



Date: August 30, 19 82

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

Operator's Well No. Maze #1

API Well No. 47 085 5869 State County Permit

STATE OF WEST VIRGINIA DEPARTMENT OF MINES, OIL AND GAS DIVISION OIL AND GAS WELL PERMIT APPLICATION

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

LOCATION: Elevation: 1036 Watershed: Lowthers Run District: Murphy County: Ritchie Quadrangle: MacFarlan

WELL OPERATOR Eagle Petroleum Company Address P.O. Box 1049 Parkersburg, W. Va. 26102 DESIGNATED AGENT R. D. Mandrake Address P.O. Box 1049 Parkersburg, W. Va. 26102

OIL & GAS ROYALTY OWNER George Maze Address Petroleum, W. Va. COAL OPERATOR NA Address

ACREAGE 138 COAL OWNER(S) WITH DECLARATION ON RECORD:

SURFACE OWNER Westvaco Address Acreage 237.8 Name Address RECEIVED SEP 3 1982

FIELD SALE (IF MADE) TO: Address OIL AND GAS DIVISION WV DEPARTMENT OF MINES

OIL & GAS INSPECTOR TO BE NOTIFIED Name Address COAL LESSEE WITH DECLARATION ON RECORD: Name Address

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed / lease other contract X / dated July 16, 19 82, to the undersigned well operator from Reserve Exploration Corp.

(IF said deed, lease, or other contract has been recorded:) Recorded on July 21, 19 82, in the office of the Clerk of the County Commission of Ritchie County, West Va., in Lease Book 146 at page 404. A permit is requested as follows:

PROPOSED WORK: Drill / Drill deeper / Redrill / Fracture or stimulate / Plug off old formation / Perforate new formation / Other physical change in well (specify) -planned as shown on the work order on the reverse side hereof.

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

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

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO: WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION 1615 WASHINGTON STREET EAST CHARLESTON, WV 25311 TELEPHONE: (304) 348-3092

04/12/2024 Eagle Petroleum Company Well Operator By [Signature] Its Operations Manager

BLANKET BOND

(12-81)

**PROPOSED WORK ORDER**

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

DRILLING CONTRACTOR (IF KNOWN) C H M Drilling Co.

Address Marietta, Ohio 45750

GEOLOGICAL TARGET FORMATION, Marcellus Shale

Estimated depth of completed well, 5900 feet Rotary X / Cable tools \_\_\_\_\_ /

Approximate water strata depths: Fresh, 70 feet; salt, 1400 feet.

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

**CASING AND TUBING PROGRAM**

CASING OR TUBING TYPE	SPECIFICATIONS			New		FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft	Used	For drilling	Left in well			
Conductor	13 <sup>3</sup> / <sub>8</sub>			X		40	40	15 SX	Kinds
Fresh Water	8 <sup>5</sup> / <sub>8</sub>		23#	X		1250	1200	To Surface	
Coal									Sizes
Intermediate									
Production	4 <sup>1</sup> / <sub>2</sub>		10.5	X		5920	5900	As required	Depths set
Tubing								by Reg. 15.01	
Liners									Perforations:
									Top Bottom

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

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

**THIS PERMIT MUST BE POSTED AT THE WELL SITE.**  
**ALL PROVISIONS BEING IN ACCORDANCE WITH CHAPTER 22,**  
**ARTICLE 4 OF THE W. VA. CODE, THE LOCATION IS HEREBY**  
**APPROVED FOR Drilling. THIS PERMIT SHALL EXPIRE**  
**IF OPERATIONS HAVE NOT COMMENCED BY 5-8-83.**  
**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.

**WAIVER**

The undersigned coal operator \_\_\_\_\_ / owner \_\_\_\_\_ / lessee \_\_\_\_\_ / of the coal under this well location **04/12/2024** 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.

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

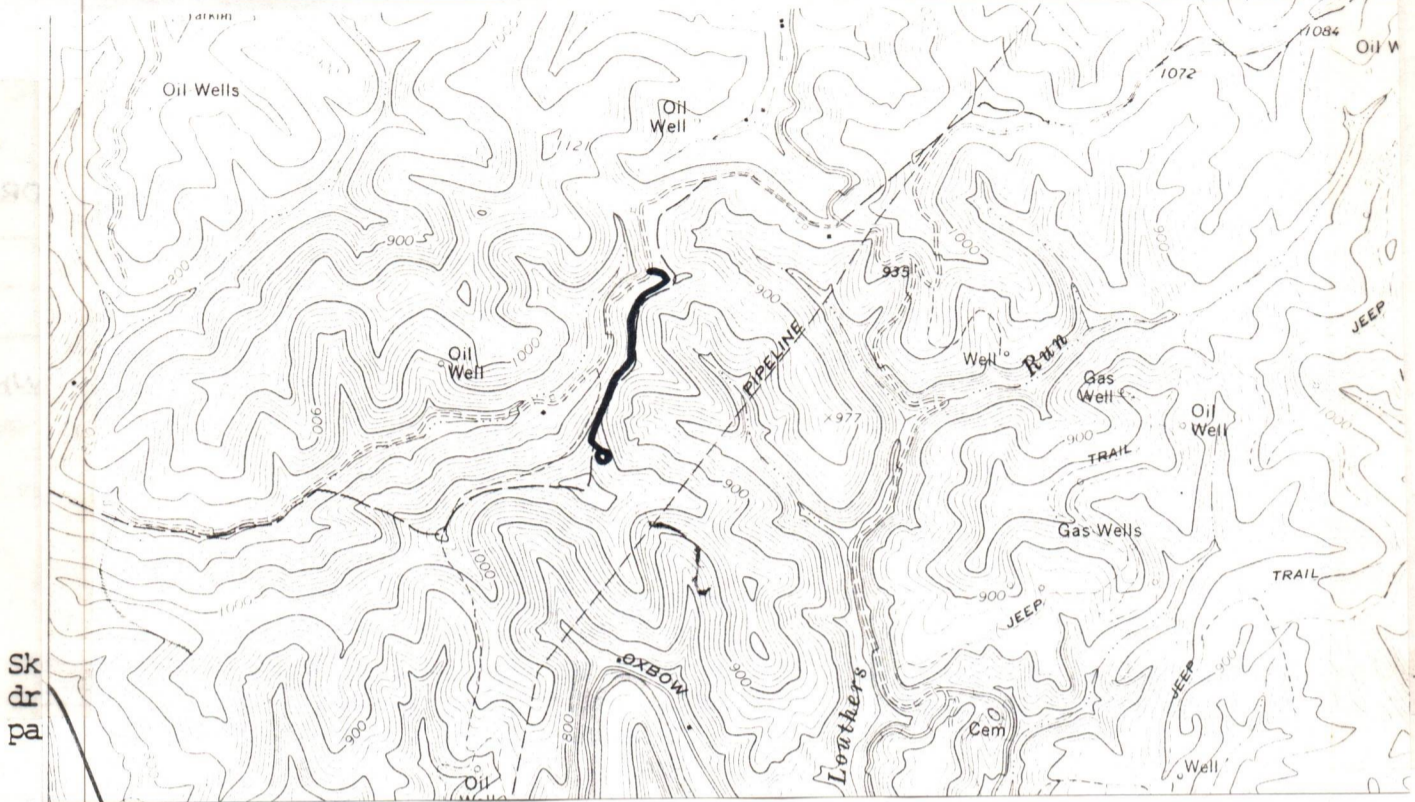
By \_\_\_\_\_  
Its \_\_\_\_\_

*File*

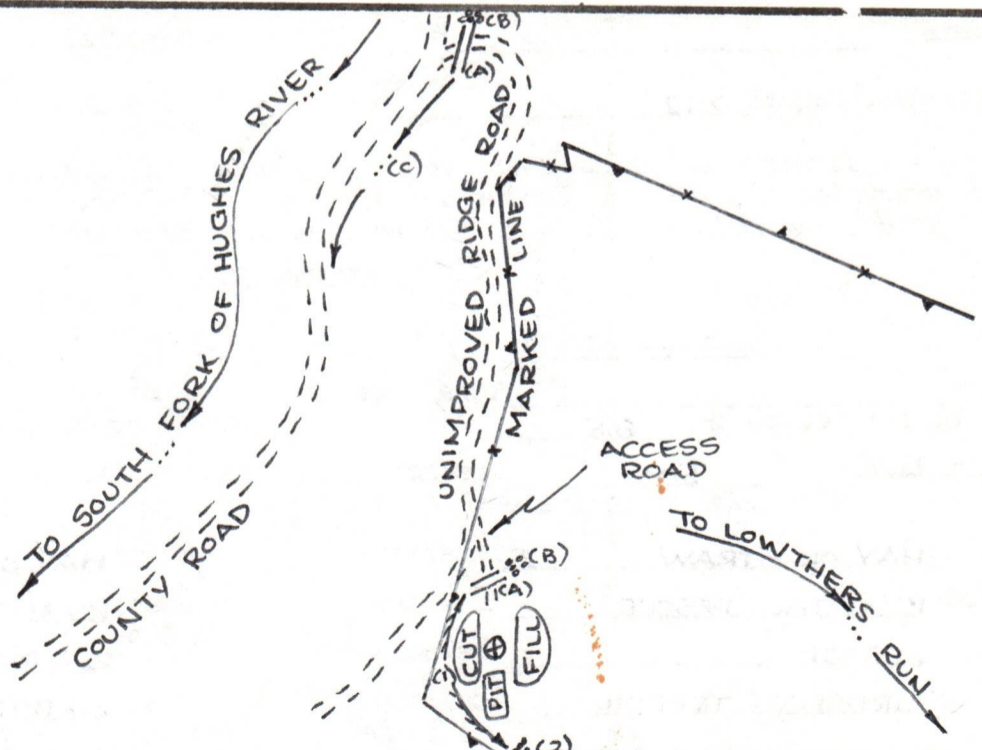
CLARENCE BURNS

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE MACFARLAN

LEGEND  
WELL SITE ⊕ ACCESS ROAD —



LEGEND	
Property boundary	—▲▲▲▲—
Road	== == == == ==
Existing fence	—x—x—
Planned fence	—/—/—/—/—
Stream	~ ~ ~ ~ ~
Open ditch	—••••—••••—••••—
Diversion	//// //// //// ////
Spring	○→
Wet spot	♂
Building	■
Drain pipe	—○—○—○—○—
Waterway	≡ ≡ ≡ ≡ ≡



- Comments:
1. LENGTH OF ACCESS ROAD 2000'
  2. BRUSH AND TREES TO BE PILED AT SITE.
  3. \_\_\_\_\_
  4. \_\_\_\_\_
  5. \_\_\_\_\_

04/12/2024



IV-9  
(Rev 8-81)

DATE 23 AUGUST, 1982

WELL NO. MAZE #1

API NO. 47 - 085 - 5869

State of West Virginia  
Department of Mines  
Oil and Gas Division  
Construction & Reclamation Plan

COMPANY NAME EAGLE PETROLEUM  
ADDRESS P.O. BOX 1049

DESIGNATED AGENT RICHARD D. MANDRAKE  
ADDRESS P.O. BOX 1049

PARKERSBURG, W.VA. 26101  
Telephone (304) 485-6600

PARKERSBURG, W.VA. 26101  
Telephone (304) 485-6600

LANDOWNER WESTVACO

SOIL CONS. DISTRICT LITTLE KANAWHA

Revegetation to be carried out by WHIPKEY & SON (Agent)

This plan has been reviewed by Little Kanawha SCD. All corrections  
and additions become a part of this plan: 8-28-82  
(Date)

Jarrett Newlon  
(SCD Agent)

ACCESS ROAD	LOCATION
Structure <u>CULVERT</u> Spacing <u>45' TO 400' (AS NEEDED)</u> Page Ref. Manual <u>2:1</u>	(A) Structure <u>DIVERSION DITCH</u> (1) Material <u>SOIL</u> Page Ref. Manual <u>2:12</u>
Structure <u>RIP-RAP (STONE-LOGS)</u> Spacing <u>SAME AS CROSS DRAIN</u> Page Ref. Manual <u>N/A 2-10</u>	(B) Structure <u>RIP-RAP</u> (2) Material <u>ROCK-LOGS</u> Page Ref. Manual <u>N/A 2-10</u>
Structure <u>DRAINAGE DITCH</u> Spacing _____ Page Ref. Manual <u>2:12</u>	(C) Structure _____ (3) Material _____ Page Ref. Manual _____

RECEIVED

SEP 3 1982  
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	Tons/acre
or correct to pH <u>6.5</u>	
Fertilizer <u>500</u>	lbs/acre
(10-20-20 or equivalent)	
Mulch <u>HAY OR STRAW</u> <u>2</u>	Tons/acre
Seed* <u>KY 31 TALL FESCUE</u>	lbs/acre
<u>REDFEET</u>	lbs/acre
<u>BIRDSFOOT TREFOIL</u>	lbs/acre

Treatment Area II

Lime	Tons/acre
or correct to pH <u>6.5</u>	
Fertilizer <u>500</u>	lbs/acre
(10-20-20 or equivalent)	
Mulch <u>HAY OR STRAW</u> <u>2</u>	Tons/acre
Seed* <u>KY 31 TALL FESCUE</u> <u>40</u>	lbs/acre
<u>REDFEET</u> <u>5</u>	lbs/acre
<u>BIRDSFOOT TREFOIL</u> <u>10</u>	lbs/acre

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

04/12/2024

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

PLAN PREPARED BY WILLIAM R. MOSSOR, L.L.S.  
ADDRESS 106 NORTH SPRING STREET  
HARRISVILLE, W.VA. 26362  
PHONE NO. (304) 643-4572



State of West Virginia

Department of Mines

Oil and Gas Division

Charleston 25305

085-5869

Yes \_\_\_ / No X / The right to extract, produce or market the oil or gas is based upon a lease or leases 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 and gas so extracted, produced or marketed.

If the answer to this question is yes, you may use this affidavit.

RECEIVED

SEP 3 1982

OIL AND GAS DIVISION WV DEPARTMENT OF MINES

AFFIDAVIT

I, \_\_\_\_\_ (the above designated owner or operator, or authorized representative thereof), after being duly sworn, do depose and say that the undersigned is authorized by the owner of the working interest in the well to state that it shall tender to the owner of the oil and gas in place not less than one-eighth of the total amount paid to or received by or allowed to the owner of the working interest at the wellhead for the oil or gas so extracted, produced or marketed before deducting the amount to be paid to or set aside for the owner of the oil or gas in place, all such oil or gas to be extracted, produced or marketed from the well

Signed: Richard [Signature]

Taken, subscribed and sworn to before me this \_\_\_ day of \_\_\_, 19\_\_.

Signed: \_\_\_\_\_

My Commission Expires: \_\_\_\_\_

04/12/2024





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

RECEIVED

MAY 12 1983

OIL & GAS DIVISION  
INSPECTOR'S WELL REPORT DEPT. OF MINES

Permit No. 85-5869

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

Company Eagle Petroleum Co.  
 Address \_\_\_\_\_  
 Farm Westvaco  
 Well No. Mage #1  
 District Murphy County Ritchie  
 Drilling commenced \_\_\_\_\_  
 Drilling completed \_\_\_\_\_ Total depth \_\_\_\_\_  
 Date shot \_\_\_\_\_ Depth of shot \_\_\_\_\_  
 Initial open flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
 Open flow after tubing \_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
 Volume \_\_\_\_\_ Cu. Ft.  
 Rock pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
 Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
 Fresh water \_\_\_\_\_ feet \_\_\_\_\_ feet  
 Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer _____
13			
10			Size of _____
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 \_\_\_\_\_ SIZE \_\_\_\_\_ No. FT. \_\_\_\_\_ Date \_\_\_\_\_  
 NAME OF SERVICE COMPANY \_\_\_\_\_  
 COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

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

Remarks: Cancelled Permit - Permit Expired  
Visit site - no location or road built  
OK to release

5-9-83  
DATE

Samuel N. H.  
DISTRICT WELL INSPECTOR







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

WALTER N. MILLER  
DIRECTOR

THEODORE M. STREIT  
ADMINISTRATOR

May 18, 1983

Eagle Petroleum Company  
P. O. Box 1049  
Parkersburg, W. Va. 26101

In Re: PERMIT NO: 47-085-5869  
FARM: George Maze  
WELL NO: 1  
DISTRICT: Murphy  
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. Streit, Administrator  
Office of Oil & Gas-Dept. Mines

TMS/

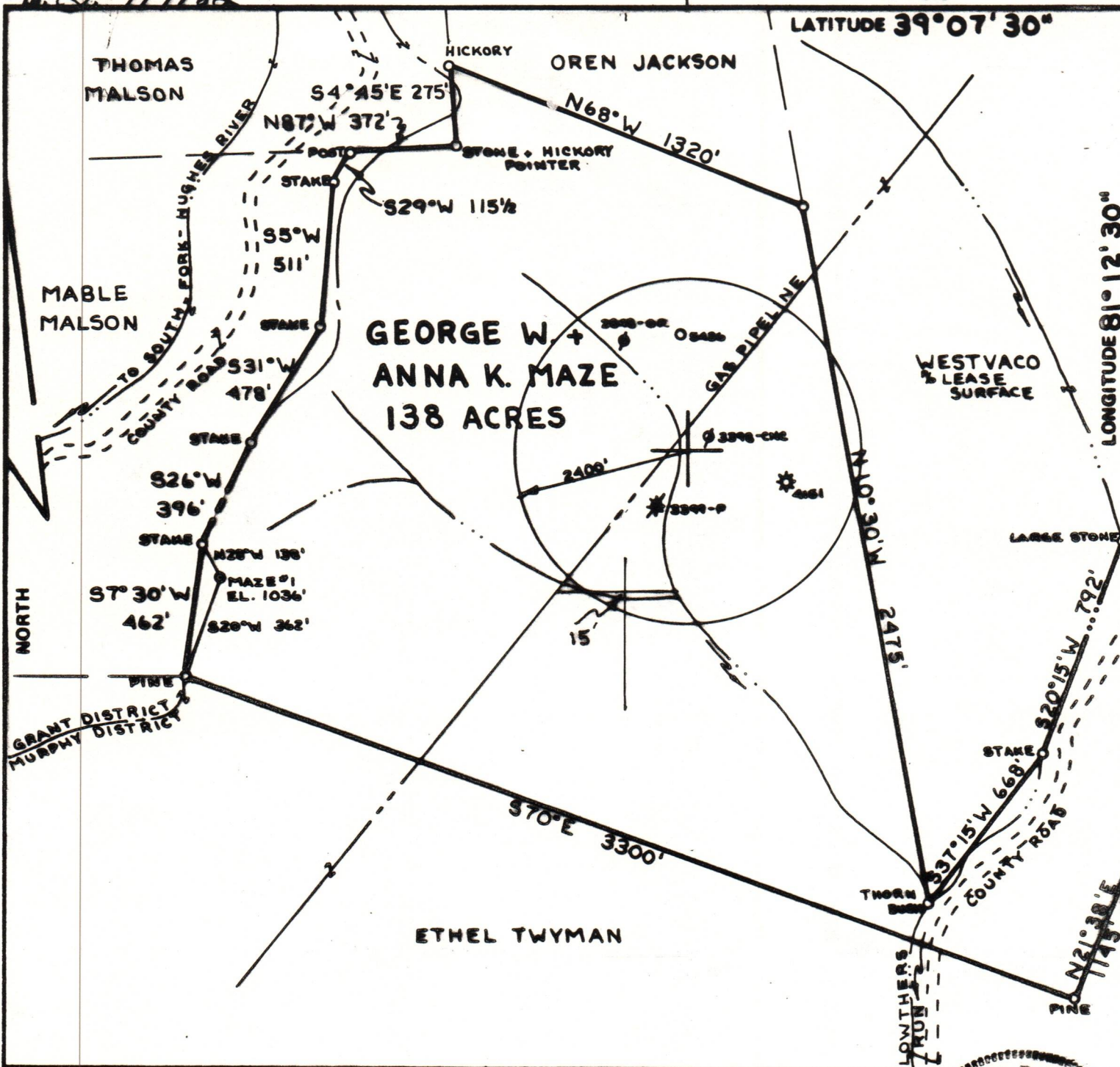
04/12/2024

9/7/82

6125'

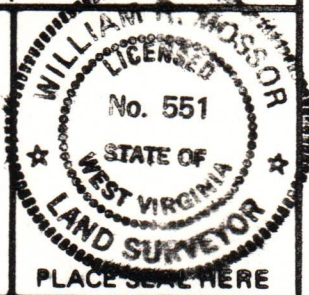
LATITUDE 39° 07' 30"

LONGITUDE 81° 12' 30"



FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE **1" = 500'**  
 MINIMUM DEGREE OF ACCURACY **1:200**  
 PROVEN SOURCE OF ELEVATION **HIGH POINT**  
**1121'**

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) *William P. Mosser*  
 R.P.E. \_\_\_\_\_ L.L.S. **551**



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



DATE **24 AUGUST**, 19 **82**  
 OPERATOR'S WELL NO. **MAZE #1**  
 API WELL NO. \_\_\_\_\_  
**47 - 085 - 5869**  
 STATE COUNTY PERMIT

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

*Cancelled*

WELL TYPE: OIL  GAS  LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
 (IF "GAS,") PRODUCTION  STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW   
 LOCATION: ELEVATION **1036'** WATER SHED **LOWTHERS RUN**  
 DISTRICT **MURPHY** COUNTY **RITCHIE**  
 QUADRANGLE **MACFARLAN 7 1/2' QUAD.**  
 SURFACE OWNER **WESTVACO** ACREAGE **237.8**  
 OIL & GAS ROYALTY OWNER **GEORGE W. + ANNA K. MAZE** LEASE ACREAGE **138**  
 LEASE NO. \_\_\_\_\_

04/02/2024

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 **MARCELLUS SHALE** ESTIMATED DEPTH **5900'**  
 WELL OPERATOR **EAGLE PETROLEUM** DESIGNATED AGENT **RICHARD D. MANDRAKE**  
 ADDRESS **P.O. BOX 1049** ADDRESS **P.O. BOX 1049**  
**PARKERSBURG, W.VA. 26101** **PARKERSBURG, W.VA 26101**