



1) Date: April 28, 1983  
 2) Operator's Well No. Bickel #4  
 3) API Well No. 47 085 6453  
 State County Permit

DRILLING CONTRACTOR:

Clint Hurt

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

Edens Fork, WV

OIL AND GAS WELL PERMIT APPLICATION

- 4) WELL TYPE: A Oil  / Gas   
 B (If "Gas", Production  / Underground storage  / Deep  / Shallow )
- 5) LOCATION: Elevation: 1004.5 Watershed: Buffalo Run  
 District: Grant County: Ritchie Quadrangle: Petroleum 7.5
- 6) WELL OPERATOR Wayman W. Buchanan 11) DESIGNATED AGENT Leroy Hopkins  
 Address 444 Petroleum Commerce Bldg. Address P. O. Box 106  
San Antonio, Texas 78205 Kenna, WV 25248
- 7) OIL & GAS ROYALTY OWNER Theora Bickel Estate 12) COAL OPERATOR None  
 Address c/o Parkersburg Nat'l. Bank Address \_\_\_\_\_  
Parkersburg, WV 26101
- 8) SURFACE OWNER Ottie D. Metz 13) COAL OWNER(S) WITH DECLARATION ON RECORD:  
 Address Rt. 2, Box 145 Name \_\_\_\_\_  
Parkersburg, WV 26101 Address \_\_\_\_\_  
 Acreage 38 Name \_\_\_\_\_  
 Address \_\_\_\_\_
- 9) FIELD SALE (IF MADE) TO:  
 Address \_\_\_\_\_
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED  
 Name Samuel N. Hersman  
 Address P. O. Box 66  
Smithville, WV 26178
- 14) COAL LESSEE WITH DECLARATION ON RECORD:  
 Name \_\_\_\_\_  
 Address \_\_\_\_\_
- 15) PROPOSED WORK: Drill  / Drill deeper  / Redrill  / Fracture or stimulate   
 Plug off old formation  / Perforate new formation   
 Other physical change in well (specify) \_\_\_\_\_
- 16) GEOLOGICAL TARGET FORMATION, Devonian Shale
- 17) Estimated depth of completed well, 5100 feet  
 18) Approximate water strata depths: Fresh, 50 feet; salt, 1650 feet.  
 19) Approximate coal seam depths: None Is coal being mined in the area? Yes  / No

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

20) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	Size	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS	
		Grade	Weight per ft.	New	Used	For drilling	Left in well		Kinds	Sizes
Conductor	9 5/8			X						
Fresh water						300	250	Circ.		Kinds
Coal							300	CTS		Sizes
Intermediate	X 7			X			1900	Circ.		
Production	4 1/2			X			5100	240 sks.		Depths set <u>OR AS REQ</u> <u>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 \_\_\_\_\_

Signed: Leroy Hopkins  
 Its: Designated Agent

OFFICE USE ONLY

Permit number 47-085-6453 **DRILLING PERMIT** Date May 11 1983  
08/18/2023

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.** 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 11, 1984

unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond: <u>BB</u>	Agent: <u>lo</u>	Plat: <u>[Signature]</u>	Casing: <u>[Signature]</u>	Fee: <u>2142</u>
-----------------	------------------	--------------------------	----------------------------	------------------

Administrator, Office of Oil and Gas

NOTE: Keep one copy of this permit posted at the drilling location.

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.

08/18/2023

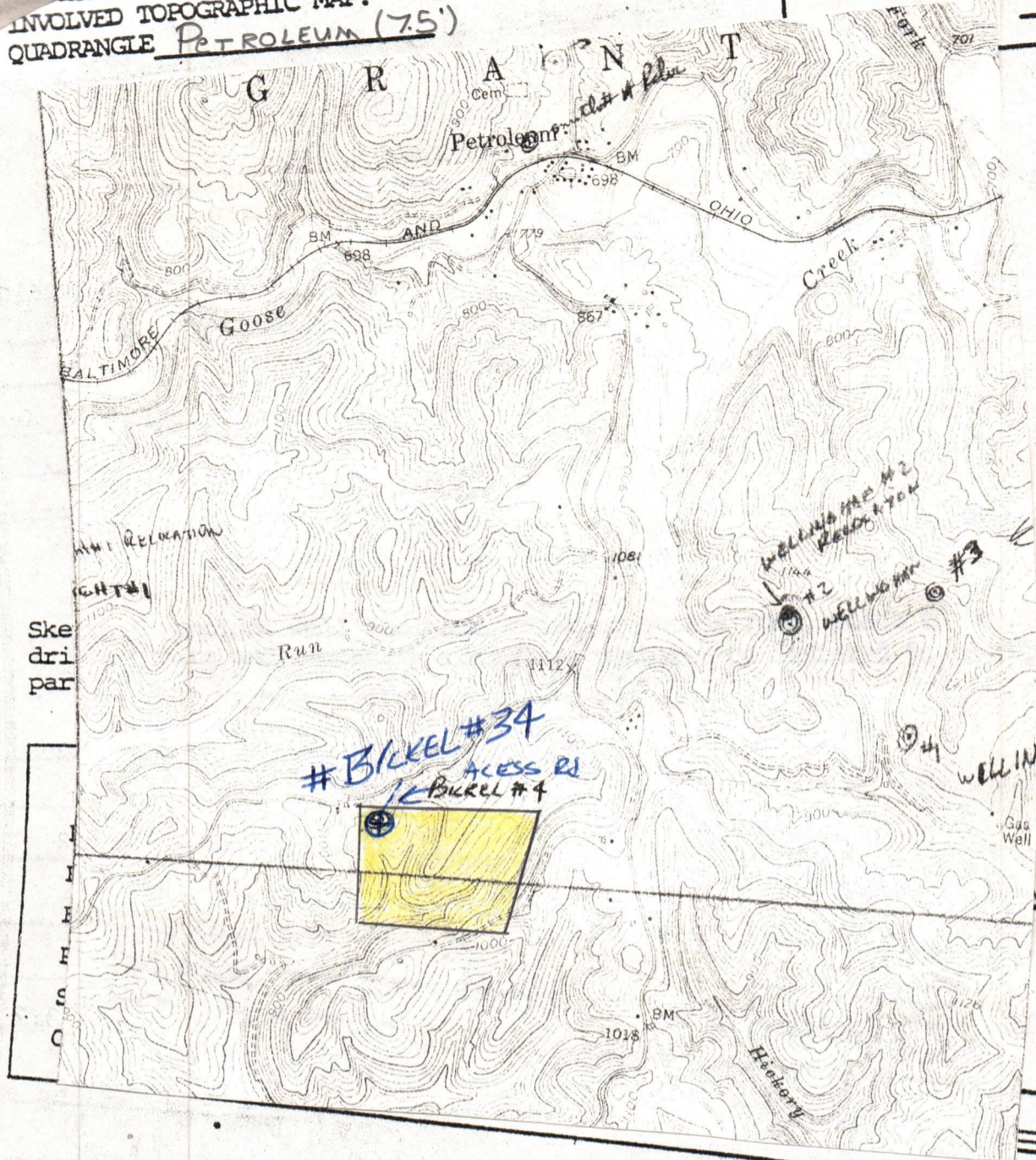
Date: \_\_\_\_\_, 19\_\_\_\_

By \_\_\_\_\_

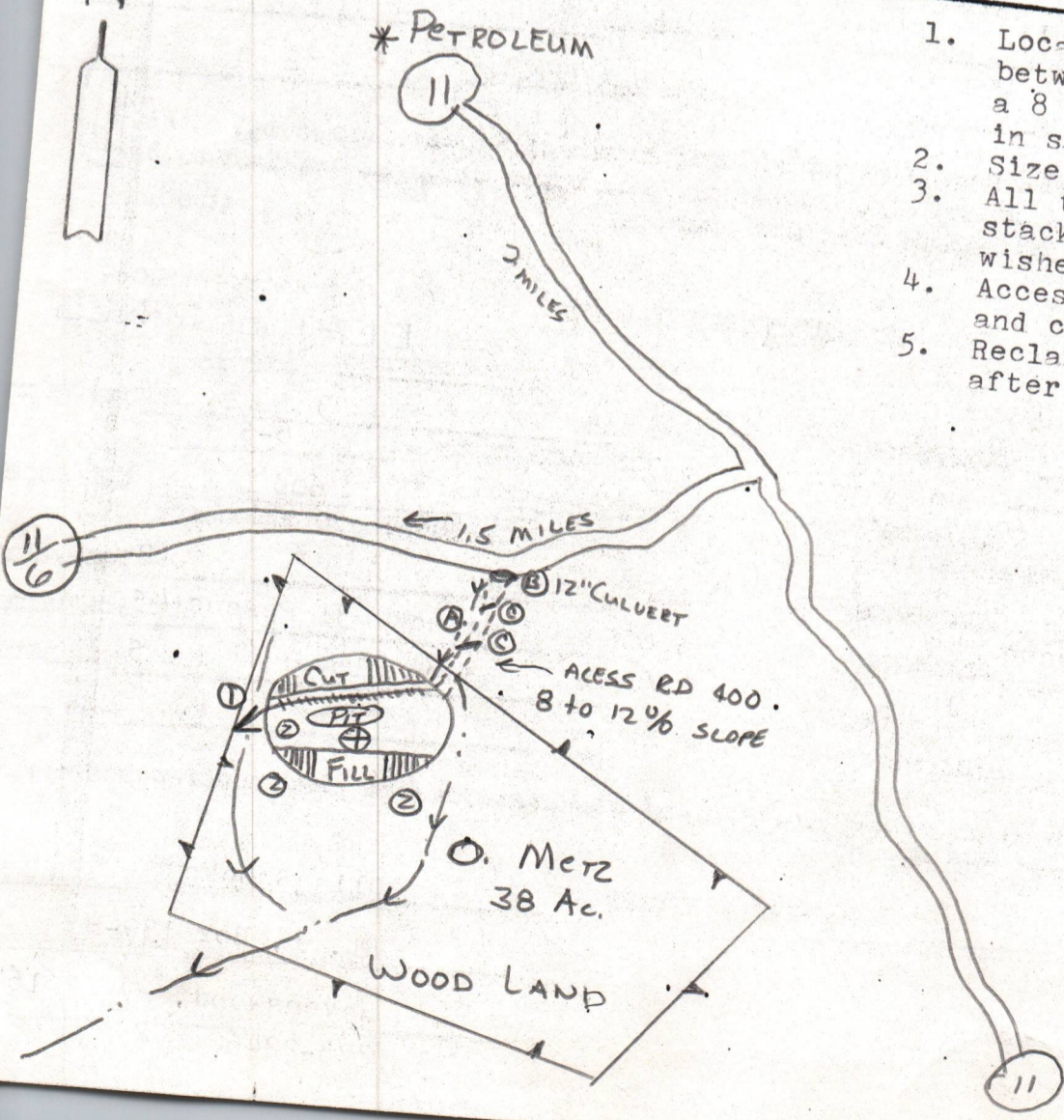
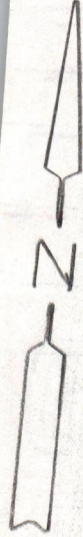
Its \_\_\_\_\_

PHOTO COPY SECTION OF  
INVOLVED TOPOGRAPHIC MAP.  
QUADRANGLE PETROLEUM (7.5')

LEGEND  
Well Site ⊕



nstructed, well  
pond with the



1. Location is on a small point between two small drains, with a 8 to 10% slope, now grown up in second growth timber.
2. Size of location 225 X 225'.
3. All timber will be cut and stacked according to land owners wishes.
4. Access road will have side slope and cross drains.
5. Reclamation will be done 6 mos. after well is completed.

08/18/2023



State of West Virginia  
Department of Mines  
Oil and Gas Division

DATE April 27, 1983  
WELL NO. Bickel No. 4  
API NO. 47-085-6453

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Wayman Buchanan  
Address San Antonio, Texas  
Telephone 512-223-3897  
LANDOWNER Ottie Metz  
Revegetation to be carried out by \_\_\_\_\_  
DESIGNATED AGENT Leroy Hopkins  
Address Kenna, WV  
Telephone 372-8305  
SOIL CONS. DISTRICT Little Kanawha  
Unknown Contractor (Agent)  
This plan has been reviewed by Little Kanawha SCD. All corrections  
and additions become a part of this plan: 4-28-83  
(Date)  
Jarrett Newton  
(SCD Agent)

ACCESS ROAD

LOCATION

Structure Drainage Ditch (A)  
Spacing \_\_\_\_\_  
Page Ref. Manual 2:12  
Structure Culvert (B)  
Spacing 12" Min-30" Max I. D.  
Page Ref. Manual 2:7 & 2:8  
Structure Cross Drains (C)  
Spacing 135' - 400'  
Page Ref. Manual 2:1 & 2:4

Structure Diversion Ditch  
Material Earthen  
Page Ref. Manual 2:12  
Structure \_\_\_\_\_  
Material Straw  
Page Ref. Manual 3:6 & 3:7  
Structure \_\_\_\_\_  
Material \_\_\_\_\_  
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.

MAY 4 1983

REVEGETATION

OIL & GAS DIVISION  
DEPT. OF MINES  
Treatment Area II

Treatment Area I  
Lime 3 Tons/acre  
or correct to pH 6-5  
Fertilizer 600 lbs/acre  
(10-20-20 or equivalent)  
Mulch Hay \_\_\_\_\_ 2 Tons/acre  
Seed\* Kentucky 31 Fescue 45 lbs/acre  
Crown Vetch 10 lbs/acre  
\_\_\_\_\_ lbs/acre

Lime 3 Tons/acre  
or correct to pH 6-5  
Fertilizer 600 lbs/acre  
(10-20-20 or equivalent)  
Mulch Hay \_\_\_\_\_ 2 Tons/acre  
Seed\* Kentucky 31 Fescue 45 lbs/acre  
Ladino Clover 5 lbs/acre  
\_\_\_\_\_ lbs/acre

08/18/2023

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

PLAN PREPARED BY Olin Shockey  
ADDRESS Rt. 1, Box 139-B  
Ravenswood, WV 26164  
273-2246  
PHONE NO. \_\_\_\_\_

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

# Oil and Gas Lease

MAY 4 - 1983

531

OIL & GAS DIVISION

DEPT. OF MINES

Made and entered into the 2nd day of September A.D., 1982 by and between

## Agreement

THE PARKERSBURG NATIONAL BANK, a national banking association as  
Executor and Trustee under the Will of Theora Estelle Bickel, deceased.

part V of the first part hereinafter called Lessor and MORRIS EXPLORATION COMPANY, Peoples Building, Charleston, WV. 25301, party of the second part, hereinafter called Lessee.  
WITNESSETH:

1. That for and in consideration of the sum of One Dollar (\$1.00) and other valuable considerations in hand paid by Lessee, the receipt of which is hereby acknowledged, and of the covenants and agreements hereinafter contained, Lessor does hereby grant, demise, lease, and let onto Lessee, for its exclusive possession and use for the purpose of (a) exploring, prospecting, drilling, operating for and producing oil and gas, including casinghead gas and casinghead gasoline condensate, (b) saving, treating, transporting and caring for said products, (c) removing therefrom, and from lands operated therewith, brine and other refuse and injecting the same, gas, and any other substances into the subsurface thereof, (d) exercising all rights and privileges hereinafter granted to Lessee, (e) constructing, operating and maintaining thereon all structures and facilities necessary or convenient for any and all said purposes and (f) pooling or utilizing the same with other lands for such purposes, as hereinafter more fully set out, all that certain tract of land situated in the District of West Virginia, and on the Ritchie County of West Virginia

Grant

Buffalo Run

waters of Buffalo Run and described as follows:  
All of Lessors interest as Executor and Trustee under the Will of Theora Estelle Bickel, deceased, recorded in Will Book 26, Page 187 of the Records of Wood Co., West Virginia. More particularly described in Deed Dated March 3, 1911 and said to contain 320.00 acres, more or less. Being all of the interest (oil & gas) in Deed from Wm. H. Bickel Sr. to Wm. H. Bickel Jr. and recorded in Deed Book 65, Page 300 of The Deed Records of Ritchie County, West Virginia.

\*Lessor agrees not to extend or renew any existing Oil and Gas lease on the Premises and bounded substantially by lands now or formerly owned as follows:

On the North by William Rutherford On the East by John Dulaney & J.P. Beckner  
On the South by Adam Tennant & Susie Amos On the West by Wheeling & West Liberty Oil

containing 320.00 acres, more or less. In addition to the above described land, any and all strings or parcels of land adjoining or contiguous to the above described land and owned or claimed by Lessor are hereby leased to Lessee.

Lessee shall be responsible for any damage to growing crops, fences, and buildings which may result from said operations. No well shall be drilled within 200 feet of any house or building now on said premises without consent of Lessor. Lessor agrees that Lessee may enter upon leased premises, search for and clean out any abandoned oil or gas well, and such well shall then be considered to have been drilled under the terms of this lease. The same may be properly plugged and abandoned again or refitted and utilized by Lessee for the production of gas or oil. Lessor shall allow Lessee reasonable easements for roadways or pipelines on or across lands herein leased for operations conducted on other lands operated by Lessee.

2. Lessor hereby ~~agrees~~ agrees that Lessee, at its option, may discharge any tax, mortgage or other lien upon said land, either in whole or in part, and if Lessee does so, it shall be subrogated to such lien with right to enforce same and apply rentals and royalties accruing hereunder toward satisfying same. When required by state, federal or other law, Lessee may withhold taxes with respect to rental, royalty and other payments hereunder and remit the amounts withheld to the applicable taxing authority for credit of Lessor.

3. It is agreed that this lease shall remain in force for the term of TWO years from 1-19-83 (hereinafter called the primary term), and as long thereafter as the above described land or any portion thereof, or any other land pooled or unitized therewith as provided in Paragraph Four (4) hereof, is operated by the Lessee in the search for or production of oil or gas, or as long as oil or gas is being withdrawn from the premises by Lessee, or as long as this lease is extended by any other provisions contained herein.

4. Lessee hereby is given the right at its option, at any time within the primary term hereof or at anytime during which this lease may be extended by any provision hereof, and from time to time within such period, to pool, reform, enlarge and/or reduce such unit or pool, and repool all or any part or parts of leased premises or rights therein with any other land in the vicinity thereof, or with any leasehold, operating or other rights or interests in such other land so as to create units of such size and surface acreage as Lessee may desire, but containing not more than 640 acres each plus 10% acreage tolerance. If at any time larger units are specified under any then applicable law, rule, regulation or order of any governmental authority for the drilling, completion, or operation of a well, or for obtaining maximum allowable, any such unit may be established or enlarged to conform to the size authorized. Each unit or reformation may be created by governmental authority or by recording in the appropriate county office a Declaration containing a description of the unit so created, specifying the formation and substances so pooled. Any well which is commenced, or is drilled or is producing on any part of any lands theretofore or thereafter so pooled shall, for the payment of royalties, be considered a well commenced, drilled, and producing on leased premises under this lease. There shall be allocated to the portion of leased premises included in any such pooling or reformation such proportion of the actual production from all lands so pooled or repooled as such portion of leased premises computed on an acreage basis, bears to the entire acreage of the land so pooled or repooled. The production so allocated shall be considered for the purpose of payment or delivery of royalty to be the entire production from the portion of leased premises included in such pooling or repooling in the same manner as though produced from such portion of leased premises under the terms of this lease. Each of said options may be exercised by Lessee from time to time, and a unit may be formed either before or after a well has been drilled or production has been established on leased premises or on the portion of the leased premises which is included in the pool or on other lands which are pooled or repooled therewith.

5. The royalties reserved by Lessor, and which shall be paid by Lessee, are: (a) on oil (including but not limited to distillate and condensate) one-eighth (1/8) of that produced and saved from the leased premises, the same to be delivered at the wells or to the credit of Lessor in the pipeline to which the wells may be connected, provided, however, Lessee may from time to time purchase such royalty oil, paying therefor the current market price at the wells in the field or area for oil (crude) having the same or nearest to the same gravity; (b) on gas, including casinghead gas and all other gaseous or vaporous substances, produced from said land and sold or used off the leased premises, the market value at the wells of one-eighth (1/8) of the gas so sold or used, such market value at the wells in no event to exceed the net proceeds received by Lessee calculated or allocated back to the wells from which produced, making allowance and deduction for a fair and reasonable charge for gathering, compressing and making merchantable such gas, provided, that on gas sold at the wells, the royalty shall be one-eighth (1/8) of the net proceeds received by Lessee from such sale, after such allowance and deduction, and provided further that, if any such sale of gas is regulated as to price by any governmental agency having jurisdiction, such market value or net proceeds shall in no event exceed the amount received by Lessee, not subject to refund, calculated or allocated back to the wells from which produced, making allowance and deduction of a fair and reasonable charge for gathering, compressing and making merchantable such gas and which amount may be further adjusted up or down prospectively or retrospectively when the price or rate authorized by such governmental agency is finally determined. During any period (whether before or after expiration of the primary term hereof) where there is a gas well on the leased premises or on a unit that includes all or a part of the leased premises, however designated, capable of producing gas, and paying quantities and gas is not being sold or used and the well or wells are shut-in for a period of one year and there is no current production of oil or gas or operations on said leased premises or any portion or stratum thereof sufficient to keep this lease in force, Lessee shall be obligated to pay or tender as shut-in royalty an amount (which shall be the same and shall be paid regardless of the number of shut-in wells and regardless of whether the shut-in well or wells be located upon said leased premises or upon such other acreage as is embraced in such unit) equal to the delay rental as provided herein, payable annually at the end of twelve months from date such well is shut in and while said royalty is so paid or tendered this lease shall be held as a producing property under the provisions of this lease. The amount of each such payment or tender may be paid by check or draft of Lessee in the same manner as provided in Paragraph Seven (7) hereof, and such payments may be made beyond the primary term. Lessee shall use reasonable diligence to market gas capable of being produced from such shut-in well or wells but shall be under no obligation to market such gas under terms, conditions, or circumstances which, in Lessee's judgment exercised in good faith, are unsatisfactory. Lessee shall have free use of oil, distillate, condensate, gas, and water from the leased premises for all operations hereunder. RENTAL IS TO BE PAID ON

6. Lessee agrees to commence drilling operations on said premises on or before sixty days from 1-19-83 or 1-19-83 or LEASE IS NULL AND VOID IF DRILLING OPERATIONS ARE NOT COMMENCED BY 08/18/2023 at a rate of \$ 50.00 per acre per year. Said delay rental shall be payable each six months thereafter during the primary term hereof until drilling operations are commenced on the leased premises, or on acreage pooled therewith as above provided or until this lease is surrendered. If operations for drilling are commenced on the leased premises, or on acreage pooled therewith as above provided, before the end of the term for which delay rentals have been made to Lessor, the unaccrued portion of said payment shall be credited to Lessee on the next payment date. Drilling operations shall be deemed to be commenced when the first material is placed on the leased premises or when the first well is drilled other than surveying or staking the location, is done thereon which is necessary for such operations.

7. Failure to pay or error in paying any rental or other payment due hereunder shall not constitute a ground for forfeiture of this lease and shall not affect Lessee's obligation to make such payment, but Lessee shall not be considered in default on account thereof until Lessor has first given Lessee written notice of the non-payment and Lessee shall have failed for a period of sixty (60) days after receipt of such notice to make payment. Payment or tender of rental or other payment hereunder may be made by check or draft of Lessee delivered or mailed to an authorized depository bank or Lessor (at address last known to Lessee) on or before such date for payment, and the payment or tender will be deemed made when the check or draft is delivered or mailed. If said named or successor bank (or any other bank which may, as hereinafter provided have been designated as depository) should fail or liquidate or for any reason refuse or fail to accept rental, Lessee shall not be held in default for failure to make such payment or tender until sixty (60) days after Lessor shall deliver to Lessee a proper recordable instrument naming another bank to receive such payments or tenders. The above named or successor bank or any other bank which may be designated as depository shall be Lessor's agent.

Faint, illegible text covering the majority of the page, appearing to be a document or report.

08/18/2023

111 88 555

111 88 555

ASSIGNMENT OF OIL AND GAS LEASES

STATE OF WEST VIRGINIA    X  
COUNTY OF KANAWHA        X

KNOW ALL MEN BY THESE PRESENTS, THAT:

WHEREAS, MORRIS EXPLORATION COMPANY, having an address of 401 Peoples Building, Charleston, West Virginia, 25301, hereinafter called "Assignor", is the owner and holder of those certain Oil and Gas Leases covering lands in the State of West Virginia, as more particularly described in the schedule of leases attached hereto, marked Exhibit "A", and by reference made a part hereof.

NOW THEREFORE, Assignor, for and in consideration of the sum of Ten and No/100 Dollars (\$10.00) in hand paid by WAYMAN W. BUCHANAN, having an address of 444 Petroleum Commerce Building, San Antonio, Texas, 78205, hereinafter called "Assignee", and subject to further provisions set forth, has sold, assigned, transferred and conveyed and by these presents does sell, assign, transfer and convey unto Assignee all of Assignor's right, title and interest in and to each and all of the Oil and Gas Leases described and referred to upon Exhibit "A", together with all rights thereunder and incident thereto, including any and all personal property located thereon or used in connection therewith.

TO HAVE AND TO HOLD unto Assignee, their successors, legal representatives and assigns, subject to the following reservations and agreements, to-wit:

Assignor hereby excepts from this Assignment and reserves and retains unto Assignor an overriding royalty on the oil and gas (including the respective constituent elements produced with the oil and gas) that may be produced, saved and sold from the land covered by said lease.

- (a) On Oil, Seven and One-half percent (7.5%) of 8/8 of all of that produced and saved, the same to be delivered at the wells or to the credit of Assignor into the pipeline to which the wells may be connected; and

08/18/2023

(b) On gas, including casinghead gas or other gaseous substances produced and sold or used off the premises or in the manufacture of gasoline, or other products therefrom, the market value at the well of Seven and One-half percent (7.5%) of 8/8 of all of the gas sold or used.

This Assignment is made without warrant of title, either express or implied, and is subject to all of the terms, stipulations, covenants and conditions of said Leases.

EXECUTED this 4th day of October, 1982.

(This instrument was prepared by Stephen E. Cain, 401 Peoples Building, Charleston, West Virginia, 25301).

MORRIS EXPLORATION COMPANY  
a corporation,

By: \_\_\_\_\_

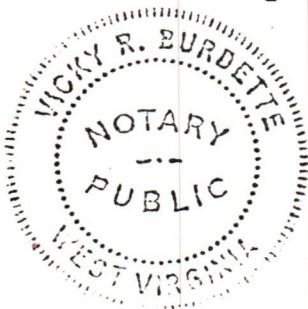
Jim P. Morris  
President

STATE OF WEST VIRGINIA  
COUNTY OF KANAWHA, to-wit:

The foregoing instrument was acknowledged before me this 15th day of November, 1982, by Jim P. Morris, President of MORRIS EXPLORATION COMPANY, a corporation.

My Commission Expires: December 1, 1990

Vicky R Burdette  
NOTARY PUBLIC





UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
WASHINGTON, D. C.

DATE	DESCRIPTION	AMOUNT	ACCOUNT	INITIALS	REMARKS
1941	...	...	...	...	...
1942	...	...	...	...	...
1943	...	...	...	...	...
1944	...	...	...	...	...
1945	...	...	...	...	...
1946	...	...	...	...	...
1947	...	...	...	...	...
1948	...	...	...	...	...
1949	...	...	...	...	...
1950	...	...	...	...	...
1951	...	...	...	...	...
1952	...	...	...	...	...
1953	...	...	...	...	...
1954	...	...	...	...	...
1955	...	...	...	...	...
1956	...	...	...	...	...
1957	...	...	...	...	...
1958	...	...	...	...	...
1959	...	...	...	...	...
1960	...	...	...	...	...
1961	...	...	...	...	...
1962	...	...	...	...	...
1963	...	...	...	...	...
1964	...	...	...	...	...
1965	...	...	...	...	...
1966	...	...	...	...	...
1967	...	...	...	...	...
1968	...	...	...	...	...
1969	...	...	...	...	...
1970	...	...	...	...	...
1971	...	...	...	...	...
1972	...	...	...	...	...
1973	...	...	...	...	...
1974	...	...	...	...	...
1975	...	...	...	...	...
1976	...	...	...	...	...
1977	...	...	...	...	...
1978	...	...	...	...	...
1979	...	...	...	...	...
1980	...	...	...	...	...
1981	...	...	...	...	...
1982	...	...	...	...	...
1983	...	...	...	...	...
1984	...	...	...	...	...
1985	...	...	...	...	...
1986	...	...	...	...	...
1987	...	...	...	...	...
1988	...	...	...	...	...
1989	...	...	...	...	...
1990	...	...	...	...	...
1991	...	...	...	...	...
1992	...	...	...	...	...
1993	...	...	...	...	...
1994	...	...	...	...	...
1995	...	...	...	...	...
1996	...	...	...	...	...
1997	...	...	...	...	...
1998	...	...	...	...	...
1999	...	...	...	...	...
2000	...	...	...	...	...
2001	...	...	...	...	...
2002	...	...	...	...	...
2003	...	...	...	...	...
2004	...	...	...	...	...
2005	...	...	...	...	...
2006	...	...	...	...	...
2007	...	...	...	...	...
2008	...	...	...	...	...
2009	...	...	...	...	...
2010	...	...	...	...	...
2011	...	...	...	...	...
2012	...	...	...	...	...
2013	...	...	...	...	...
2014	...	...	...	...	...
2015	...	...	...	...	...
2016	...	...	...	...	...
2017	...	...	...	...	...
2018	...	...	...	...	...
2019	...	...	...	...	...
2020	...	...	...	...	...
2021	...	...	...	...	...
2022	...	...	...	...	...
2023	...	...	...	...	...

210215

That and ... of the Clerk of the County Commission ...

County of Va. DEC 9 1982

in ... of ...

Received of ...

Book No. 151 285

Reside: Spinda B. May Clerk

08/18/2023

STATE OF WEST VIRGINIA  
OFFICE OF OIL AND GAS  
NOTICE OF EXPIRED PERMIT

9 SEP 85 1:20

RECL. - CHAS.

Permit number: 47- 85-6453  
Company: BUCHANAN, WAYMAN  
Date: 27-Jun-85  
Date issued: 5/11/83

County: RITCHIE  
Farm: OTTIE D MERTZ BICKEL #4  
Well no.:  
Date expired: / / 0

I have inspected the above wellsite and found no well work done. Please cancel this well work permit.

Signed: Samuel M. Heroman  
Date: 9-4-85

08/18/2023



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

September 11, 1985

ARCH A. MOORE, JR.  
 Governor

Wayman Buckhanan  
 444 Petroleum Commerce Building  
 San Antonio, Texas 78205

In Re: Permit No: 47-085-6453  
 Farm: Ottie D.Mertz  
 Well No: Bickel #4  
 District: Grant  
 County: Ritchie  
 Issued: 5-11-83

Gentlemen:

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

XXXXX 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 permit number to the surety company who executed said bond in your behalf, in order that they may give you credit on their records.

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.

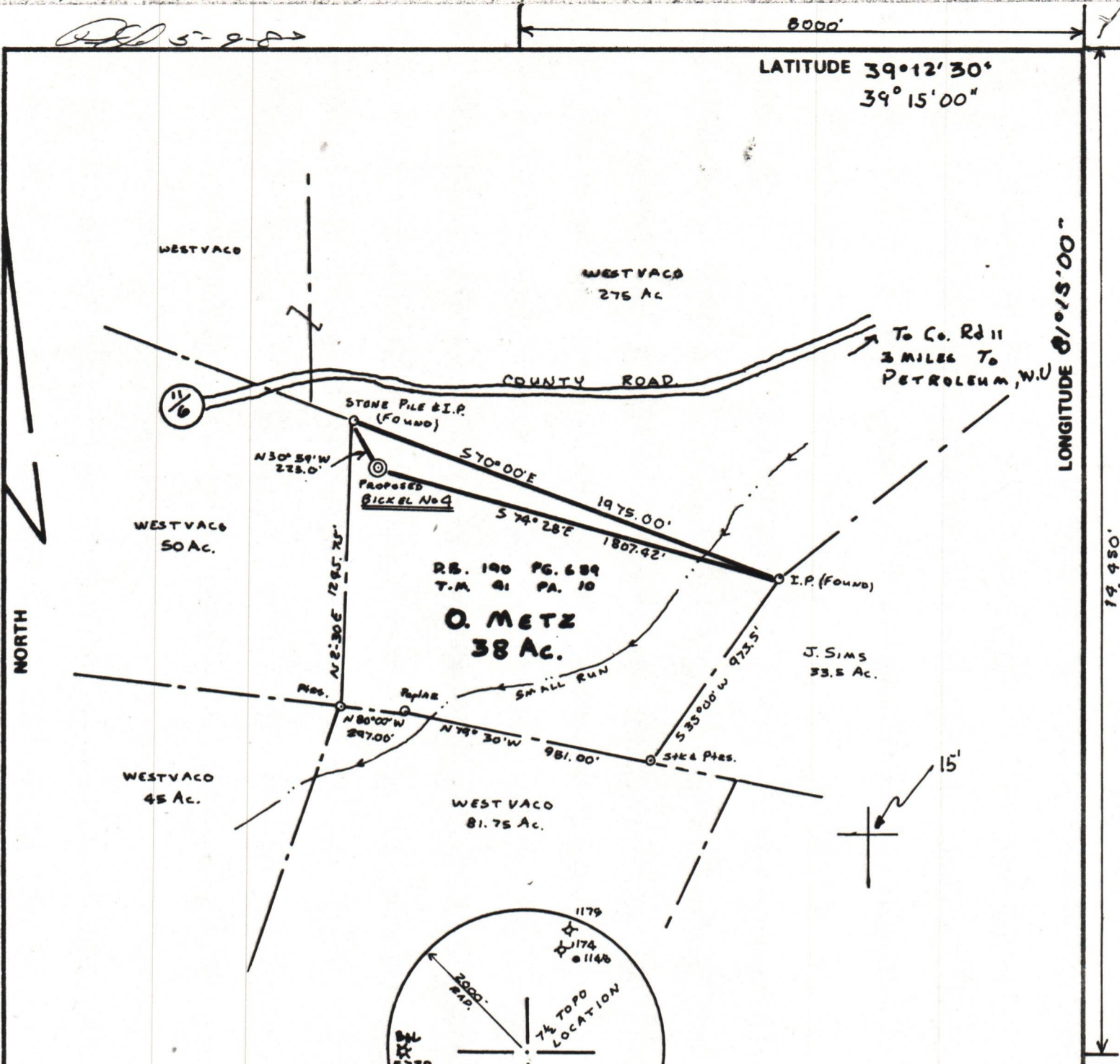
XXXXX PERMIT CANCELLED - NEVER DRILLED

Very truly yours,

Theodore M. Streit

TMS/ nw

08/18/2023



FILE NO. F.B. 36  
 DRAWING NO. 83021  
 SCALE 1" = 600'  
 MINIMUM DEGREE OF ACCURACY 1:200  
 PROVEN SOURCE OF ELEVATION R.D. INTERSECTION 1112 NORTH EAST OF LOCATION

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) Wayne Buchanan  
 R.P.E. \_\_\_\_\_ L.L.S. 434

PLACE SEAL HERE

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



DATE 4-20, 19 83  
 OPERATOR'S WELL NO. BICKEL No. 4  
 API WELL NO. \_\_\_\_\_

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

47 STATE 085 COUNTY 6453 PERMIT  
*Cancelled*

WELL TYPE: OIL  GAS  LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
 (IF "GAS,") PRODUCTION \_\_\_\_\_ STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW   
 LOCATION: ELEVATION 1004.5' WATER SHED BUFFALO RUN  
 DISTRICT GRANT COUNTY RITCHIE  
 QUADRANGLE PETROLEUM (7.5')

SURFACE OWNER OTTIE D. METZ ACREAGE 38 Ac.  
 OIL & GAS ROYALTY OWNER BICKEL EST. LEASE ACREAGE 320 Ac.  
 LEASE NO. \_\_\_\_\_

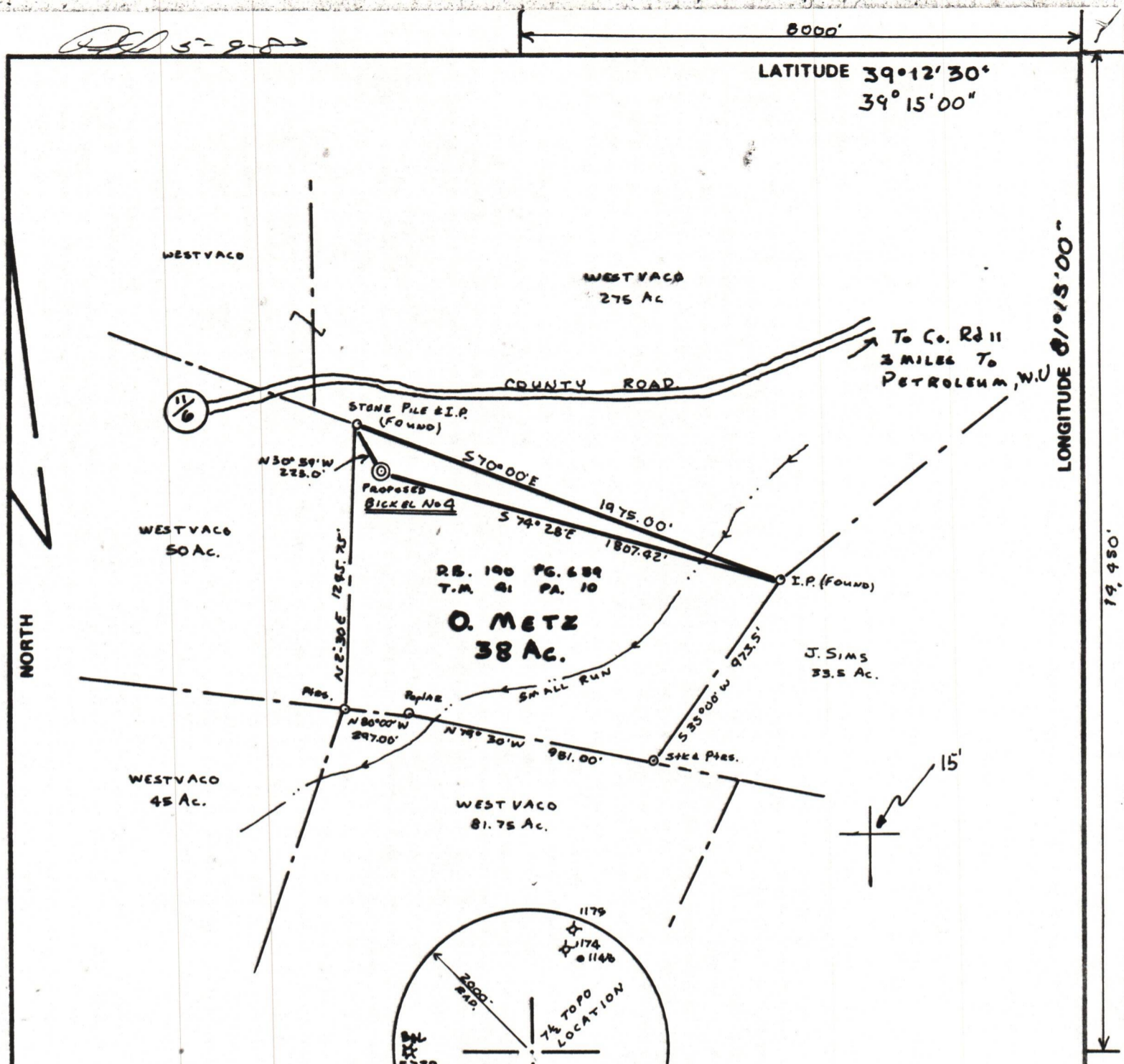
08/18/2023

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 DEVONIAN SHALE ESTIMATED DEPTH 5100'  
 WELL OPERATOR WAYMAN BUCHANAN DESIGNATED AGENT LEROY HOPKINS  
 ADDRESS SAN ANTONIA, TEXAS ADDRESS KENNA, WVA.

19 450'

RIT, 6453



FILE NO. F.B. 36  
 DRAWING NO. 83021  
 SCALE 1" = 600'  
 MINIMUM DEGREE OF ACCURACY 1:200  
 PROVEN SOURCE OF ELEVATION R.D. INTERSECTION 1112 NORTH EAST OF LOCATION

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) Wayne Buchanan  
 R.P.E. \_\_\_\_\_ L.L.S. 434

PLACE SEAL HERE

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



STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

DATE 4-20, 1983  
 OPERATOR'S WELL NO. BICKEL No. 4  
 API WELL NO.

47 085 - 6453  
 STATE COUNTY PERMIT  
Cancelled

WELL TYPE: OIL  GAS  LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
 (IF "GAS,") PRODUCTION \_\_\_\_\_ STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW   
 LOCATION: ELEVATION 1004.5' WATER SHED BUFFALO RUN  
 DISTRICT GRANT COUNTY RITCHIE  
 QUADRANGLE PETROLEUM (7.5')

SURFACE OWNER OTTIE D. METZ ACREAGE 38 Ac.  
 OIL & GAS ROYALTY OWNER BICKEL EST. LEASE ACREAGE 320 Ac.  
 LEASE NO. \_\_\_\_\_

08/18/2023

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 DEVONIAN SHALE ESTIMATED DEPTH 5100'  
 WELL OPERATOR WAYMAN BUCHANAN DESIGNATED AGENT LEROY HOPKINS  
 ADDRESS SAN ANTONIA, TEXAS ADDRESS KENNA, WVA.

19.461

RIT. 6453