PERFORATIONS	75 QUALITY FOAM	SAND	AVE. INJECTION RATE
5475 - 4955 (15)	480,000 SCF/N^2	4800# 100 MESH 30,000# 20/40	45.0 BPM
4764 - 4118 (15)	480,000	40,000# 20/40	45.0 BPM
3720 - 3178 (13)	450,000	40,000# 20/40	39.0 BPM

WELL LOG

FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
TOPSOIL	0	3	
SHALE (GRAY)	3	15	
COAL (BLACK)	15	18	
SHALE (GREY)	18	22	
SAND (WHITE)	22	233	
RED ROCK & SHALE (RED & GREY)	233	243	
SHALE (GREY)	243	282	
SAND & SHALE (GREY)	282	292	
SHALE (GREY)	292	322	
SAND (WHITE)	322	359	
RED ROCK (RED)	359	380	
SHALE (GREY)	380	390	
RED ROCK	390	422	
SAND & SHALE (GREY)	422	430	
SHALE (GREY)	430	540	
SAND & SHALE (WHITE & GREY)	540	620	
SHALE (GREY)	620	1311	
SAND (WHITE)	1311	1474	
SAND & SHALE (GREY)	1474	1552	DAMP @ 1480'
SAND (WHITE)	1552	1612	
SHALE (GREY)	1612	1625	
SAND (WHITE)	1625	1651	
SHALE (GREY)	1651	1661	
BIG LIME (GREY)	1661	1770	
SAND (GREY & WHITE)	1770	1925	
SHALE (GREY)	1925	5596 (T.D.)	

(Attach separate sheets as necessary)

DELTA DRILLING COMPANY, NORTHEAST PRODUCTION DIVISION

Well Operator

By: Wallace G. Darden

Date: November 8, 1983

Wallace G. Darden
Production Div. Mgr.

09/15/2023

Note: Regulation 2.02(i) provides as follows:
"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."

IV-35
(Rev 8-81)

RECEIVED
DEC 14 1983
OIL & GAS DIVISION
DEPT. OF MINES

State of West Virginia
Department of Mines
Oil and Gas Division

Date November 8, 1983
Operator's Well No. 1
Farm Looney-Ramsey Unit #1
API No. 47 - 087 - 3789

WELL OPERATOR'S REPORT OF DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil ___ / Gas X / Liquid Injection ___ / Waste Disposal ___ /
(If "Gas," Production X / Underground Storage ___ / Deep ___ / Shallow X /)

LOCATION: Elevation: 940' Watershed ___
District: Smith field County Roane Quadrangle Looneyville 7.5'

COMPANY DELTA DRILLING CO., NORTHEAST PRODUCTION
ADDRESS R.D. #4 - Box #189A, Indiana, PA. 15701
DESIGNATED AGENT John O. Kizer
ADDRESS P.O. Box #951, Charleston, W. VA. 25323
SURFACE OWNER Pauline G. Looney
ADDRESS RFD, Looneyville, W. VA. 25259
MINERAL RIGHTS OWNER Gene Looney
ADDRESS 87 Knollwood Dr. Paramus, N.J. 07652
OIL AND GAS INSPECTOR FOR THIS WORK Homer H. Daugherty ADDRESS Linden Rt. Box #3-A Looneyville, W. VA. 25259
PERMIT ISSUED June 1, 1983
DRILLING COMMENCED 9/18/83
DRILLING COMPLETED 9/23/83
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON ___

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"		200	200
9 5/8			
8 5/8		1907	1907
7			
5 1/2			
4 1/2		5562	2562
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Brown Shale Depth 5596 feet
Depth of completed well 5562 feet Rotary X / Cable Tools ___
Water strata depth: Fresh — feet; Salt 1480' feet
Coal seam depths: — Is coal being mined in the area? ___

OPEN FLOW DATA
Producing formation Brown Shale Pay zone depth 5475 feet
Gas: Initial open flow ___ Mcf/d Oil: Initial open flow ___ Bbl/d
Final open flow 119 Mcf/d Final open flow - Bbl/d
Time of open flow between initial and final tests ___ hours
Static rock pressure 925 psig (surface measurement) after 72 hours shut in
(If applicable due to multiple completion--)
Second producing formation ___ Pay zone depth ___ feet
Gas: Initial open flow ___ Mcf/d Oil: Initial open flow ___ Bbl/d
Final open flow ___ Mcf/d Oil: Final open flow ___ Bbl/d
Time of open flow between initial and final tests ___ hours
Static rock pressure ___ psig (surface measurement) after ___ hours shut in

Roane 3789

09/15/2023

(Continue on reverse side)

OG-11

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION

RECEIVED
SEP 19 1983
OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 087-3789

Oil or Gas Well _____ (KIND)

Company Delta Drilling Co.
Address Indiana, PA.
Farm Pauline Looney
Well No. #1 Looney-Ramsey
District Smithfield County Roane
Drilling commenced _____
Drilling completed _____ Total depth _____
Date shot _____ Depth of shot _____
Initial open flow _____ /10ths Water in _____ Inch
Open flow after tubing _____ /10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water _____ feet _____ feet
Salt water _____ feet _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer
13			
10			Size of
8¼			
6⅝			Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date
NAME OF SERVICE COMPANY _____
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

Drillers' Names Gary Bush Dozer operator
Union Drilling Co.

Remarks: 9/13/83 Inspected Construction on Road + Location. + talked with Gary Bush of Union Drilling. Also talked to Renter of property

9/13/83
DATE

Homer H. Dougherty
DISTRICT WELL INSPECTOR

09/15/2023

Form 26
2/16/82

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No._____ Well No._____

COMPANY_____ ADDRESS_____

FARM_____ DISTRICT_____ COUNTY_____

Filling Material Used_____

Liner Location Amount Packer Location

PLUGS USED AND DEPTH PLACED			BRIDGES	CASING AND TUBING		
CEMENT--THICKNESS	WOOD--SIZE	LEAD	CONSTRUCTION--LOCATION	RECOVERED	SIZE	LOST

Drillers' Names_____

Remarks:

_____ I hereby certify I visited the above well on this date.
DATE

09/15/2023

_____
DISTRICT WELL INSPECTOR

OG-11

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION

RECEIVED
SEP 23 1983
OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 087-3789

Oil or Gas Well (KIND) _____

Company Delta Drilling Co
Address Indiana, PA
Farm Pauline Looney
Well No. Looney-Ramsey Unit 1
District Smithfield County Roane
Drilling commenced 9/18/83
Drilling completed _____ Total depth _____
Date shot _____ Depth of shot _____
Initial open flow _____ /10ths Water in _____ Inch
Open flow after tubing _____ /10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water _____ feet _____ feet
Salt water _____ feet _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer
13			
11 3/4		202	Size of
8 1/4			
6 5/8			Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED 11 3/4 SIZE 202 No. FT. 9/19/83 Date
NAME OF SERVICE COMPANY Halliburton
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

Drillers' Names Jerry Reese Pusher Leon Butler
Union Drilling Co Rig #3

Remarks: 9/18/83 Moved on Rigged up + Started Drilling
9/19/83 Ran 202 ft. of 11 3/4" Surface pipe and cemented with 120 Sacks of Regular 3% C.C. Plug Down 10:00 AM by Halliburton Cement Circulated to Surface.

9/19/83
DATE

Homer H. Dougherty
DISTRICT WELL INSPECTOR

09/15/2023

Form 26
2/16/82

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No._____ Well No._____

COMPANY_____ ADDRESS_____

FARM_____ DISTRICT_____ COUNTY_____

Filling Material Used_____

Liner	Location	Amount	Packer	Location

PLUGS USED AND DEPTH PLACED			BRIDGES	CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST

Drillers' Names_____

Remarks:

_____ I hereby certify I visited the above well on this date.
DATE

09/15/2023

_____
DISTRICT WELL INSPECTOR

OG-11

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION

RECEIVED
SEP 26 1983
OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 087-3789

Oil or Gas Well (KIND)

Company Delta Drilling Co.
Address Indiana, PA.
Farm Pauline Looney
Well No. Looney-Ramsey Unit 1
District Smithfield County Roane
Drilling commenced 9/18/83
Drilling completed _____ Total depth _____
Date shot _____ Depth of shot _____
Initial open flow _____ /10ths Water in _____ Inch
Open flow after tubing _____ /10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water _____ feet _____ feet
Salt water _____ feet _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer
13			
10			Size of
8 5/8		1907	
6 5/8			Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED 8 5/8 SIZE 1907 No. FT. 9/21/83 Date
NAME OF SERVICE COMPANY Halliburton
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

Drillers' Names Jerry Reese Pusher Leon Butler
Union Drilling Rig #3

Remarks: 9/21/83 Ran 1907 ft. of 8 5/8" Pipe & Cemented with 406 Sacks of Cement. Plug Down 9:00 AM by Halliburton.
9/22/83 2904 ft. Deep Drilling on Air with 7 7/8" Bit.

9/22/83
DATE

Homer H. Dougherty
DISTRICT WELL INSPECTOR

09/15/2023

Form 26
2/16/82

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No._____ Well No._____

COMPANY_____ ADDRESS_____

FARM_____ DISTRICT_____ COUNTY_____

Filling Material Used_____

Liner	Location	Amount	Packer	Location

PLUGS USED AND DEPTH PLACED			BRIDGES	CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST

Drillers' Names_____

Remarks:

_____ I hereby certify I visited the above well on this date.
DATE

09/15/2023

_____
DISTRICT WELL INSPECTOR

OG-11

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION

RECEIVED
OCT - 4 1983
OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 087-3789

Oil or Gas Well _____ (KIND)

Company Delta Drilling Co
Address Indiana, PA.
Farm Pauline Looney
Well No. Looney Ramsey #1
District Smithfield County Roane
Drilling commenced 9/18/83
Drilling completed 9/24/83 Total depth 5570
Date shot _____ Depth of shot _____
Initial open flow _____ /10ths Water in _____ Inch
Open flow after tubing _____ /10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water _____ feet _____ feet
Salt water _____ feet _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer
13			
10			Size of
8¼			
6⅝			Depth set
5 3/16			
4½		5570	Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED 4½ SIZE 5570 No. FT. 9/24/83 Date
NAME OF SERVICE COMPANY Halliburton
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

Drillers' Names Jerry Reese Pusher Leon Butler
Union Drilling Rig #3

Remarks: 9/24/83 Drilled in and Ran 5570 Ft. of 4½" pipe Cemented with 360 Sacks of thixatropic and 260 Sacks Neat By Halliburton Plug Down 4:15 pm

9/26/83
DATE

Homer H. Dougherty
DISTRICT WELL INSPECTOR

09/15/2023

Form 26
2/16/82

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No._____ Well No._____

COMPANY_____ ADDRESS_____

FARM_____ DISTRICT_____ COUNTY_____

Filling Material Used_____

Liner	Location	Amount	Packer	Location

PLUGS USED AND DEPTH PLACED			BRIDGES	CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST

Drillers' Names_____

Remarks:

_____ I hereby certify I visited the above well on this date.
DATE

_____
DISTRICT WELL INSPECTOR

09/15/2023

OG-11

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

RECEIVED
APR 17 1984
OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 087-3789

Oil or Gas Well _____ (KIND)

Company Delta Drilling

Address Indiana, Penn.

Farm Pauline Looney

Well No. Looney Ramsey #1

District Smithfield County Roane

Drilling commenced 9/18/83

Drilling completed 9/24/84 Total depth _____

Date shot _____ Depth of shot _____

Initial open flow _____ /10ths Water in _____ Inch

Open flow after tubing _____ /10ths Merc. in _____ Inch

Volume _____ Cu. Ft.

Rock pressure _____ lbs. _____ hrs.

Oil _____ bbls., 1st 24 hrs.

Fresh water _____ feet _____ feet

Salt water _____ feet _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer
13			
10			Size of
8¼			
6⅝			Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date

NAME OF SERVICE COMPANY _____

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

4/9/84 Drillers' Names Status Report

Remarks: Reclamation almost done on location & Pit approx. 1/3 of location mulched. Slip on upper side of location needs graded. Remaining part of location needs to be limed & fertilized and tracked with dozer then seeded and mulched. Dozer setting on location.

Will contact Jeff Davis about problems

4/9/84
DATE

Homer H. Dougherty
DISTRICT WELL INSPECTOR

09/15/2023

Form 26
2/16/82

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No. _____ Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner Location Amount Packer Location

PLUGS USED AND DEPTH PLACED			BRIDGES	CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST

Drillers' Names _____

Remarks:

_____ I hereby certify I visited the above well on this date.

DATE

_____

DISTRICT WELL INSPECTOR

09/15/2023

Talked to Jeff Davis of Delta Drilling on phone night of 4/11/84

Delta is going to send someone down about problems.

OG-11

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION

RECEIVED
APR 17 1984
OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 087-3789

Oil or Gas Well _____ (KIND)

Company Delta Drilling Co.
Address Indiana, Penn.
Farm Pauline Looney
Well No. Looney-Ramsey #1
District Smithfield County Roane
Drilling commenced 9/18/83
Drilling completed 9/24/83 Total depth _____
Date shot _____ Depth of shot _____
Initial open flow _____ /10ths Water in _____ Inch
Open flow after tubing _____ /10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water _____ feet _____ feet
Salt water _____ feet _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer
13			
10			Size of
8¼			
6⅝			Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date
NAME OF SERVICE COMPANY _____
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

4/10/84
Drillers' Names _____

Remarks: Checked back on location to see if Dozer and crew were working on Reclamation
No one at Location
Called Delta about Problem. They are supposed to Call me Back. Have not been able to contact Dozer Operator yet.

4/10/84
DATE

Homer H. Doughty
DISTRICT WELL INSPECTOR

09/15/2023

Form 26
2/16/82

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No. _____ Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner Location Amount Packer Location

PLUGS USED AND DEPTH PLACED			BRIDGES	CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST

Drillers' Names _____

Remarks:

_____ I hereby certify I visited the above well on this date.
DATE

_____
DISTRICT WELL INSPECTOR

09/15/2023

OG-11

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION

RECEIVED
APR 2 - 1985
OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 087-3789

Oil or Gas Well _____ (KIND)

Company Delta Drilling
Address Indiana, Pa.
Farm Pauline Looney
Well No. Looney Ramsey #1
District Smithfield County Roane
Drilling commenced _____
Drilling completed _____ Total depth _____
Date shot _____ Depth of shot _____
Initial open flow _____ /10ths Water in _____ Inch
Open flow after tubing _____ /10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water _____ feet _____ feet
Salt water _____ feet _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer
13			
10			Size of
8¼			
6⅝			Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date
NAME OF SERVICE COMPANY _____
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

Drillers' Names Status Report

Remarks:
3-28-85 - Inspected location to see if reclamation could be released, slip broken out on upper side of location, road needs grading and I.D. tag on well installed.

3-28-85
DATE

Homer W. Daugherty
DISTRICT WELL INSPECTOR

09/15/2023

Form 26
2/16/82

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No. _____ Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner Location Amount Packer Location

PLUGS USED AND DEPTH PLACED			BRIDGES	CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST

Drillers' Names _____

Remarks:

_____ I hereby certify I visited the above well on this date.
DATE

_____
DISTRICT WELL INSPECTOR

09/15/2023

OG-11

STATE OF WEST VIRGINIA

DEPARTMENT OF ~~MINES~~ Mr. Energy

OIL AND GAS WELLS DIVISION

RECEIVED
OCT 16 1985
DIVISION OF OIL & GAS
DEPT. OF ENERGY

INSPECTOR'S WELL REPORT

Permit No. 47-087-3789

Company Delta Drilling Co.

Address Indiana, Pa.

Farm Looney-Ramsey

Well No. Looney-Ramsey #1

District Smithfield County Roane

Drilling commenced

Drilling completed Total depth

Date shot Depth of shot

Initial open flow /10ths Water in Inch

Open flow after tubing /10ths Merc. in Inch

Volume Cu. Ft.

Rock pressure lbs. hrs.

Oil bbls., 1st 24 hrs.

Fresh water feet feet

Salt water feet feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer
13			
10			Size of
8¼			
6⅝			Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED SIZE No. FT. Date

NAME OF SERVICE COMPANY

COAL WAS ENCOUNTERED AT FEET INCHES

FEET INCHES FEET INCHES

FEET INCHES FEET INCHES

Drillers' Names

Remarks: 10/9/85

Checked Reclamation, OK to Release

10/9/85
DATE

Homer H. Daugherty
DISTRICT WELL INSPECTOR

09/15/2023

Form 26
2/16/82

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No. _____ Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner	Location	Amount	Packer	Location

PLUGS USED AND DEPTH PLACED			BRIDGES	CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST

Drillers' Names _____

Remarks:

_____ I hereby certify I visited the above well on this date.
DATE

_____
DISTRICT WELL INSPECTOR

09/15/2023

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
DIVISION OF OIL AND GAS
1615 Washington Street, East
Charleston, West Virginia 25311
Telephone: 348-3500

ARCH A. MOORE, JR.
Governor

October 24, 1985

Delta Drilling Company
200 Fleet Street, Suite 4005
Pittsburgh, Pennsylvania 15220

In Re: Permit No: 47-087-3789
Farm: Looney-Ransey
Well NO: 1
District: Smithfield
County: Roane
Issued: 6-01-83

Gentlemen:

The FINAL INSPECTION REPORT for the above captioned well has been received in this office. ONLY the Column checked below applies:

____ The well designated by the above captioned permit number has been released under your Blanket Bond.

____ Please return the enclosed cancelled single bond which covered the well designated by the above captioned permit number to the surety company that executed said bond in your behalf, in order that they may give you credit on their records.

XXXX Your well record was received and reclamation requirements approved. In accordance with Chapter 22B, Article 1, Section 26, the above captioned well will remain under bond coverage for life of the well.

____ PERMIT CANCELLED - NEVER DRILLED

Respectively,

Theodore M. Streit

TMS/

09/15/2023

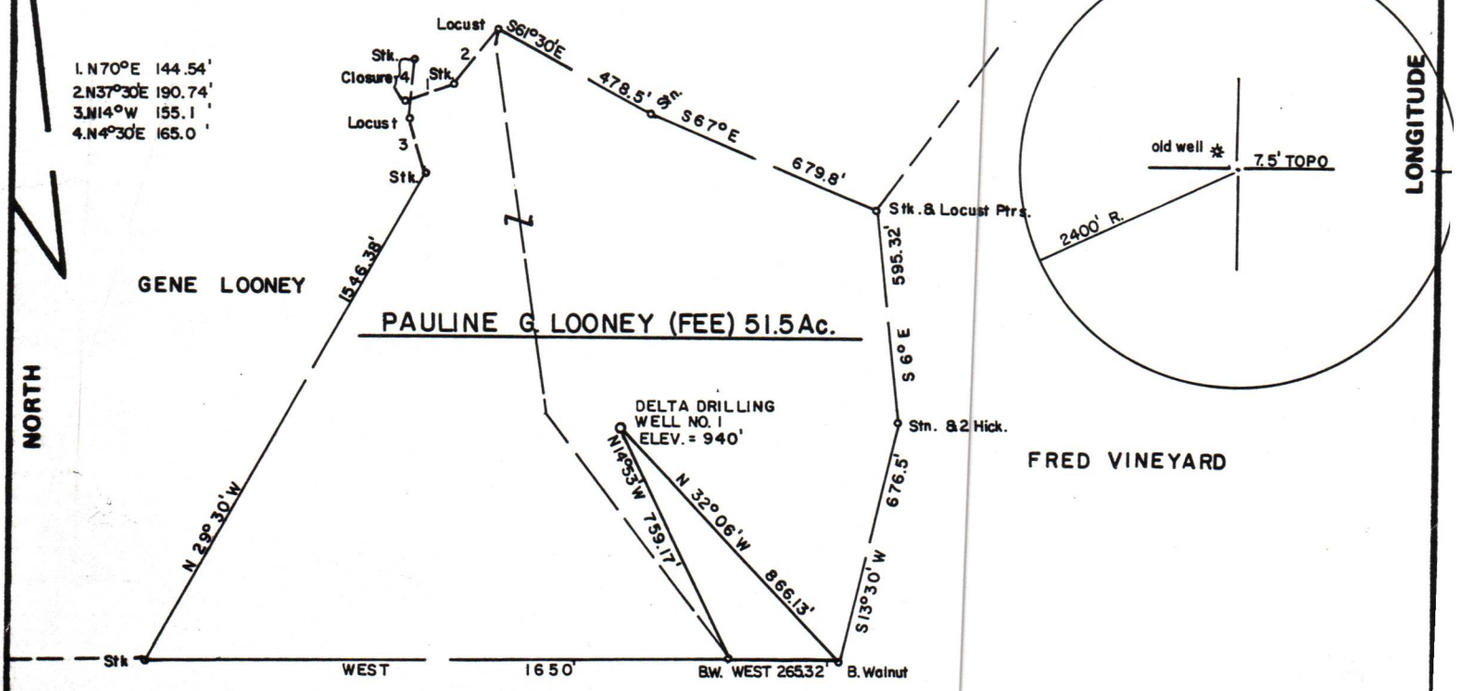
30517 7-26-83

2200'

LATITUDE 38° 40' 00"

LONGITUDE 81° 15' 00"

15'



FILE NO. _____
DRAWING NO. _____
SCALE 1" = 500'
MINIMUM DEGREE OF ACCURACY 1/200
PROVEN SOURCE OF ELEVATION USGS B.M. 2850'± N.W. OF LOCATION ELEV. = 847'

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.

(SIGNED) Mark C. Echard
MARK C. ECHARD
R.P.E. _____ L.L.S. 490

MARK C. ECHARD LICENSED No 490 STATE OF WEST VIRGINIA LAND SURVEYOR

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FORM IV-6
(8-78)

DATE MAY 30, 19 83
OPERATOR'S WELL NO. ONE
API WELL NO.
47 - 087 - 3789
STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL TYPE: OIL ✓ GAS ✓ LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS,") PRODUCTION ✓ STORAGE ___ DEEP ___ SHALLOW ✓
LOCATION: ELEVATION 940' WATER SHED POCATALICO RIVER
DISTRICT SMITHFIELD COUNTY ROANE
QUADRANGLE LOONEYVILLE 7.5'
SURFACE OWNER PAULINE G. LOONEY ACREAGE 51.5
OIL & GAS ROYALTY OWNER PAULINE G. LOONEY, et al. LEASE ACREAGE 51.5 09/15/2023
LEASE NO. _____
PROPOSED WORK: DRILL ✓ CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
TARGET FORMATION BROWN SHALE ESTIMATED DEPTH 5360'
WELL OPERATOR DELTA DRILLING CO. DESIGNATED AGENT JOHN O. KIZER
ADDRESS 200 FLEET ST. - SUITE 4005 ADDRESS P.O. BOX 951
PITTSBURG, PA. 15220 CHARLESTON, W.Va. 25323

Exhibit 1 Looney - Ramsey Unit #1

Poor Copy

149780-001

CT-66

BOOK 131 PAGE 299

OIL AND GAS LEASE

062-0154B
Producers 88—Revised
West Virginia

THIS AGREEMENT, made and entered into this 2nd day of February, 19 74, by and between

O.D. Looney and Pauline Looney, his wife

whose address is

RFD, Looneyville, West Virginia 25259, hereinafter called lessor (whether one or more), and EXXON CORPORATION

whose address is P.O. Box 2305, Houston, Texas 77001, hereinafter called lessee, WITNESSETH THAT:

1. Lessor, for and in consideration of One and No/100 DOLLARS ($ 1.00) in hand paid, receipt of which is hereby acknowledged, and of the agreements of lessee hereinafter set forth, hereby grants, demises, leases and lets exclusively unto said lessee the lands hereinafter described for the purpose of prospecting, exploring by geophysical and other methods, drilling, mining, operating for and producing oil or gas, or both, including, but not as a limitation, casinghead gas, casinghead gasoline, gas condensate (distillate) and any substance, whether similar or dissimilar, produced in a gaseous state, together with the right to construct and maintain pipe lines, telephone and electric lines, tanks, powers, ponds, roadways, plants, equipment, and structures thereon to produce, save, store, and take care of said oil and gas, and the exclusive right to inject air, gas, water, brine and other fluids from any source into the subsurface strata and any and all other rights and privileges necessary, incident to, or convenient for the economical operation of said land, alone or conjointly with neighboring land, for the production, saving and taking care of oil and gas and the injection of air, gas, water, brine, and other fluids into the subsurface strata, said lands being situated in the District of Smithfield, County of Roane, State of West Virginia, and being bounded now or formerly substantially as follows, to-wit:

On the North by lands of J. Peter Hershberger (128A) & Aaron Dye (27½ A)

On the East by lands of J. C. Lynch et al (68A)

On the South by lands of Fred K. Vineyerd (267½ A)

On the West by lands of Sarah E. Atkins (55A)

(It is agreed that there is specifically excepted and reserved from the terms of this agreement those strata between the surface and the base of the Berea Grit or its stratigraphic equivalent lying at a depth of approximately 2600 feet.)

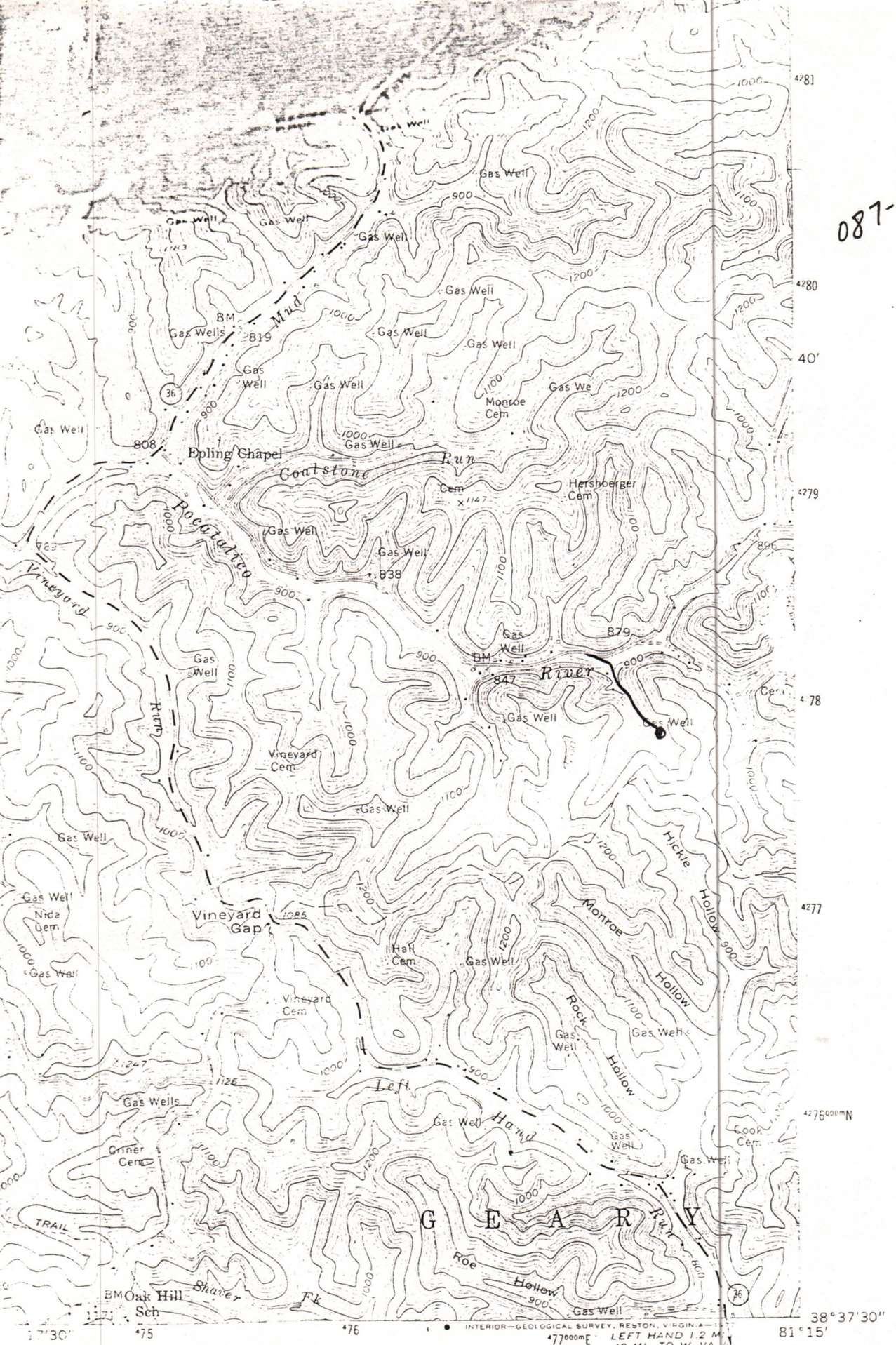
Lessor shall be entitled, at his own risk and expense, to the reasonable use of gas produced from a well producing gas only from the above described premises and from which gas is being sold by Lessee, for use by Lessor solely for domestic purposes in one dwelling house located on the land covered by this Lease. Such use shall be subject to the use of gas for operations on the lease, including, but not limited to, pumping, compression, injection, etc., and the right of Lessee at his discretion to cease producing the well, either temporarily or permanently. Lessor agrees to comply with all state, local and other applicable laws and regulations concerning installation and use of gas and gas equipment and to indemnify and hold Lessee harmless from all claims, demands and causes of action of whatsoever nature and by whomsoever asserted which may arise out of or in any way result from the use of said gas by Lessor.

being the same land conveyed to lessor by deed from Rose Boothe, widow dated January 21, 1957 recorded in Book 184 at Page 462 and by deed from Everett K. Boothe, et al dated June 9, 1956 recorded in Book 182 at Page 149½, all in the Recorder's Office of said County and State; it being the purpose and intent of lessor to lease, and lessor does hereby lease, all strips or parcels of land owned by lessor which adjoin the lands above described. For all purposes of this lease, said lands shall be deemed to contain 94 acres, more or less.

2. Subject to the other provisions herein contained, this lease shall remain in force for a term of ten years from this date (herein called "primary term") and as long thereafter as oil and gas, or either of them, is produced from the above described land, or drilling operations are continuously prosecuted as hereinafter provided. Drilling operations includes operations for the drilling of a new well, the reworking, deepening or plugging back of a well or hole, or other operations conducted in an effort to obtain or re-establish production of oil or gas, and drilling operations shall be considered to be continuously prosecuted if not more than 60 days shall elapse between the completion or abandonment of one well or hole and the commencement of drilling operations on another well or hole. If, at the expiration of the primary term of this lease, oil or gas is not being produced from the above described land but lessee is then engaged in drilling operations, this lease shall continue in force so long as drilling operations are continuously prosecuted, and if production of oil or gas results from any such drilling operations, this lease shall continue in force so long as oil or gas is produced hereunder. If after the expiration of the primary term of this lease, production from the above described land should cease, this lease shall not terminate if lessee is then prosecuting drilling operations, or within 60 days after each such cessation of production commences drilling operations, and this lease shall remain in force so long as such operations are continuously prosecuted, and if production results therefrom, then as long thereafter as oil or gas is produced from the above described land.

3. The royalties to be paid by lessee are: (a) on oil, one-eighth of that produced and saved from said land, the same to be delivered at the wells or to the credit of lessor into the pipeline to which the wells may be connected; lessee may from time to time purchase any royalty oil in its possession, paying the market price therefor prevailing for the field where produced on the date of purchase, and lessee may sell any royalty oil in its possession and pay lessor the price received by lessee for such oil computed at the well; (b) on gas, including casinghead gas or other gaseous substance, produced from said land and sold or used off the premises or for the extraction of gasoline or other product therefrom, the market value at the well of one-eighth of the gas so sold or used, provided that on gas sold by lessee the market value shall not exceed the amount received by lessee for such gas computed at the mouth of the well, and on gas sold at the well the royalty shall be one-eighth of the amount realized by lessee from such sale; (c) the price of any mineral or substance upon which royalty is payable hereunder is regulated by any governmental agency, the market value or market price of such mineral or substance for the purpose of computing royalty hereunder shall not be in excess of the price which lessee may receive and retain.

087-3789



INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1957

(NEWTON)
4761 II SW

ROAD CLASSIFICATION

Heavy-duty — Light-duty

Medium-duty — Unimproved dirt

U. S. Route — State Route

QUADRANGLE LOCATION

09/15/2023

LOONEYVILLE, W. VA.

NE/4 WALTON 15' QUADRANGLE

N3837.5—W8115/7.5

1957

PHOTOREVISED 1976

AMS 4761 III NE—SERIES V854

Exhibit 2

CT-749780-002

664

062-0154B
Producers 88-Revised

OIL AND GAS LEASE

BOOK 131 PAGE 393

THIS AGREEMENT, made and entered into this 2nd day of February, 19 74, by and between

GENE LOONEY,
a single man

whose address is

87 Knollwood Drive, Paramus, New Jersey 07652, hereinafter called lessor (whether one or more), and EXXON CORPORATION

whose address is P.O. Box 2305, Houston, Texas 77001, hereinafter called lessee; WITNESSETH THAT:

1. Lessor, for and in consideration of One & No/100 DOLLARS ($ 1.00) in hand paid, receipt of which is hereby acknowledged, and of the agreements of lessee hereinafter set forth, hereby grants, demises, leases and lets exclusively unto said lessee the lands hereinafter described for the purpose of prospecting, exploring by geophysical and other methods, drilling, mining, operating for and producing oil or gas, or both, including, but not as a limitation, casinghead gas, casinghead gasoline, gas-condensate (distillate) and any substance, whether similar or dissimilar, produced in a gaseous state, together with the right to construct and maintain pipe lines, telephone and electric lines, tanks, powers, ponds, roadways, plants, equipment, and structures thereon to produce, save, store and take care of said oil and gas, and the exclusive right to inject air, gas, water, brine and other fluids from any source into the subsurface strata and any and all other rights and privileges necessary, incident to, or convenient for the economical operation of said land, alone or conjointly with neighboring land, for the production, saving and taking care of oil and gas and the injection of air, gas, water, brine, and other fluids into the subsurface strata, said lands being situated in the District of Smithfield County of Roane State of West Virginia, and being bounded now or formerly substantially as follows, to-wit:

On the North by lands of J. Peter Pershberger (128 A) & Aaron Dye (27½ A)

On the East by lands of J. C. Lynch et al (68 A)

On the South by lands of Fred K. Vineyard (267½ A)

On the West by lands of Sarah F. Atkins (55 A)

(It is agreed that there is specifically excepted and reserved from the terms of this agreement those strata between the surface and the base of the Berea Grit or its stratographic equivalent lying at a depth of approximately 2600 feet).

Lessor shall be entitled, at his own risk and expense, to the reasonable use of gas produced from a well producing gas only from the above described premises and from which gas is being sold by Lessee, for use by Lessor solely for domestic purposes in one dwelling house located on the land covered by this lease. Such use shall be subject to the use of gas for operations on the lease, including, but not limited to, pumping, compression, injection, etc., and the right of Lessee at his discretion to cease producing the well, either temporarily or permanently. Lessor agrees to comply with all state, local and other applicable laws and regulations concerning installation and use of gas and gas equipment and to indemnify and hold Lessee harmless from all claims, demands and causes of action of whatsoever nature and by whomsoever asserted which may arise out of or in any way result from the use of said gas by Lessor.

being the same land conveyed to lessor by deed from Thelma Stotts, Widow et al dated April 26, 1968 recorded in Book 224 at Page 405 and by deed from Rose Boothe, Widow dated [illegible] recorded in Book 188 at Page 464 all in the Recorder's Office of said County and State, it being the purpose and intent of lessor to lease, and lessor does hereby lease, all strips or parcels of land owned by lessor which adjoin the lands above described. For all purposes of this lease, said lands shall be deemed to contain 94 acres, more or less.

2. Subject to the other provisions herein contained, this lease shall remain in force for a term of ten years (from this date hereinafter called "primary term") and as long thereafter as oil and gas, or either of them, is produced from the above described land or drilling operations are continuously prosecuted as hereinafter provided. "Drilling operations" includes operations for the drilling of a new well, the reworking, deepening or plugging back of a well or hole, or other operations conducted in an effort to obtain or re-establish production of oil or gas, and drilling operations shall be deemed to be "continuously prosecuted" if not more than 60 days shall elapse between the completion or abandonment of one well or hole and the commencement of drilling operations on another well or hole. If, at the expiration of the primary term of this lease, oil or gas is not being produced from the above described land but lessee is then engaged in drilling operations, this lease shall continue in force so long as drilling operations are continuously prosecuted, and if production of oil or gas results from any such drilling operations, this lease shall continue in force so long as oil or gas shall be produced. If, after the expiration of the primary term of this lease, production from the above described land should cease, this lease shall not terminate if lessee is then prosecuting drilling operations, or within 60 days after each such cessation of production commences drilling operations, and this lease shall remain in force so long as such operations are continuously prosecuted, and if production results therefrom, then as long thereafter as oil or gas is produced from the above described land.

3. The royalties to be paid by lessee are: (a) on oil, one-eighth of that produced and saved from said land, the same to be delivered at the wells or to the credit of lessor into the pipeline to which the wells may be connected; lessee may from time to time purchase any royalty oil in its possession, paying the market price therefor prevailing for the field where produced on the date of purchase, and lessee may sell any royalty oil in its possession and pay lessor the price received by lessee for such oil computed at the well; (b) on gas, including casinghead gas or other gaseous substance, produced from said land and sold or used off the premises or for the extraction of gasoline or other product therefrom, the market value at the well of one-eighth of the gas so sold or used, provided that on gas sold by lessee the market value shall not exceed the amount received by lessee for such gas computed at the mouth of the well, and on gas sold at the well the royalty shall be one-eighth of the amount realized by lessee from such sale. If the price of any mineral or substance upon which royalty is payable hereunder is regulated by any governmental agency, the market value or market price of such mineral

09/15/2023

4. If operations for drilling are not commenced on said land on or before one year from the date hereof, this lease shall (except as otherwise provided in this paragraph) terminate, unless lessee (or someone in his behalf) on or before such date, shall pay or tender to lessor, or to lessor's credit in the _____ Bank at _____ _____ (which bank and its successors shall continue as the depository regardless of changes in the ownership of said land or of the right to receive rentals), the sum of Forty-seven and no/100 DOLLARS ($ 47.00), which shall operate as a delay rental and cover the privilege of deferring the commencement of such operations for 12 months from said date. In like manner and upon like payments or tenders, the commencement of such operations may be further deferred for like periods of the same number of months successively during the primary term hereof. All payments or tenders may be made by cash, check or draft, mailed or delivered on or before the delay rental date, and the depositing of such cash, check or draft in any post office, addressed to the depository bank or lessor at his last known address as shown by lessee's records, on or before the delay rental date, shall be deemed payment or tender, as herein provided. Notwithstanding the death of lessor, payment or tender of rentals to such deceased or to his credit in the manner provided herein shall be binding on the heirs, devisees, executors, administrators and personal representatives of lessor and his successors in interest. If lessee shall, on or before any delay rental date, make a bona fide attempt to pay or deposit delay rental to a lessor entitled thereto under this lease according to lessee's records or to a lessor who prior to such attempted payment or deposit, has given lessee notice, in accordance with the terms of this lease hereinafter set forth, of his right to receive delay rental, and if such payment or deposit shall be erroneous in any regard (whether deposited in the wrong depository, paid to persons other than the parties entitled thereto as shown by lessee's records, in an incorrect amount, or otherwise), lessee shall be unconditionally obligated to pay to such lessor the delay rental properly payable for the delay rental period involved, but this lease shall be maintained in the same manner as if such erroneous payment or deposit had been properly made, provided that the erroneous payment or deposit be corrected within 30 days after receipt by lessee of written notice from such lessor of such error accompanied by any documents and other evidence necessary to enable lessee to make proper payment. The consideration first recited herein, the down payment, covers not only the privilege granted to the date when said first delay rental is payable as aforesaid, but also lessee's option of extending that period as aforesaid, and any and all other rights conferred.

5. Should the first well drilled on the above described land in an effort to secure production of oil or gas be completed as a dry hole, then, and in that event, if additional operations for drilling are not commenced on said land within 12 months from the expiration of the last delay rental period for which rental has been paid (it being understood that for the purpose of this paragraph the period of time extending from the date of this lease to the first delay rental date shall be considered as a rental period for which delay rental has been paid), this lease shall terminate as to both parties, unless lessee on or before the expiration of said 12 months shall resume the payment of delay rentals in the same amount and in the same manner as hereinbefore provided. Upon resumption of the payment of delay rentals, as above provided, the last preceding paragraph hereof, governing the payment of delay rentals and the effect thereof, shall continue in force just as though there had been no interruption in delay rental payment.

6. If a well capable of producing gas in paying quantities located on the leased premises (or on acreage pooled or consolidated with all or a portion of the leased premises into a unit for the drilling or operation of such well) is at any time shut-in and no gas or gas-condensate therefrom is sold or used off the premises or for the manufacture of gasoline or other products, nevertheless such shut-in well shall be deemed to be a well on the leased premises producing gas in paying quantities and this lease will continue in force during all of the time or times while such well is so shut-in, whether before or after the expiration of the primary term hereof. Lessee shall use reasonable diligence to market gas or gas-condensate capable of being produced from such shut-in well but shall be under no obligation to market such products under terms, conditions or circumstances which, in lessee's judgment exercised in good faith, are unsatisfactory. Lessee shall be obligated to pay or tender to lessor within 45 days after the expiration of each period of one year in length (annual period) during which such well is so shut-in, as royalty, an amount equal to the annual delay rental herein provided applicable to the interest of lessor in acreage embraced in this lease as of the end of such annual period, or, if this lease does not provide for any delay rental, then the sum of $50.00 provided that, if gas or gas-condensate from such well is sold or used as aforesaid before the end of any such annual period, or if, at the end of any such annual period, this lease is being maintained in force and effect otherwise than by reason of such shut-in well, lessee shall not be obligated to pay or tender, for that particular annual period, said sum of money. Such payment shall be deemed a royalty under all provisions of this lease. Such payment may be made or tendered to lessor or to lessor's credit in the depository bank above designated. Royalty ownership as of the last day of each such annual period as shown by lessee's records shall govern the determination of the party or parties entitled to receive such payment.

7. The respective amounts of all delay rentals, royalties and other payments hereunder are to be calculated in proportion to lessor's interest in the rights with respect to which each such payment is made; that is, in case lessor owns a less interest in any of the rights which are the subject of this lease than the full and entire interest therein, then the payments in respect to such rights which are herein provided for shall be paid lessor only in the proportion which lessor's interest in such rights bears to the full and entire interest in such rights.

8. If the leased premises are now, or shall hereafter be, owned in severalty or in separate tracts, the premises nevertheless shall be developed and operated as one lease, and all rentals, royalties and payments provided for hereunder shall be treated as an entirety and shall be divided among, and paid to, such separate owners in the proportion that the acreage owned by each such separate owner bears to the entire leased acreage.

9. If the estate of either party hereto is assigned or sublet, and the privilege of assigning or subletting in whole or in part is expressly allowed, the express and implied covenants hereof shall extend to the sublessees, successors and assigns of the parties, and in the event of an assignment or subletting by lessee, lessee shall be relieved and discharged as to the leasehold rights so assigned or sublet from any liability to lessor thereafter accruing upon any of the covenants or conditions of this lease, either express or implied. No change in the ownership of said land or any interest therein or pertaining thereto, however accomplished, shall operate to enlarge the obligations or diminish the rights of lessee or require separate measuring or installation of separate tanks by lessee. Notwithstanding any actual or constructive knowledge of or notice to lessee, no change in ownership, whether by reason of death, conveyance or any other matter, shall be binding on lessee (except at lessee's option in any particular case) until 90 days after lessee has been furnished written notice thereof, and the supporting information hereinafter referred to, by the party claiming as a result of such change in ownership. Such notice shall be supported by original or certified copies of all documents and other instruments or proceedings necessary in lessee's opinion to establish the ownership of the claiming party. If this lease is assigned or sublet insofar as it covers only a part of the acreage embraced in the leased premises, the delay rental hereinabove provided for shall be apportioned to the separate parts, ratably according to the surface acreage of each, and failure of the leasehold owner or sublessee of any separate part of the above described lands to make a rental payment with respect to such part shall in no event operate to terminate or affect this lease insofar as it covers any other part thereof.

10. Lessee may, at any time, execute and deliver to lessor or place of record a release covering all or any part of the acreage embraced in the leased premises or covering any one or more zones, formations or depths underlying all or any part of such acreage, and thereupon shall be relieved of all obligations thereafter to accrue with respect to the acreage, zones, formations or depths covered by such release. In event of a release of this lease as to all rights in only a part of the acreage embraced in the leased premises, thereafter the delay rentals hereinabove provided for shall be reduced proportionately on an acreage basis.

11. Lessee is granted the right, from time to time while this lease is in force, to pool into a separate drilling or production unit or units all or any part of the land covered by this lease with other land, lease or leases, or interests therein (whether such other interest are pooled by a voluntary agreement on the part of the owner's thereof or by the exercise of a right to pool by the lessees thereof), when in lessee's judgment it is necessary or advisable in order to promote conservation, to properly develop or operate the land and interests to be pooled, or to obtain a multiple production allowable from any governmental agency having control over such matters. Any pooling hereunder may cover all oil and gas, or any one or more of the substances covered by this lease, and may cover one or more or all zones or formations underlying all or any portion or portions of the leased premises. Any unit formed by such pooling shall be of abutting or cornering tracts and shall not exceed 640 acres (plus a tolerance of 10%) for gas or gas-condensate and shall not exceed 80 acres (plus a tolerance of 10%) for any other substance covered by this lease; provided that if any governmental regulation or order shall prescribe a spacing pattern for the development of a field wherein the above described land, or a portion thereof, is located, or allocate a producing allowable based on acreage per well, then any such unit may embrace as much additional acreage as may be so prescribed or as may be permitted in such allocation of allowable. The area pooled and the zones or formations and substances pooled shall be set forth by lessee in a "declaration of pooling" filed for record in the county or counties in which the pooled area is located which declaration of pooling shall constitute a supplement to this lease. Such pooling shall be effective on the date such declaration is filed unless a later effective date is specified in such declaration. In lieu of the royalties elsewhere herein specified, except shut-in gas well royalties, lessor shall receive on production from a pooled area so pooled only such portion of the royalties which, in the absence of such pooling, would be payable hereunder to lessor on production from the land covered by this lease which is placed in the pooled area as the amount of the surface acreage in the land covered by this lease which is placed in the pooled area bears to the amount of the surface acreage of the entire pooled area. Nothing herein contained shall authorize or effect any transfer of any title to any leasehold, royalty or other interest pooled pursuant hereto. The commencement of a well, the conduct of other drilling operations, the completion of a well or of a dry hole, or the operation of a producing well on the pooled area, shall be considered for all purposes (except for royalty purposes) the same as if said well were located on, or such drilling operations were conducted upon, the lands covered by this lease whether or not such well is located upon, or such drilling operations are conducted upon, said lands. Lessee may terminate any pooling effected pursuant hereto at any time the pooled unit is not producing and no drilling operations are being conducted thereon by executing and filing of record in the county or counties in which the pooled area is located a written declaration of the termination of such pooling, provided that the pooling of all interests not covered by this lease which comprises a part of such pooled unit be also terminated in some effective manner.

12. Lessee shall have the right to use, free of cost, oil, gas and water produced on said land for its operations thereon except water from wells of lessor. Lessee shall have the right at any time to remove all machinery and fixtures placed on said premises, including the right to draw and remove casing. No part of the surface of the leased premises shall, without the written consent of lessee, be let, granted or licensed by lessor to any other party for the location, construction or maintenance of structures, tanks, pits, reservoirs, equipment, or machinery to be used for the purpose of exploring, developing, or operating adjacent lands for oil, gas or other minerals.

13. Lessee shall bury below plow depth its pipe lines on the leased premises when requested by a lessor owning an interest in the surface. No well shall be drilled nearer than 200 feet of any house or barn now on said premises without the written consent of the owner of the surface on which such house or barn is located. Lessee shall pay for damages to growing crops caused by its operations on said lands.

14. Lessor hereby warrants and agrees to defend the title to the lands herein described, but if the interest of lessor covered by this lease is expressly stated to be less than the entire fee or mineral estate, lessor's warranty shall be limited to the interest so stated. Lessee may purchase or lease the rights of any party claiming any interest in said land and exercise such rights as may be obtained thereby but lessee shall not suffer any forfeiture nor incur any liability to lessor by reason thereof. Lessee shall have the right at any time to pay for lessor, any mortgage, taxes or other lien on said lands, in the event of default of payment by lessor, and be subrogated to the rights of the holder thereof, and any such payments made by lessee for lessor may be deducted from any amounts of money which may become due lessor under this lease.

15. All express provisions and implied covenants of this lease shall be subject to all applicable laws, governmental orders, rules and regulations. This lease shall not be terminated in whole or in part, nor lessee held liable in damages, because of a temporary cessation of production or of drilling operations due to breakdown of equipment or due to the repairing of a well or wells, or because of failure to comply with any of the express provisions or implied covenants of this lease if such failure is the result of the exercise of governmental authority, war, armed hostilities, lack of market, act of God, strike, civil disturbance, fire, explosion, flood, or any other cause reasonably beyond the control of lessee.

16. This lease and all provisions thereof shall be applicable to and binding upon the parties and their respective heirs, devisees, personal representatives, successors, and assigns. Reference herein to lessor and lessee shall include reference to their respective heirs, devisees, personal representatives, successors, and assigns. Should any one or more of the parties named above as lessors not execute this lease, it shall nevertheless be binding upon the party or parties executing the same.

IN WITNESS WHEREOF, this lease is executed as of the day and year first above written.

LESSOR

_____ (SEAL) Gene Looney (SEAL)
Gene Looney
SSN 236-46-5471

_____ (SEAL) _____ (SEAL)

_____ (SEAL) _____ (SEAL)

_____ (SEAL) _____ (SEAL)

_____ (SEAL) _____ (SEAL)

This Instrument prepared by Paul K. Weekley, Sr.

Address RFD 3, Box 2, Spencer, West Virginia 25276

(Individual—W. Va.)

STATE OF New Jersey
COUNTY OF Bergen } SS:

I, Helen Shakrokes, a Notary Public of said County of New Jersey do certify that Gene Looney, single

whose name(s) is (are) signed to the writing above, bearing date the 2nd day of February 1974 has (have) this day acknowledged the same before me in my said county.

Given under my hand this 2nd day of February 1974

My commission expires NOTARY PUBLIC OF NEW JERSEY
My Commission Expires Mar. 27, 1977

Helen Shakrokes
NOTARY PUBLIC

(Individual—W. Va.)

STATE OF _____
COUNTY OF _____ } SS:

I, _____, a Notary Public of said County of _____ do certify that _____

whose name(s) is (are) signed to the writing above, bearing date the _____ day of _____ 19____ has (have) this day acknowledged the same before me in my said county.

Given under my hand this _____ day of _____ 19____

My commission expires _____

_____
NOTARY PUBLIC

STATE OF WEST VIRGINIA
ROANE COUNTY COURT CLERK'S OFFICE 3-12 1974 3:02

Book No. 131
The foregoing instrument together with the certificate thereto annexed was this date admitted to record in said office.

File No. 10144
Fee $2.25

GENE M. ASHLEY, Clerk
By _____ Deputy