

(Obverse)

(Revised 3-81)



Farm Moats #4  
API #47 - 085 - 5897  
Date 9/20/82

STATE OF WEST VIRGINIA  
OFFICE OF OIL AND GAS - DEPARTMENT OF MINES

# OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil X / Gas X /

(If "Gas", Production X / Underground storage \_\_\_ / Deep \_\_\_ / Shallow X /)

LOCATION: Elevation: 1123.69 Watershed: Elm Run  
District: Grant County: Ritchie Quadrangle: Cairo 7.5'

WELL OPERATOR Wayman W. Buchanan  
Address 444 Petroleum Commerce Building  
San Antonio, Texas 78205

DESIGNATED AGENT Jim P. Morris  
Address 401 Peoples Buildign  
Charleston, WV 25301

OIL AND GAS ROYALTY OWNER Jeffrey L. Moats, etal  
Address Rt. 1  
Harrisville, WV  
Acreage 66

COAL OPERATOR None  
Address \_\_\_\_\_

SURFACE OWNER Same as above  
Address \_\_\_\_\_  
Acreage 66

COAL OWNER(S) WITH DECLARATION ON RECORD:  
NAME \_\_\_\_\_  
Address \_\_\_\_\_  
NAME \_\_\_\_\_  
Address \_\_\_\_\_

FIELD SALE (IF MADE) TO:  
NAME \_\_\_\_\_  
Address \_\_\_\_\_

COAL LESSEE WITH DECLARATION ON RECORD:  
NAME \_\_\_\_\_  
Address \_\_\_\_\_

OIL AND GAS INSPECTOR TO BE NOTIFIED:  
NAME Samuel N. Hersman  
Address P. O. Box 66  
Smithville, WV 26178  
Telephone 477-3597

**RECEIVED**

SEP 20 1982

OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

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 11/23, 1981 to the undersigned well operator from JEFFREY L. Moats, etal

(If said deed, lease, or other contract has been recorded:)

Recorded on 2/2, 1982, in the office of the Clerk of County Commission of Ritchie County, West Virginia, in 141 Book at page 140. A permit is requested as follows:

PROPOSED WORK: Drill X / 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 receipt of this Application by the Department 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 lessees on or before the day of the mailing or delivery of this Application to the Department of Mines at Charleston, West Virginia.

04/12/2024

PLEASE SUBMIT COPIES OF ALL PHYSICAL LOGS DIRECTLY TO:  
WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION  
13 WASHINGTON ST., E.  
CHARLESTON, WV 25311  
Telephone - 304/348-3092

Wayman W. Buchanan  
Well Operator

By: Jim P. Morris *J.P. Morris*

As: Designated Agent

**BLANKET BOND**

PROPOSED WORK ORDER

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

DRILLING CONTRACTOR (IF KNOWN) Clint Hurt

Address Edens Fork, WV

GEOLOGICAL TARGET FORMATION Alexander Shale

Estimated depth of completed well 4800 feet. Rotary X / Cable tools /

Approximate water strata depths: Fresh, 150, 395 feet; salt, 1900 feet.

Approximate coal seam depths: None

Is coal being mined in this area: Yes / No X /

CASING AND TUBING PROGRAM

Table with columns: CASING OR TUBING TYPE, SPECIFICATIONS (Size, Grade, Weight, New, Used), FOOTAGE INTERVALS (For Drill-ling, Left in Well), CEMENT FILL-UP OR SACKS (Cubic ft.), PACKERS (Kinds, Sizes, Depths set, 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 5-21-83.
BY [Signature]

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:

W A I V E R

I, 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 coal operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: , 19 .

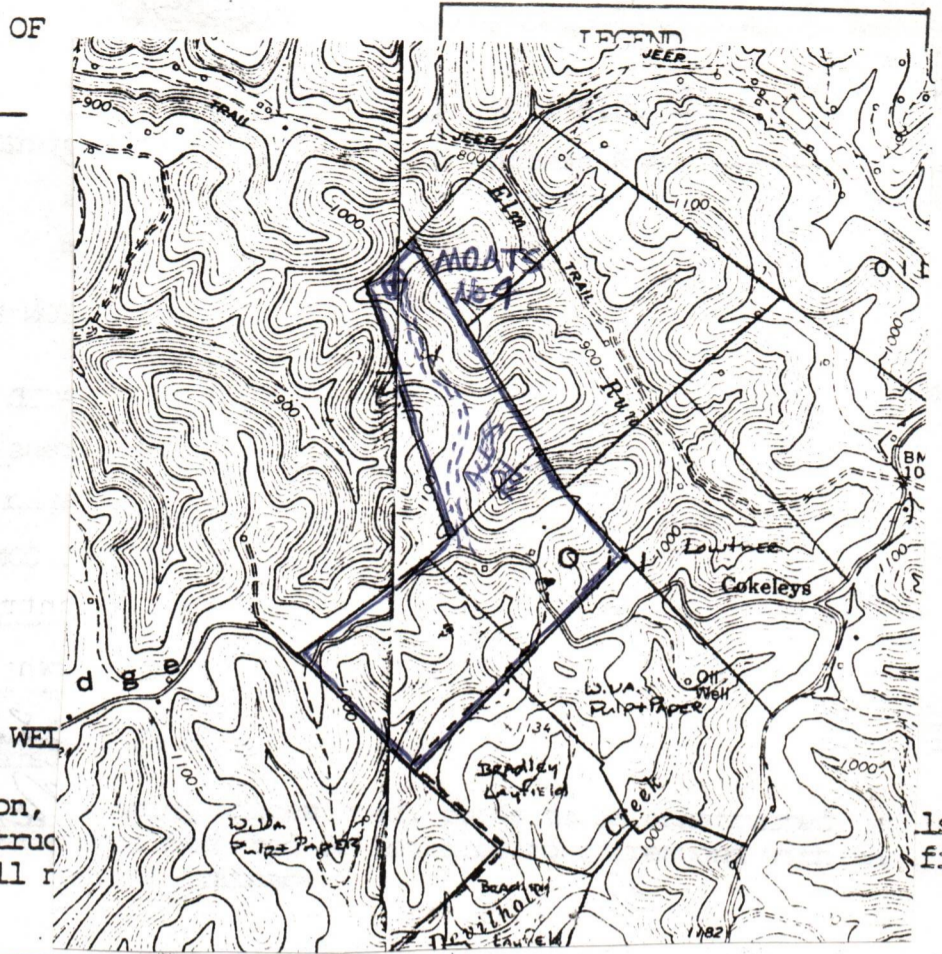
By:

Its:

04/12/2024

BLANKET BOND

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE CAIRO (7.5')



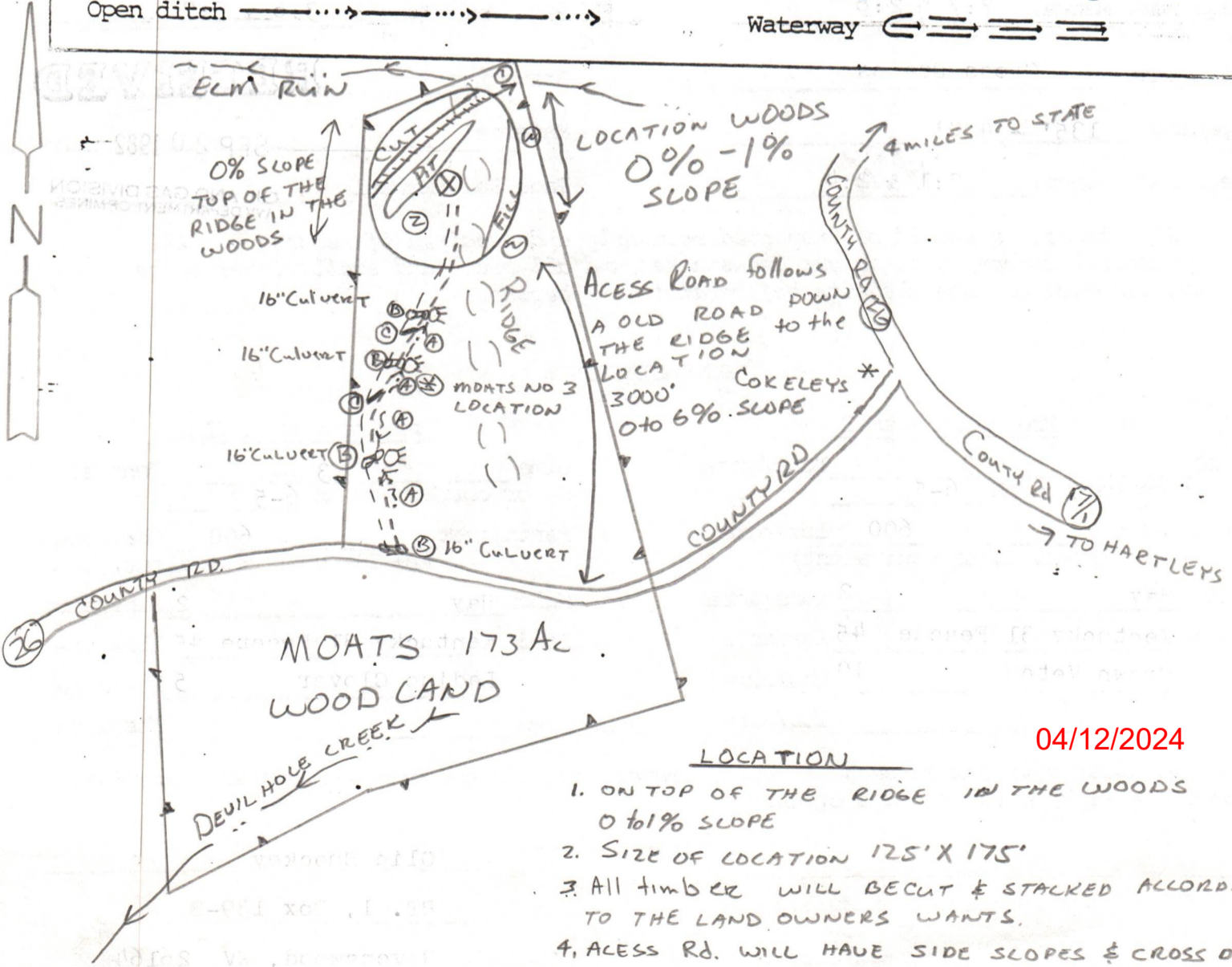
Sketch to include well location, drilling pits and necessary structure part of this plan. Include all

1 site, first

**LEGEND**

- Property boundary
- Road
- Existing fence
- Planned fence
- Stream
- Open ditch

- Diversion
- Spring
- Wet spot
- Building
- Drain pipe
- Waterway



04/12/2024

LOCATION

1. ON TOP OF THE RIDGE IN THE WOODS 0 to 1% SLOPE
2. SIZE OF LOCATION 125' X 175'
3. ALL timber will BE CUT & STACKED ACCORDING TO THE LAND OWNERS WANTS.
4. ACCESS RD. WILL HAVE SIDE SLOPES & CROSS DRAINS
5. RECLAMATION WILL BE DONE 6 MONTHS AFTER WELL IS COMPLETED.



IV-9  
(Rev 8-81)

DATE Sept. 15, 1982

WELL NO. Moats No. 4

State of West Virginia

API NO. 47-085-5897

Department of Mines  
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Wayman Buchanan  
Address San Antonio, Texas  
Telephone 512-223-3897

DESIGNATED AGENT Jim P. Morris  
Address Charleston, WV  
Telephone 345-6631

LANDOWNER Jeff Moats  
Revegetation to be carried out by Unknown Contractor

SOIL CONS. DISTRICT Little Kanawha  
(Agent)

This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan: 9-17-82

(Date)

Jarrett Newton  
(SCD Agent)

ACCESS ROAD

LOCATION

Structure Drainage Ditch (A)  
Spacing \_\_\_\_\_  
Page Ref. Manual 2:12

Structure Diversion Ditch (1)  
Material Earthen  
Page Ref. Manual 2:12

Structure Culvert (B)  
Spacing 12" Min-30" Mas I. D.  
Page Ref. Manual 2:7 & 2:8

Structure \_\_\_\_\_ (2)  
Material Straw  
Page Ref. Manual 3:6 & 3:7

Structure Cross Drains (C)  
Spacing 135' - 400'  
Page Ref. Manual 2:1 & 2:4

Structure RECEIVED (B)  
Material \_\_\_\_\_  
Page Ref. Manual \_\_\_\_\_

OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

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 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

04/12/2024

\*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

304-273-2246

PHONE NO. \_\_\_\_\_

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

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

RECEIVED

JUL 26 1983

OIL & GAS DIVISION  
DEPT. OF MINES

*Final*  
INSPECTOR'S WELL REPORT

Permit No. 085 5897

Oil or Gas Well \_\_\_\_\_  
(KIND)

|   |   |                  |              |                      |
|---|---|------------------|--------------|----------------------|
| Company <u>Buchanan</u>                                 | CASING AND TUBING   | USED IN DRILLING | LEFT IN WELL | PACKERS              |
| Address _____   | Size  |                  |              |                      |
| Farm <u>4 Jeffrey L. MISTGATE</u>                       | 16  |                  |              | Kind of Packer _____ |
| Well No. <u>4</u>                                       | 13  |                  |              |                      |
| District <u>Grant</u> County <u>Putnam</u>              | 10  |                  |              | Size of _____        |
| Drilling commenced _____                                | 8 1/4   |                  |              |                      |
| Drilling completed _____ Total depth _____              | 6 3/8   |                  |              | 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 _____ feet _____ feet                       | NAME OF SERVICE COMPANY _____                             |                  |              |                      |
| Salt water _____ feet _____ feet                        | COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES           |                  |              |                      |
|   | _____ FEET _____ INCHES _____ FEET _____ INCHES           |                  |              |                      |
|   | _____ FEET _____ INCHES _____ FEET _____ INCHES           |                  |              |                      |

Drillers' Names \_\_\_\_\_

Remarks: 7 21 83 NOT Drilled,

OK To Release permit copies.

7 21 83  
DATE

James T. [Signature]  
04/12/2024  
DISTRICT WELL INSPECTOR

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 |
|                             |           |      |                       |                   |      |      |
|                             |           |      |                       |                   |      |      |
|                             |           |      |                       |                   |      |      |
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|                             |           |      |                       |                   |      |      |
|                             |           |      |                       |                   |      |      |
|                             |           |      |                       |                   |      |      |

Drillers' Names \_\_\_\_\_

Remarks:

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

04/12/2024  
DISTRICT WELL INSPECTOR



State of West Virginia  
Department of Mines  
Oil and Gas Division  
Charleston 25305

WALTER N. MILLER  
DIRECTOR

THEODORE M. STREET  
ADMINISTRATOR

August 22, 1983

Wayman W. Buchanan  
P. O. Box 106  
Kenna, W. Va. 25248

In Re: PERMIT NO: 47-085-5897  
FARM: Jeffrey L. Moats, et al  
WELL NO: 4  
DISTRICT: Grant  
COUNTY Ritchie

Gentlemen:

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

XXXXXX The well designated by the above permit number has been released under your Blanket Bond. (Permit Cancelled - Never Drilled.)

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 22, Article 4, Section 2, the above captioned well will remain under bond coverage for life of the well.

Very truly yours,

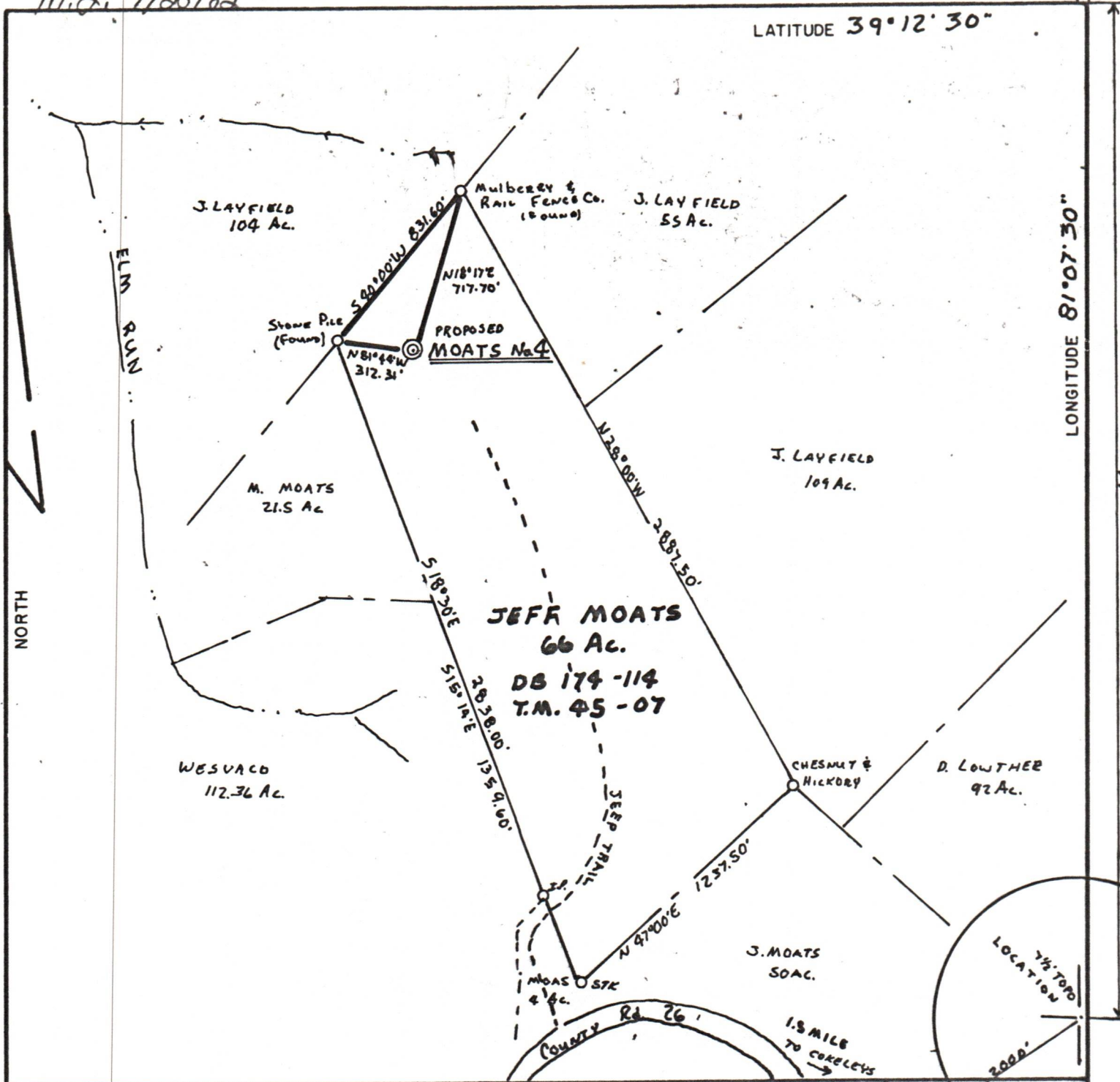
Theodore M. Street, Administrator  
Office of Oil & Gas-Dept. Min

04/12/2024

M.L. 9/20/82

LATITUDE 39°12'30"

LONGITUDE 81°07'30"



FILE NO. F.B. 35  
 DRAWING NO. B2110  
 SCALE 1" = 600'  
 MINIMUM DEGREE OF ACCURACY 1:200  
 PROVEN SOURCE OF ELEVATION TOP OF RIDGE 1200' SOUTH 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) Jim P. Buchanan  
 G.P.E. \_\_\_\_\_ L.L.S. 434

PLACE SEAL HERE

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



Department of Mines  
 Oil & Gas Division

DATE 9-18, 19 82  
 OPERATOR'S WELL NO. MOATS No. 4  
 API WELL NO. 47-085-5897  
 STATE COUNTY PERMIT

**CANCELLED**

WELL TYPE: OIL  GAS  LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
 (IF "GAS", PRODUCTION \_\_\_\_\_ STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW   
 LOCATION: ELEVATION 1123.69' WATER SHED ELM RUN  
 DISTRICT GRANT COUNTY RITCHIE  
 QUADRANGLE CAIRO (7.5')  
 SURFACE OWNER JEFF MOATS ACREAGE 66  
 OIL & GAS ROYALTY OWNER JEFF MOATS & SHRADER HEIRS LEASE ACREAGE 66 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 ALEXANDER ESTIMATED DEPTH 5000'  
 WELL OPERATOR WAYMAN BUCHANAN DESIGNATED AGENT JIM P. MORRIS  
 ADDRESS SAN ANTONIO, TEXAS ADDRESS CHARLESTON, W.VA.

04/12/2024

1430'

PLAT 5844