



1) Date: May 2, 19 83
 2) Operator's Osborn No. 1
 Well No. _____
 3) API Well No. 47 041 3324
 State West Virginia County Lincoln Permit

DRILLING CONTRACTOR:

Unknown

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

OIL AND GAS WELL PERMIT APPLICATION

MAY 3 1983

OIL & GAS DIVISION
 DEPT. OF MINES

- 4) WELL TYPE: A Oil / Gas XX /
 B (If "Gas", Production / Underground storage / Deep / Shallow XX /)
- 5) LOCATION: Elevation: 1161.1 Watershed: Leading Creek
 District: Freemans Creek County: Lewis Quadrangle: Gilmer 7.5 min.
- 6) WELL OPERATOR Chesterfield Energy Corp. 11) DESIGNATED AGENT Stanley N. Pickens
 Address 320 Professional Bldg. Address 320 Professional Bldg.
Clarksburg, WV 26301 Clarksburg, WV 26301
- 7) OIL & GAS ROYALTY OWNER J. D. & V. A. Osborn 12) COAL OPERATOR n/a
 Address Rt. #5, South, Box 400 Address
Gainesville, Missouri 65655
- 8) SURFACE OWNER Harry & Mary Teeter 13) COAL OWNER(S) WITH DECLARATION ON RECORD:
 Address Linn, W. Va. 26384 Name Mid Allegheny
 Address P. O. Box 430
Summersville, WV 26651
- 9) FIELD SALE (IF MADE) TO:
 Address
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name Robert Bates
 Address 109 Minnich Street
Weston, WV 26452
- 14) COAL LESSEE WITH DECLARATION ON RECORD:
 Name
 Address n/a
- 15) PROPOSED WORK: Drill XX / Drill deeper / Redrill / Fracture or stimulate
 Plug off old formation / Perforate new formation
 Other physical change in well (specify)
- 16) GEOLOGICAL TARGET FORMATION, Alexander
- 17) Estimated depth of completed well, 5450' feet
 18) Approximate water strata depths: Fresh, -- feet; salt, feet.
 19) Approximate coal seam depths: 630-635 Is coal being mined in the area? Yes / No XX

20) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor	11 3/4"	H-40	42#		XX	30'	30'		Kinds
Fresh water									
Coal									Sizes
Intermediate	8 5/8"	J-55	23#	XX		1000'	1000'	Circulate	NEAT
Production	4 1/2"	J-55	10.5#	XX		5400'	5400'	440 SKS	Depths set <u>as req. by Rule 15.01</u>
Tubing									Perforations:
Liners									Top Bottom

21) EXTRACTION RIGHTS

Check and provide one of the following:
 Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.
 The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.)

22) ROYALTY PROVISIONS

Is the right to extract, produce or market the oil or gas based upon a lease or other continuing contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Yes No

If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.

23) Required Copies (See reverse side.)

24) 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.

Notary:
 My Commission Expires 12-21-87

Signed: Stanley N. Pickens
 Its: President

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-041-3324 Date May 18 1983
02/09/2024

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector. (Refer to No. 10) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

Permit expires January 18, 1984 unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond: <u>BB</u>	Agent: <u>OK</u>	Plat: <u> </u>	Casing: <u> </u>	Fee: <u>1724</u>
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Administrator, Office of Oil and Gas

Line Item Explanation

- 1) Date of Application
- 2) Your well name and number
- 3) To be filled out by office of oil & gas
- 4A) "Oil" means natural crude oil or petroleum and other hydrocarbons, regardless of gravity, which are produced at the well in liquid form by ordinary production methods and which are not the result of condensation of gas after it leaves underground reservoirs: "Gas" means all natural gas and all other fluid hydrocarbons not defined as oil.
- 4B) "Shallow well" means any well drilled and completed in a formation above the top of the uppermost member of the "Onondaga Group" or a depth less than six thousand feet, whichever is shallower.
"Deep well" means any well drilled and completed in a formation at or below the top of the uppermost member of the "Onondaga Group" or at a depth less than six thousand feet, whatever is shallower.
- 5) Where well is located
- 6) Before a permit can be issued in a corporation, company partnership, or fictitious name, the name must be registered with the Secretary of State Office
- 7) Use separate sheet if necessary
- 8) Present surface owner at time application is filed.
- 9) Optional
- 11) See Reg. 7.01 relating to code §22-4-1k
- 12) "Coal Operator" means any persons, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine. See Note 24
- 13 & 14) As per §22-4-20; See Note 24
- 15) Work that will be attempted—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.
- 16) Anticipated formation for which well will be completed
- 17) Self explanatory
- 18) Depth to deepest freshwater, and shallowest salt water, taken from nearby wells corrected for differences in elevation
- 19) All coal seam depths
- 20) Proposed casing program and cementing refer to Code 22-4-5, 22-4-6, 22-4-7, 22-4-8, 22-4-8a Reg 9.01, 15.01, 15.02, 15.03, 15.04, 25.01, 25.02, 25.03, 25.04
- 21) Code 22-4-11(c) - In lieu of filing the lease or leases or other continuing contract or contracts, the applicant for a permit described herein may file the following:
 - (1) A brief description of the tract of land including the district and county wherein the tract is located;
 - (2) The identification of all parties to all leases or other continuing contractual agreements by which the right to extract, produce or market the oil or gas is claimed;
 - (3) The book and page number wherein each such lease or contract by which the right to extract, produce or market the oil or gas is recorded;
 - (4) A brief description of the royalty provisions of each such lease or contract.
- 22) Code 22-4-11(d) and 22-4-11(e).
- 23) 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.
- 24) **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.**

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

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.

02/09/2024

Date: _____, 19____

By _____

Its _____



IV-9
(Rev 8-81)

DATE June 30, 1982

WELL NO. Osborn No. 1

State of West Virginia

API NO. 47 - 041 - 3324

Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Chesterfield Energy Corporation DESIGNATED AGENT Stanley N. Pickens
 Address 319-320 Professional Building Address 319-320 Professional Building
Clarksburg, West Virginia 26301 Clarksburg, West Virginia 26301
 Telephone 304-623-5467 Telephone 304-623-5467

LANDOWNER Harry Teter SOIL CONS. DISTRICT West Fork
 Revegetation to be carried out by Stanley N. Pickens (Agent)

This plan has been reviewed by West Fork SCD. All corrections and additions become a part of this plan:

7/14/82
(Date)
Kenneth Knight
(SCD Agent)

ACCESS ROAD

LOCATION

Structure <u>Temporary Stream Crossing</u> (A)	Structure <u>Diversion Ditch</u> (1)
Spacing <u>As shown on sketch</u>	Material <u>Earth</u>
Page Ref. Manual <u>2-20 & 2-22</u>	Page Ref. Manual <u>2-12 to 2-13</u>
Structure <u>Drainage Ditch</u> (B)	Structure _____ (2)
Spacing <u>As shown on sketch</u>	Material _____
Page Ref. Manual <u>2-12 to 2-14</u>	Page Ref. Manual _____
Structure <u>Cross Drains</u> (C)	Structure _____ (3)
Spacing <u>As shown on sketch</u> <u>17' to 45' apart</u>	Material _____
Page Ref. Manual <u>2-1 to 2-4</u>	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

*Lime 3.0 Tons/acre
 or correct to pH 6.5

Fertilizer 600 lbs/acre
 (10-20-20 or equivalent)

Mulch Hay or straw 2.0 Tons/acre

Seed* Ky 31 Tall Fescue 40 lbs/acre
Birdsfoot Trefoil 10 lbs/acre
Dom. Rye Grass 10 lbs/acre

Treatment Area II

*Lime 3.0 Tons/acre
 or correct to pH 6.5

Fertilizer 600 lbs/acre
 (10-20-20 or equivalent)

Mulch Hay or straw 2.0 Tons/acre

Seed* Ky 31 Tall Fescue 40 lbs/acre
Birdsfoot Trefoil 10 lbs/acre
Dom. Rye Grass 10 lbs/acre

*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacteria. Inoculate with 3X recommended amount. 02/09/2024

* Lime according to pH test. PLAN PREPARED BY Jerry M. Queen Mountain State Environmental Serv.

NOTES: Please request landowners' cooperation to protect new seedling for one growing season. Attach separate sheets as necessary for comments.

ADDRESS 102 S. Fourth Street

Clarksburg, West Virginia 26301

PHONE NO. 304/624-9700, 842-3325

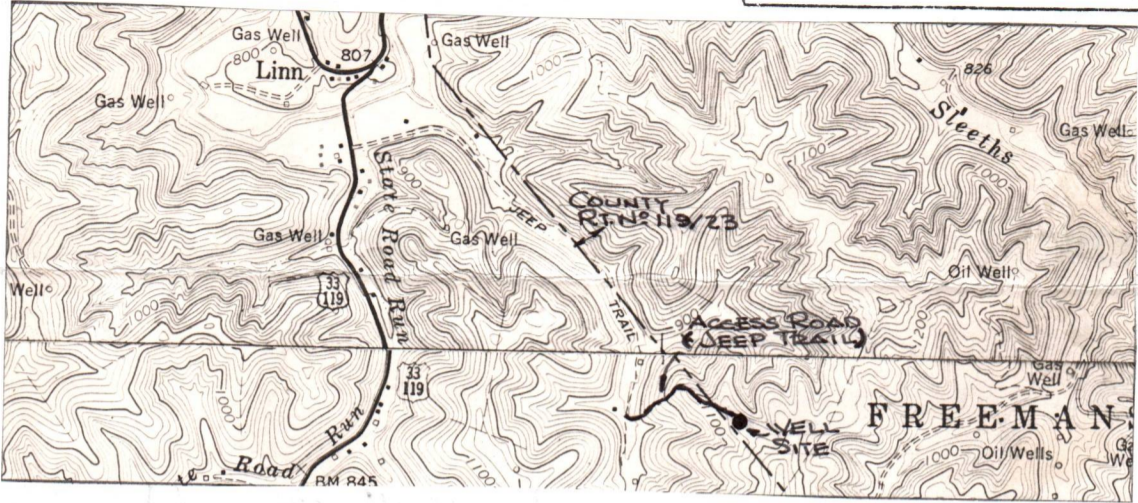
ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP.

QUADRANGLE Gilmer, 715 min. (1976)
Vadis, 7.5 min. (1976)

LEGEND

Well Site

Access Road

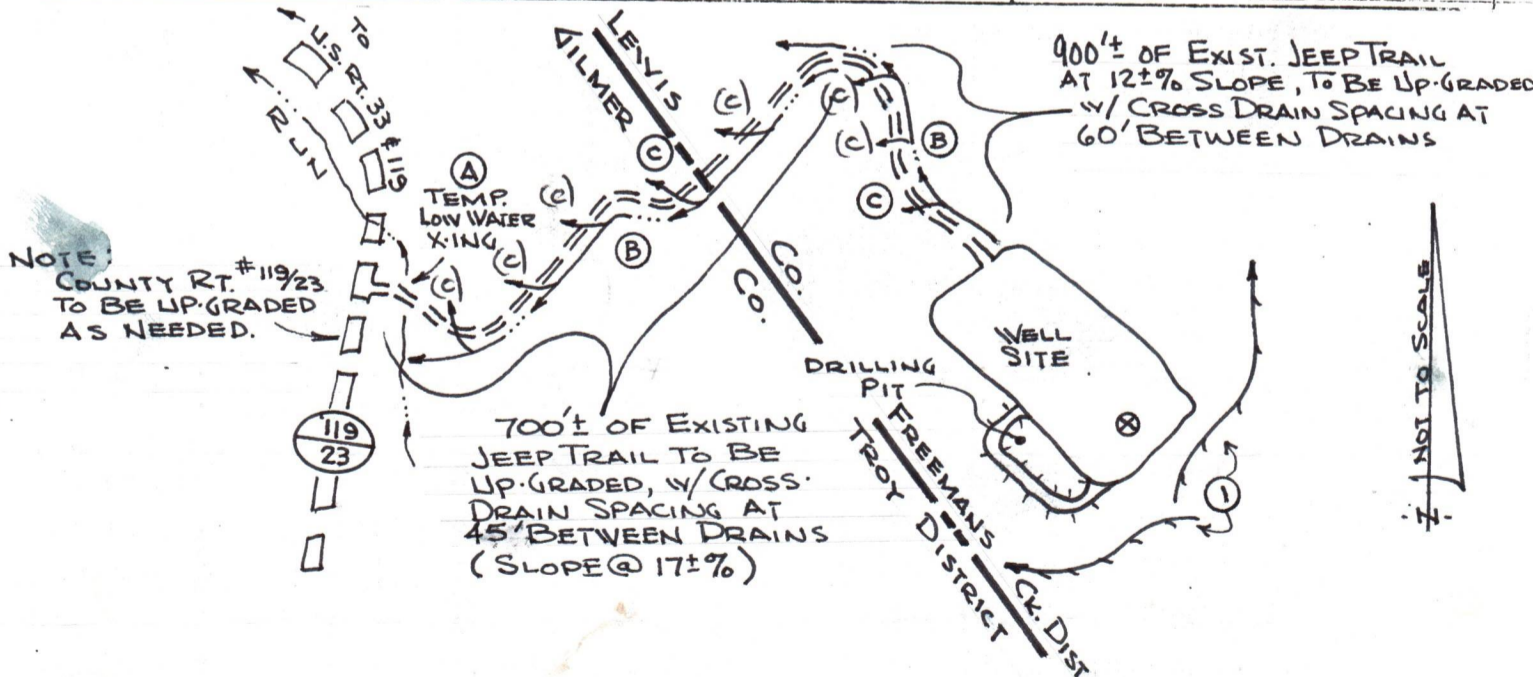


WELL SITE PLAN

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

LEGEND

Property boundary	Diversion
Road	Spring
Existing fence	Wet spot
Planned fence	Building
Stream	Drain pipe
Open ditch	Waterway



Comments: Access to the well site will be gained by constructing approximately 1600 feet of new access road, beginning at a junction point in the Gilmer County Route 119/23. The access road will be sloped at 2-3% towards the open ditch. All outlets of drainage structures and ditches will be to stable areas. The well location will be located in a flat cleared area. All brush and timber will be removed from the area to be disturbed prior to any earth moving activities. The road and well site will be brought to desired grade with erosion control structures being installed in conjunction with the grading. Under most conditions, the preceding plan will be followed; however, due to lease restrictions, surface owner request and weather conditions, etc., the plan may be altered. Subsequently, the proper erosion and sediment control measures will be installed.

02/09/2024

OIL AND GAS LEASE

AGREEMENT, made and entered into this 23rd day of Oct. A. D. 1981 by and between J.D. Osborn and Virginia A. Osborn, his wife

of Gainesville Missouri party of the first part, hereinafter called Lessor (whether one or more), and Permian Oil & Gas Corp. party of the second part, hereinafter called Lessee;

1. WITNESSETH: That the Lessor, in consideration of the sum of One Dollar, the receipt of which is hereby acknowledged, and the covenants and agreements hereinafter contained, does hereby grant unto the Lessee all of the oil and gas and all of the constituents of either in and under the land hereinafter described, together with the exclusive right to drill for, produce and market oil and gas and their constituents and of storing gas of any kind in any formation underlying the land, and also the right to enter thereon at all times for the purpose of drilling and operating for oil, gas and water, laying pipe lines, erecting tanks, machinery, powers and structures, and to possess, use, and occupy so much of said premises as is necessary and convenient for said purposes and to convey

the above named products therefrom or thereto by pipe lines or otherwise; said land being situate in Troy District, County of Gilmer, State of West Virginia, and described as follows, to-wit: Bounded on the NORTH by lands of Now or formerly Patterson heirs, EAST by lands of Now or formerly Stephen R. Hitt, SOUTH by lands of Now or formerly Jacob Lowther, WEST by lands of Now or formerly Elijah Bennett heirs, Containing Thirty four acres, more or less and being the same land conveyed to lessor by by deed dated recorded in said county records in Book No. Page

2. It is agreed that this lease shall remain in force for a primary term of TWO years from this date and as long thereafter as operations for oil or gas are being conducted on the premises, or oil or gas is found in paying quantities thereon, or any formation underlying the herein leased land is used for storage of gas as provided under paragraph 7 hereof.

3. The Lessee shall deliver to the credit of the Lessor free of cost, in the pipe line to which he may connect his wells, the equal one-eighth (1/8) part of all oil produced and saved from the leased premises, and shall pay Lessor

their proportionate share for all gas and casing head gas produced and sold from the premises, payable monthly; provided, Lessee shall pay Lessor a royalty at the rate of Fifty Dollars per year on each gas well while, through lack of market, gas therefrom is not sold or used off the premises, and while said royalty is so paid said well shall be held to be a paying well under paragraph 2 hereof.

4. The Lessee shall commence operations for a well on the premises on or before Oct. 22, 1982 unless Lessee pays thereafter a rental of \$102.00 for each Twelve months that operations are delayed from the time above mentioned. The consideration first recited herein, the down payment, shall cover not only the privilege granted to the date when first said rental is payable as aforesaid, but also the Lessee's option of extending that period as aforesaid, and any and all other rights conferred. The drilling of a non-productive well shall be accepted by the Lessor in lieu of delay rental for a period of one year after its completion, and following the exhaustion or abandonment of all wells the Lessee shall have the right for a period of one year to resume the payment of delay rental or commence operations for another well. Upon the resumption of payment of rentals the provisions hereof governing such payment and the effect thereof shall continue in force as though they had not been interrupted.

5. All moneys coming due hereunder shall be paid or tendered to J.D. Osborn direct, or by check payable to his (or her) order mailed to Rt. 5 South, Box 400 Gainesville Missouri and no default shall be declared against the Lessee by the Lessor for failure of the Lessee to make any payment or perform any conditions provided for herein unless the Lessee shall refuse or neglect to pay or perform the same for ten days after having received written notice by registered mail from the Lessor of his intention to declare such default.

6. Lessor reserves 200,000 cubic feet of gas per annum for domestic use, to be taken through his own appliances at any producing gas well, and agrees to pay Lessee a fair domestic rate for any gas used in excess thereof. Lessor further covenants and agrees that his taking and use of gas shall be wholly at his own risk, the Lessee not to be held liable for any accident or damage caused thereby, nor shall Lessee be liable for any shortage or failure in the supply of gas for said domestic use.

7. Lessee shall have the right to use any formation underlying the leased premises for the storage of gas and shall have all rights and rights-of-way necessary to store and produce such stored gas. As full payment for such storage rights, the Lessee shall pay to the Lessor a rental of per acre per year while the premises are so used, and so long as the storage payment is made, all provisions of this lease shall remain in full effect.

8. Lessor further grants to the Lessee, his heirs and assigns, the right to unitize this lease with other leases to form a drilling unit or units according to the rules and regulations which may be adopted for the proper development and conservation of the field. In the event this lease is so unitized, the Lessor agrees to accept, in lieu of the royalty hereinbefore recited, such proportion of the royalty above provided, as the acreage covered by this lease bears to the total acreage comprising the unit.

9. If said Lessor owns a less interest in the above described land than the undivided fee simple estate therein, then the royalties and rentals herein provided shall be paid the Lessor only in the proportion which his interest bears to the whole and undivided fee.

10. No well may be drilled nearer than 200 feet to the house or barn now on said premises without the written consent of Lessor. Lessee shall have and enjoy all rights and privileges necessary and convenient for the proper use and development of this lease, and shall have the right to use, free of cost, gas, oil and water produced on said land for its operations thereon, except water from wells of Lessor. Lessee shall also have the right at any time to remove all or any part of the machinery, fixtures or structures placed on said premises, including the right to draw and remove casing. Lessee shall pay for damages caused by its operations to growing crops on said lands, and, when requested by Lessor, shall bury its pipe lines below plow depth.

11. The interest or estate of either party hereto may be assigned, the privilege of assigning in whole or in part being expressly allowed. In event this lease shall be assigned as to any part or parts of the above described land and the assignee or assignees of such part or parts shall fail or make default in the payment of the proportionate part of the rents due from him or them, such default shall not operate to defeat or affect this lease insofar as it covers a part or parts of said land upon which the said Lessee or any assignee thereof shall make due payment of said rental. No change of ownership in the land or in the rentals or royalties shall be binding on the Lessee until after notice to the Lessee and it has been furnished with a written transfer or assignment or a certified copy thereof.

12. At any time, Lessee, its successors or assigns, shall have the right to surrender this lease or any part thereof for cancellation, after which all payments and liabilities hereunder thereafter shall cease and determine, and if the whole is surrendered, then this lease shall become absolutely null and void. This surrender may be made to the Lessor, or if more than one Lessor, then to any one of them, or to the heirs or assigns of any one of them by delivery of a duly executed surrender thereof in person or by mail addressed to the post office address of such person, or by recording a duly executed surrender thereof in the Recorder's office of the County in which the land is located.

13. Lessor hereby warrants and agrees to defend the title to the land herein described and agrees that the Lessee at its option may pay, discharge or redeem any taxes, mortgages, or other liens existing, levied, or assessed on or against the above described lands, and in event it exercises such option, it shall be subrogated to the rights of any holder or holders thereof and may reimburse itself by applying any royalty or rentals accruing hereunder to the discharge of any such taxes, mortgages or other liens.

14. It is expressly agreed that if the Lessee shall commence drilling operations at any time while this lease is in force, it shall remain in force and its terms continue so long as such operations are prosecuted, and if production results therefrom, then as long as production continues. If after the expiration of the term of this lease production from the leased premises shall cease from any cause, this lease shall not terminate provided Lessee resumes operations within sixty days from such cessation, and this lease shall remain in force during the prosecution of such operations, and, if production results therefrom, then as long as oil or gas is produced in paying quantities.

This instrument prepared by Permian Oil and Gas Corp.

6555

02/09/2024

02/09/2024

ASSIGNMENT OF OIL AND GAS LEASE

THIS ASSIGNMENT AND AGREEMENT, made and entered into this 3rd day of June, 1982, by and between PERMIAN OIL AND GAS CORPORATION, of P. O. Box 989, Clarksburg, West Virginia 26301, a West Virginia corporation, hereinafter sometimes referred to as "Assignor" and CHESTERFIELD ENERGY CORPORATION, of 320 Professional Building, Clarksburg, West Virginia 26301, hereinafter sometimes referred to as "Assignee";

WITNESSETH: That for and in consideration of the mutual covenants herein contained and the sum of Ten Dollars (\$10.00), cash in hand paid by Assignee to Assignor, the receipt and sufficiency of all of which is hereby acknowledged, Assignor does hereby assign, transfer, and set over to Assignee, subject to the terms and conditions hereinafter set forth, without warranty of title, all of Assignor's right, title, interest in and the leasehold estate created by that certain oil and gas lease set forth and described as follows:

A certain oil and gas lease dated the 23rd day of October, 1981, from J. D. Osborn and Virginia Osborn, his wife, to Permian Oil and Gas Corporation containing 34 acres, more or less, situate in Troy District of Gilmer County, West Virginia, and of record in the Office of the Clerk of the County Commission of Gilmer County, West Virginia, in Book No. 322, at Page 427.

This Assignment is on and subject to the following terms and conditions:

(1) Assignee agrees to faithfully and primarily perform all of the terms and conditions of said lease to be performed by Assignor and further agrees to indemnify and hold Assignor harmless from and against any and all claims, suits and demands arising out of or caused by Assignee's failure to perform the same.

02/09/2024

(2) Assignee agrees to protect, indemnify and hold Assignor harmless, free and clear of and from all liens, claims, demands, actions and causes of action of whatsoever nature arising out of or in connection with the preparation, drilling, testing, or completing of any wells drilled or operations commenced in connection with said tract. Assignee shall comply with applicable laws and regulations of any governmental authority having jurisdiction, and otherwise restore the surface of the land to substantially the same condition as it was before the commencement of any operations.

(3) This Assignment and Agreement is executed in duplicate and each copy thereof shall for all purposes be treated as an original and be binding upon the parties hereto and their respective heirs, personal representatives, devisees and assigns.

IT WITNESS WHEREOF, the undersigned party of the first part has caused these presents to be executed, and the parties of the second part have hereunto set their hands and seals all as of the day and year first hereinabove written:

PERMIAN OIL AND GAS CORPORATION

By James K. Matterny
Its President

CHESTERFIELD ENERGY CORPORATION

By Stanley N. Pickens
Its President

This instrument prepared by:

Permian Oil and Gas Corporation
102 South Fourth Street
P. O. Box 989
Clarksburg, WV 26301

02/09/2024

STATE OF WEST VIRGINIA,

County of Harrison, to-wit:

The foregoing instrument was acknowledged before me
this 16th day of June, 1982, by James B. Matheny,
of PERMIAN OIL AND GAS CORPORATION,
on behalf of the corporation.

Mary A. Staley
Notary Public

My Commission Expires on March 31, 1992.

STATE OF WEST VIRGINIA,

County of Harrison, to-wit:

The foregoing instrument was acknowledged before me
this 16th day of June, 1982, by Staley
A. Pickens, of CHESTERFIELD ENERGY CORPORATION,
on behalf of the corporation.

Linda M. Summers
Notary Public
Commissioned as Staley
Pickens

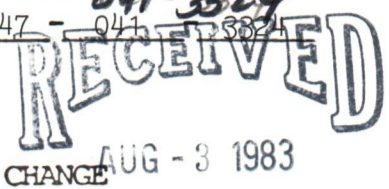
My Commission Expires on December 31, 1987.



IV-35
(Rev 8-81)

Date July 7, 1983
Operator's
Well No. Osborn Well #1
Farm _____
API No. 47-041-3824

OIL & GAS DIVISION
DEPT. OF MINES
State of West Virginia
Department of Mines
Oil and Gas Division



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 ___ / Underground Storage ___ / Deep ___ / Shallow ___)

LOCATION: Elevation: 1161.1 Watershed Leading Creek
District: Freemans Creek County Lewis Quadrangle Gilmer 7.5 min.

COMPANY Chesterfield Energy Corporation
ADDRESS 320 Professional Building
Clarksburg, WV 26301
DESIGNATED AGENT Stanley N. Pickens
ADDRESS -same-
SURFACE OWNER Harry & Mary Teeter
ADDRESS Linn, WV 26384
MINERAL RIGHTS OWNER J.D. & V.A. Osborn
ADDRESS Rt. #5, South, Box 400, Gainesville, Mo 65655
OIL AND GAS INSPECTOR FOR THIS WORK Robert
Bates ADDRESS 109 Minnich Street, Weston
WV 26452
PERMIT ISSUED May 18, 1983
DRILLING COMMENCED 6-6-83
DRILLING COMPLETED 6-12-83
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.			
11 3/4 13-10"	20'	pulled	
9 5/8			
8 5/8	1015'	1015'	270 sks
7			
5 1/2			
4 1/2		5548.31	185 sks
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Alexander, Benson & Riley Depth _____ feet
Depth of completed well 5457' feet Rotary ___ / Cable Tools ___
Water strata depth: Fresh 62' feet; Salt _____ feet
Coal seam depths: 223' - 226' Is coal being mined in the area? No

OPEN FLOW DATA
Producing formation Alexander Pay zone depth 4884'-5087' feet
Gas: Initial open flow 47 Mcf/d Oil: Initial open flow _____ Bbl/d
Final open flow 420 Mcf/d Oil: Final open flow _____ Bbl/d
Time of open flow between initial and final tests 4 pt. tests hours
Static rock pressure 1620 psig (surface measurement) after 72 hours shut in
(If applicable due to multiple completion--)
Second producing formation Benson & Riley Pay zone depth 4523'-4639' feet
Gas: Initial open flow _____ Mcf/d Oil: Initial open flow _____ Bbl/d
"COMMINGLED WITH FIRST STAGE"
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

LEW, 3324

02/09/2024

RECEIVED AUG 1 1 1983

(Continue on reverse side)

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

Alexander 585 Gal. S/L Fluid
2,520# 80/100, 40,000# 20/40
181,100 S.C.F. Nitrogen

Benson & Riley 610 Gal. S/L Fluid
45,000# 20/40
169,200 S.C.F. Nitrogen

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Dirt			0	8	3/4" H ₂ O 62'
Sand			8	17	
Sand & Shale			17	223	
Coal			223	226	
Sand & Shale & Red Rock			226	1730	
Little Lime			1730	1744	
Sand & Shale			1744	1777	
Big Lime			1777	1921	
Sand & Shale			1921	1999	
Big Injun			1999	2117	Gas Ck @ 2146' 4/10-2" H ₂ O
Sand & Shale			2117	2177	Gas Ck @ 3844' 15/10-1" H ₂ O
Weir			2177	2216	Gas Ck @ 4757' 26/10-2" H ₂ O
Berea			2216	2222	
Sand & Shale			2222	2537	
Gordon			2537	2640	
Sand & Shale			2640	3784	
Balltown			3784	3895	
Sand & Shale			3895	4204	
Riley			4204	4240	
Sand & Shale			4240	4640	
Benson			4640	4655	
Sand & Shale			4655	5000	
Alexander			5000	5040	Gas Ck @ 5049' 60/10-1" H ₂ O
Sand & Shale			5040	5170	Gas Ck @ 5301' 20/10-1" H ₂ O
2nd Elk			5170	5190	
Sand & Shale			5190	5457	
TD			5457		

(Attach separate sheets as necessary)

Chesterfield Energy Corporation
Well Operator
By: Stanley A. Pukow President
Date: July 7, 1983 02/09/2024

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."

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

RECEIVED
JUN 10 1983

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES

041

Permit No. Lew-3324

Oil or Gas Well _____
(KIND)

Company <u>Chesterfield Energy Corp.</u>	CASING AND TUBING	USED IN DRILLING	Left in Well	PACKERS
Address <u>Clarksburg, W.V.</u>	Size			
Farm <u>Osborn</u>	16			Kind of Packer _____
Well No. <u>No 1</u>	13			
District <u>Freemans Creek</u> County <u>Lewis</u>	10			Size of _____
Drilling commenced <u>6-7-83</u>	8 1/4			
Drilling completed _____ Total depth _____	6 3/4			Depth set _____
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom _____
Volume _____ Cu. Ft.	Liners Used			Perf. top _____
Rock pressure _____ lbs. _____ hrs.				Perf. bottom _____
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Fresh water <u>8'</u> feet _____ feet	NAME OF SERVICE COMPANY _____			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT <u>223'-226'</u> FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

Remarks: Union Drilling rig #2 Vern Tenney

Pit and location OK. Dusting at 730'

June 8, 1983

DATE

Robert Bateman
02/09/2024
DISTRICT WELL INSPECTOR

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: _____

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

02/09/2024
DISTRICT WELL INSPECTOR

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

INSPECTOR'S WELL REPORT

Permit No. Lew-3324

RECEIVED
AUG 26 1983
Oil or Gas Well
(KIND)

Company <u>Chesterfield Energy Corp.</u> Address <u>Clarksburg, W.V.</u> Farm <u>(Osborn) Harry Teeter</u> Well No. <u>Osborn No 1</u> District <u>Courthouse</u> County <u>Lewis</u> Drilling commenced <u>?</u> Drilling completed <u>?</u> Total depth <u>?</u> 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 <u>8'</u> feet _____ feet Salt water _____ feet _____ feet	CASING AND TUBING USED IN DRILLING LEFT IN WELL	PACKERS DEPT. OF MINES
	Size	Kind of Packer
	16	
	13	
	10	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 8 3/8" SIZE 1016 No. FT. 6-8-83 Date

NAME OF SERVICE COMPANY Dowell

COAL WAS ENCOUNTERED AT 223-226' FEET _____ INCHES

630 ? FEET _____ INCHES FEET _____ INCHES

_____ FEET _____ INCHES FEET _____ INCHES

Drillers' Names _____

Union Drilling rig # 2

Remarks:

Backfilled only Not identified

8-24-83

DATE

Robert Bates 501

DISTRICT WELL INSPECTOR

02/09/2024

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: _____

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

DISTRICT WELL INSPECTOR
 02/09/2024

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
FINAL INSPECTION REQUEST
INSPECTOR'S COMPLIANCE REPORT

RECEIVED
 JUN 21 1985
 OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 041-3324 County Lewis/Freemans Creek
 Company Chesterfield Energy Corp. Farm Harry & Mary Teeter
 Inspector ROBERT BATES Well No. Osborn Well #1
 Date August 22, 1983

RULE	DESCRIPTION	IN COMPLIANCE	
		Yes	No
23.06	Notification Prior to starting Work	_____	_____
25.04	Prepared before Drilling to prevent waste	_____	_____
25.03	High-Pressure Drilling	_____	_____
16.01	Required Permits at wellsite	_____	_____
15.03	Adequate Fresh Water Casing	_____	_____
15.02	Adequate Coal Casing	_____	_____
15.01	Adequate Production Casing	_____	_____
15.04	Adequate Cement Strength	_____	_____
23.02	Maintained Access Roads	_____	_____
25.01	Necessary Equipment to prevent Waste	_____	_____
23.03	Reclaimed Drilling Site	_____	_____
23.04	Reclaimed Drilling Pits	_____	_____
23.05	No surface or underground Pollution	_____	_____
7.03	Identification Markings	_____	_____

COMMENTS: _____

I have inspected the above well and (HAVE/HAVE NOT) found it to be in compliance with all of the rules and regulations of the Office of Oil and Gas Department of Mines of the State of West Virginia.

SIGNED: Steve Casey 6-18-85 02/09/2024

RECEIVED

JUN 5 1 08 PM

OIL & GAS DIVISION

DEPT. OF MINES

02/09/2024

State of Kansas (18-22)



State of West Virginia

Department of Mines

Oil and Gas Division

Charleston 25305

June 25, 1985

Barton B. Lay Jr.
Director

Theodore M. Streit
Administrator

Chesterfield Energy Corporation
320 Professional Building
Clarksburg, West Virginia 26301

In Re: PERMIT NO: 47-041-3324
FARM Harry & Mary Teeter
WELL NO: Osborn #1
DISTRICT: Freemans Creek
COUNTY: Lewis
ISSUED: 5--18-83

Gentlemen;

The FINAL INSPECTION REPORT for the above captined well has been received in this office. Only the column checked below applies:

 The well designeated by the above permit number has been released under your Blanket Bond.

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

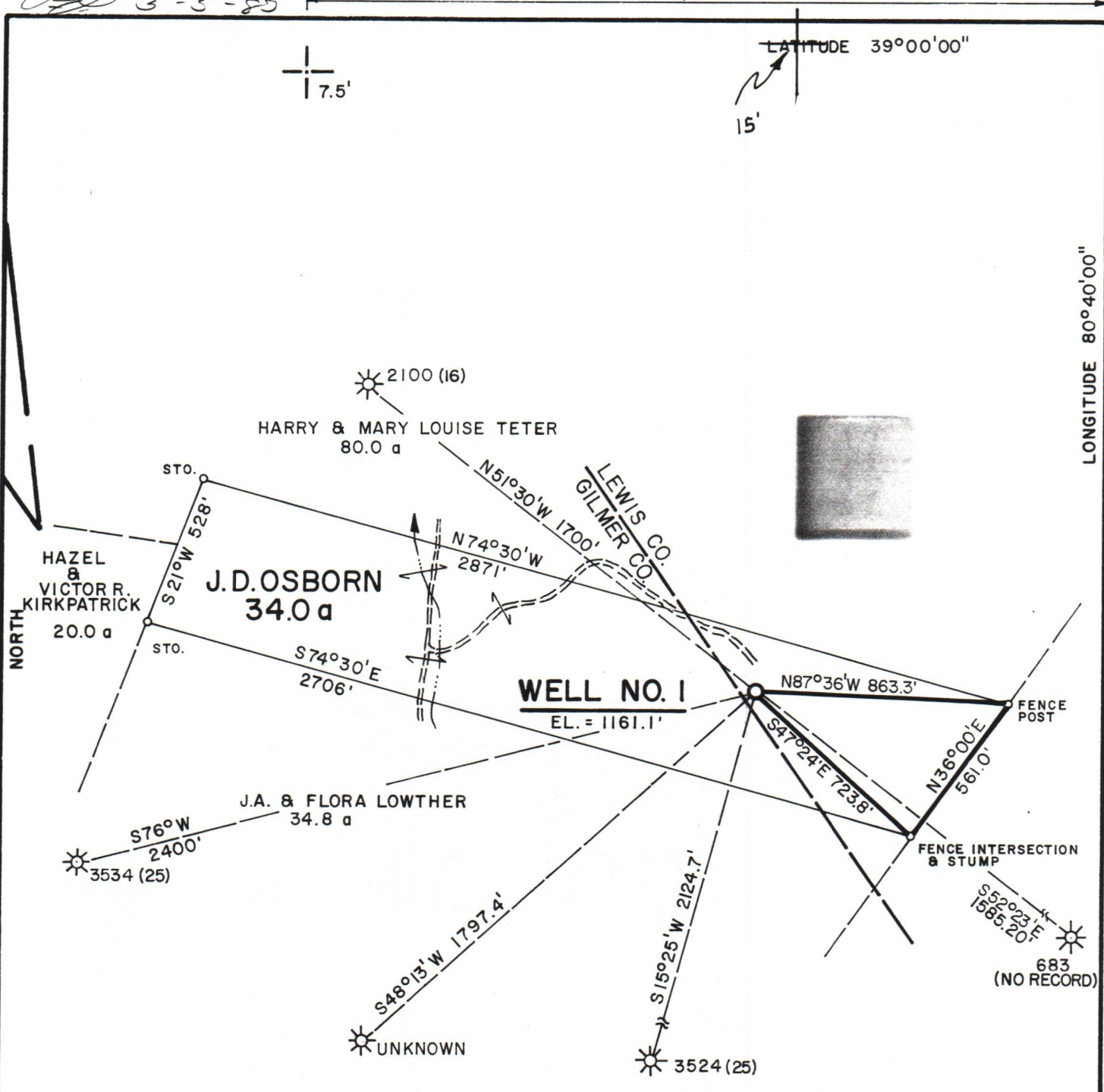
~~XXXXX~~ Your well record was received and reclamation requirements approved. In accordance with Chapter 22, Article 4, Section 2, the above captined well will remain under bond coverage for life of the well.

Very truly yours,

Theodore M. Streit, Administrator
Office of Oil & Gas--Dept. Mines

TMS/ nw

02/09/2024



PLAT PREPARED BY MOUNTAIN STATE ENVIRONMENTAL SERVICE.

FILE NO. MSES 82-55
 DRAWING NO. _____
 SCALE 1" = 500'-0"
 MINIMUM DEGREE OF ACCURACY 1 PART IN 2500'
 PROVEN SOURCE OF ELEVATION INTERSECTION RT. 47 & US 33 & US 119 = EL. 807.00'

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) John S. Bailey
 R.P.E. _____ L.L.S. 652

JOHN S. BAILEY
 LICENSED
 No. 652
 STATE OF WEST VIRGINIA
 LAND SURVEYOR
 PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6
 (8-78)



DATE JUNE 30, 19 82
 OPERATOR'S WELL NO. OSBORN NO. 1
 API WELL NO. _____
47 - 041 - 3324
 STATE COUNTY PERMIT

Department of Mines
 Oil & Gas Division

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS", PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X)
 LOCATION: ELEVATION 1161.1' WATER SHED LEADING CREEK
 DISTRICT FREEMANS CREEK COUNTY LEWIS
 QUADRANGLE GILMER 7.5' (1976)
 SURFACE OWNER HARRY & MARY LOUISE TETER ACREAGE 34.0
 OIL & GAS ROYALTY OWNER J.D. OSBORN LEASE ACREAGE 34.0 LEASE NO. _____
 PROPOSED WORK: DRILL X 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 ALEXANDER ESTIMATED DEPTH 5450'
 WELL OPERATOR CHESTERFIELD ENERGY CORP. DESIGNATED AGENT STANLEY N. PICKENS
 ADDRESS 319-320 PROFESSIONAL BLDG. CLARKSBURG, WV 26301 ADDRESS 319-320 PROFESSIONAL BLDG. CLARKSBURG, WV 26301

02/09/2024

LEWIS 3324

15. This lease embodies the entire contract and agreement between Lessor and Lessee, and no warranties, representations, promises or inducements not herein expressed have been made or relied upon by either party. The terms, conditions and stipulations hereof shall extend to the respective heirs, executors, administrators, successors and assigns of the parties hereto.

Witness the hands and seals of the parties hereto the day and year first above written.

WITNESS:

+ *J. Osborn* (SEAL)
 + *Virginia A. Osborn* (SEAL)
 _____ (SEAL)
 _____ (SEAL)
 _____ (SEAL)
 _____ (SEAL)
 _____ (SEAL)

WEST VIRGINIA ACKNOWLEDGMENT

STATE OF WEST VIRGINIA

COUNTY OF Harrison

To-wit:

I, Mary Beth Barberio, a Notary Public of said County, do hereby certify that J. Osborn and Virginia A. Osborn, his wife, whose names are signed to the within writing bearing date the 23rd day of October, 1981 have this day acknowledged the same before me in my said County.

Given under my hand this 23rd day of October, 1981.
Mary Beth Barberio
 Notary Public
 My Commission expires July 7, 1985

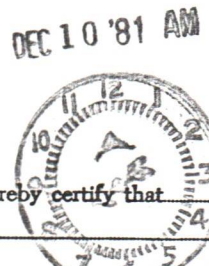
WEST VIRGINIA ACKNOWLEDGMENT

STATE OF WEST VIRGINIA

COUNTY OF _____

To-wit:

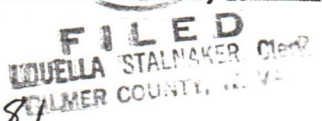
I, _____, a Notary Public of said County, do hereby certify that _____ whose name _____ signed to the within writing bearing date the _____ day of _____, 19____



STATE OF WEST VIRGINIA,

GILMER COUNTY COMMISSION CLERK'S OFFICE

December 10, 1981



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

TESTE: Loeuella Stalaker, CLERK.

CASTO & HARRIS INC., SPENCER, W. VA. RE-ORDER NO 76779

_____ who acknowledged that _____ he _____ did sign the foregoing instrument, and that the same is _____ free act and deed. In testimony whereof I have hereunto subscribed my name at _____, this _____ day of _____, 19____.

My Commission expires _____

Notary Public

Globe Form 100 - Rev. (Standard Ohio & W. Va.)
Oil and Gas Lease
 02/09/2024

TO

Date _____, 19____
 Acres _____
 Location _____
 County _____ State _____
 Term _____

RECORDING DATA: