



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

OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil ___ / Gas x /

(If "Gas", Production x / Underground storage ___ / Deep ___ / Shallow x)

LOCATION: Elevation: 1140.5 Watershed: Devils Hole Creek & Elm Run
District: Grant County: Ritchie Quadrangle: Harrisville (7 1/2')

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

DESIGNATED AGENT Jim P. Morris
Address 414 Peoples Building
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

FIELD SALE (IF MADE) TO:
NAME
Address

NAME
Address

OIL AND GAS INSPECTOR TO BE NOTIFIED:
NAME Deo Mace
Address Rt. 1, Box 5
Sandbridge, WV 25274
Telephone 655-7398

COAL LESSEE WITH DECLARATION ON RECORD:
NAME
Address

RECEIVED

JUN - 7 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 Dept. 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 lessees on or before the day of the mailing or delivery of this Application to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION
1613 WASHINGTON ST., E.
CHARLESTON, WV 25311

BLANKET BOND

Wayman W. Buchanan

Well Operator

By: Jim P. Morris

Its: Designated Agent

04/19/2024

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 Marcellus 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 /

DRILLING AND TUBING PROGRAM

Table with columns: DRILLING OR TUBING TYPE, SPECIFICATIONS (Size, Grade, Weight per ft, New, Used), FOOTAGE INTERVALS (For Drilling, 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 2-14-83
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, 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 coal operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

04/19/2024

Date: _____, 19____.

By: _____

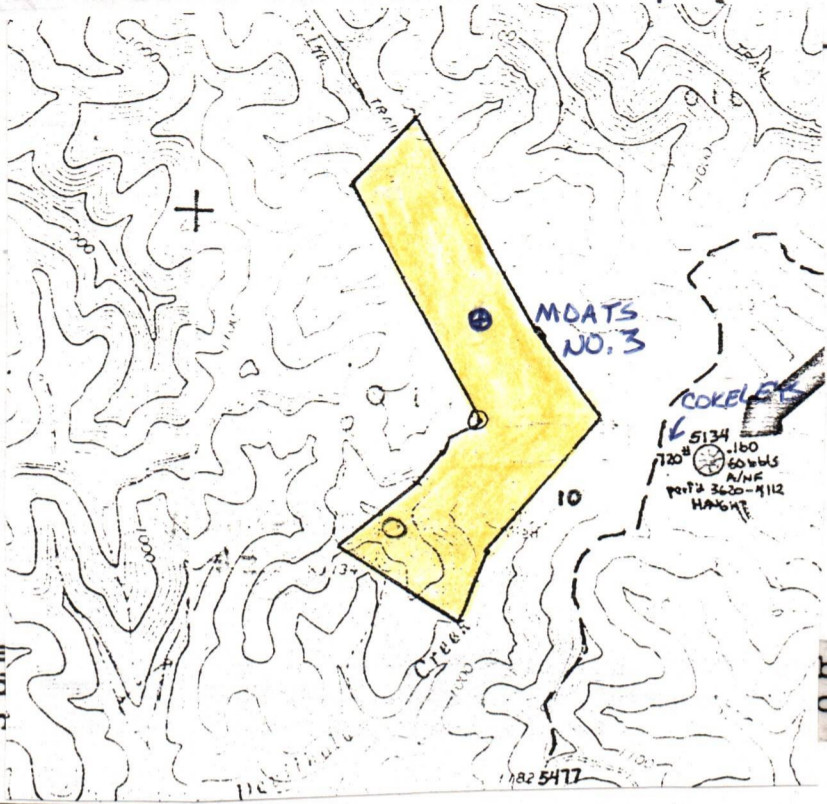
Its: _____

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

LEGEND

Well Site ⊕

Road ———

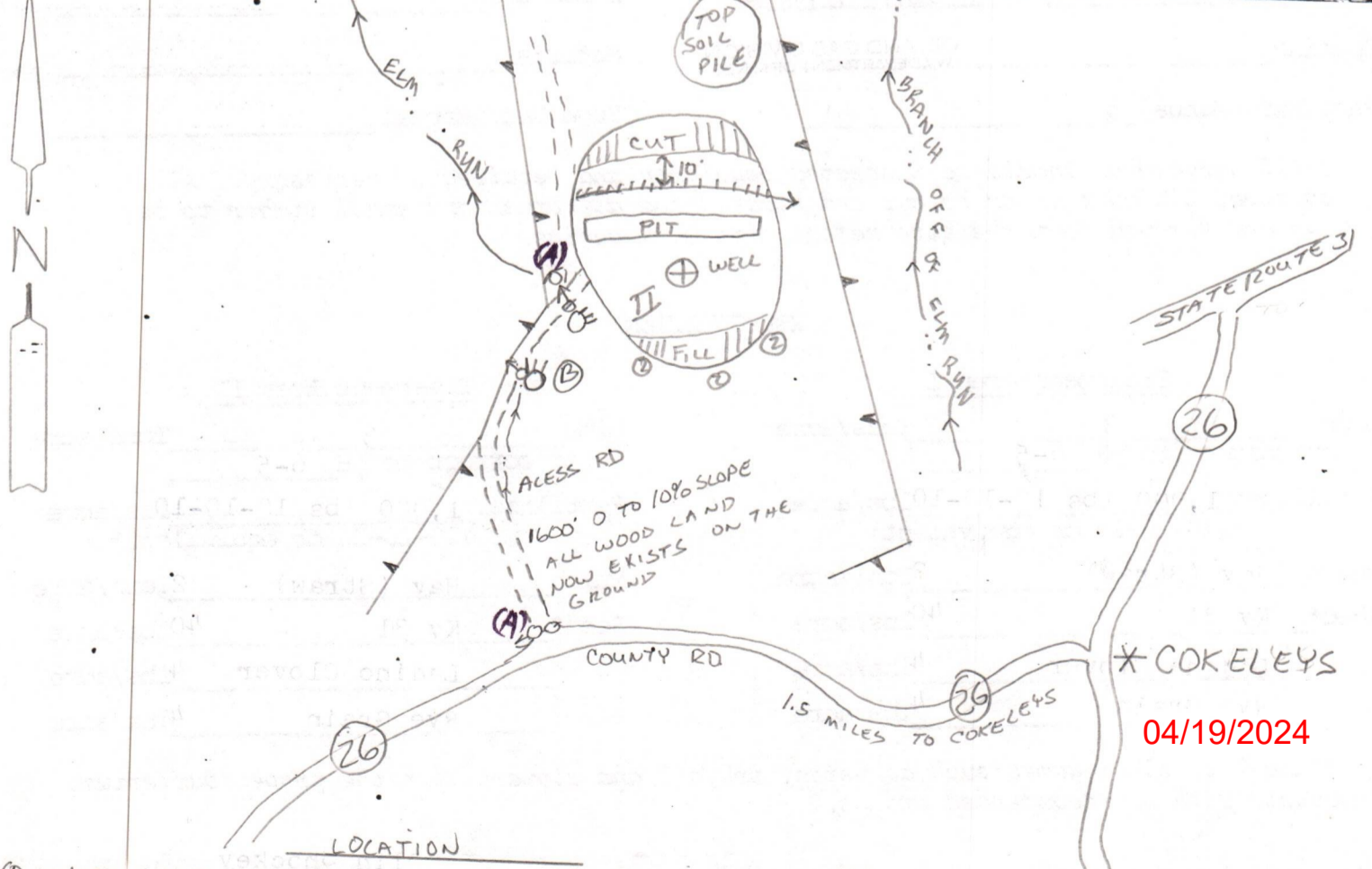


Sketch to include drilling pits and part of this plan

be constructed, wellsite, correspond with the first

LEGEND

Property boundary ———	Diversion ———
Road = = = = =	Spring ⊕ →
Existing fence — x — x —	Wet spot ⊕
Planned fence — / — / —	Building ■
Stream ~ ~ ~ ~ ~	Drain pipe — ○ — ○ — ○ — →
Open ditch — ···· → — ···· → — ···· →	Waterway ⊕ ⊕ ⊕ ⊕ ⊕



- LOCATION**
- ① WOOD LAND LOCATION ON TOP OF RIDGE 0% 30% SLOPE, WOODLAND
 - ② SIZE OF LOCATION. 150' X 200'
 - ③ ACCESS RD. IS 1600' LONG 0 TO 10% SLOPE THROUGH THE WOODS TO HAVE SIDE SLOPES & CROSS DRAIN. (RD NOW EXISTS AS LOG RD)
 - ④ RECLAMATION WILL BE DONE 6 MONTHS AFTER WELL IS COMPLETED



DATE June 4, 1982

WELL NO. Moats No. 3

State of West Virginia

API NO. 47-085-5690

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: 6-5-82

(Date)
Jarrett Newton
(SCD Agent)

ACCESS ROAD

LOCATION

Structure Culvert (A)
Spacing 12" Steel
Page Ref. Manual 1:7 & 1:5

Structure Diversion Ditch (1)
Material Earthen
Page Ref. Manual 1-9

Structure Ditches along roads (B)
Spacing _____
Page Ref. Manual 1:11

Structure _____ (2)
Material Straw
Page Ref. Manual 1:15 & 1:16

Structure _____ (C)
Spacing _____
Page Ref. Manual _____

Structure _____ (3)
Material _____
Page Ref. Manual _____

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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

Lime 3 Tons/acre
or correct to pH 6-5
Fertilizer 1,000 lbs 10-10-10 lbs/acre
(10-20-20 or equivalent)
Mulch Hay (Straw) 2 Tons/acre
Seed* Ky 31 40 lbs/acre
Ladino Clover 4 lbs/acre
Rye Grain 4 lbs/acre

Treatment Area II

Lime 3 Tons/acre
or correct to pH 6-5
Fertilizer 1,000 lbs 10-10-10 lbs/acre
(10-20-20 or equivalent)
Mulch Hay (Straw) 2 Tons/acre
Seed* Ky 31 40 lbs/acre
Ladino Clover 4 lbs/acre
Rye Grain 4 lbs/acre

*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
PHONE NO. 304-273-2246

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

04/19/2024

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

RECEIVED

JUL 26 1983

Final
INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 085 5690

Oil or Gas Well _____
(KIND)

Company <u>Buchanan</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>Jeffrey L. Montgomerie</u>	16			Kind of Packer _____
Well No. <u>M-3</u>	13			
District <u>Grant</u> County <u>Ritchie</u>	10			Size of _____
Drilling commenced _____	8 1/4			
Drilling completed _____ Total depth _____	6 5/8			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 Expires

CANCEL

7 21 83

DATE

Jeffrey T. Bell
04/19/2024
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: 47-085-5690
 FARM: Jeffrey L. Moats, et al
 WELL NO: 3
 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:

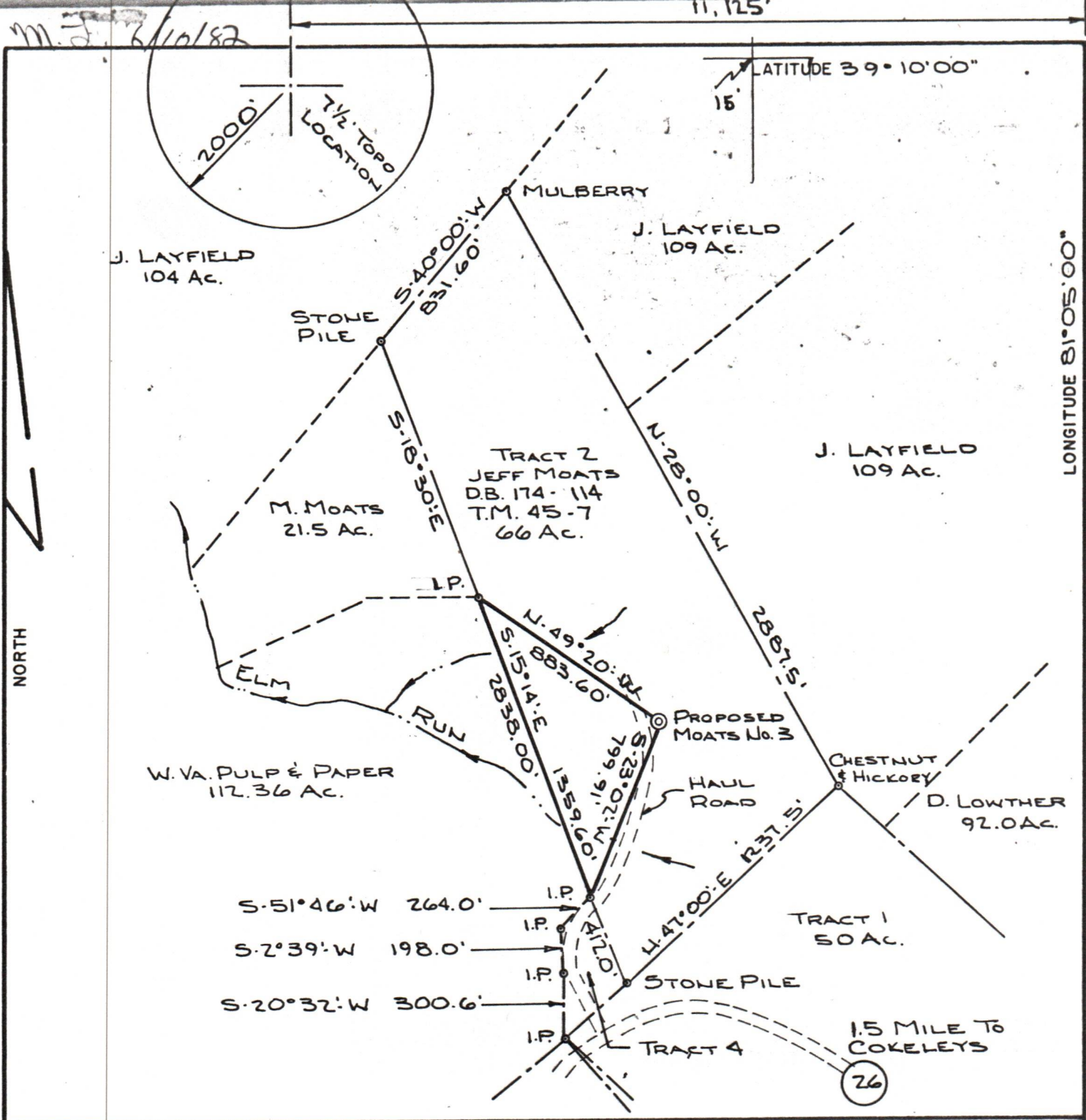
XXXXXX The well designated by the above permit number has been released under your Blanket Bond. (Permit Cancelled - Never Drilled.)

_____ 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. 04/19/2024



FILE NO. F.B. 32
 DRAWING NO. 82079
 SCALE 1" = 600'
 MINIMUM DEGREE OF ACCURACY 1" = 200'
 PROVEN SOURCE OF ELEVATION TOP OF RIDGE 1700' 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) Wayman 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)



Department of Mines
 Oil & Gas Division

DATE 6-3, 1982
 OPERATOR'S WELL NO. MOATS NO. 3
 API WELL NO. 47-085-5690
 STATE COUNTY PERMIT
CANCELLED

WELL TYPE: OIL _____ GAS X LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS", PRODUCTION _____ STORAGE _____ DEEP _____ SHALLOW X)
 LOCATION: ELEVATION 1140.5 WATER SHED DEVILS HOLE CREEK & ELM RUN
 DISTRICT GRANT COUNTY RITCHIE
 QUADRANGLE HARRISVILLE (7.5')
 SURFACE OWNER JEFF MOATS ACREAGE 66
 OIL & GAS ROYALTY OWNER JEFF MOATS & SHRADER HEIRS LEASE ACREAGE 66
 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 MARCELLUS SHALE ESTIMATED DEPTH 4800'
 WELL OPERATOR WAYMAN BUCHANAN DESIGNATED AGENT JIM P. MORRIS
 ADDRESS SAN ANTONIO, TEXAS ADDRESS CHARLESTON, W.VA.