



Date: 6-24-, 19 82

Operator's Well No. P-144-2

API Well No. 47 085 5708
State County Permit

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

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

LOCATION: Elevation: 957' Watershed: Devilhole Creek
District: GRANT County: Ritchie Quadrangle: Cairo 7.5'

WELL OPERATOR Panther Fuel Company DESIGNATED AGENT Donnally Villers
Address P.O. Box 850 Address Weston, West Virginia
Bridgeport, West Virginia

OIL & GAS ROYALTY OWNER CLIFTON VALENTINE COAL OPERATOR _____
Address 4459 Edgerton Rd. Address _____
North Royalton, Ohio

ACREAGE 75.1 COAL OWNER(S) WITH DECLARATION ON RECORD:
SURFACE OWNER Lawrence Morton Name _____
Address Box 237 Rt. #1 Address _____
HARRISVILLE, West Virginia Name _____
ACREAGE 75.1 Address _____

FIELD SALE (IF MADE) TO: Name _____
Address _____

OIL & GAS INSPECTOR TO BE NOTIFIED Name _____
Name D.O. MACE Address _____
Address Rt. 1 Box 65 Address _____
Sandridge, West Virginia

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed _____ / lease
other contract _____ / dated OCT. 4, 19 82, to the undersigned well operator from _____

(IF said deed, lease, or other contract has been recorded:)
Recorded on OCT. 21, 19 82, in the office of the Clerk of the County Commission of Ritchie County, West
Va., in Lease Book 139 at page 150. 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 COMMIS-
SION
1615 WASHINGTON STREET EAST
CHARLESTON, WV 25311
TELEPHONE: (304) 348-3092

*Recd 6/24/82
Blanket Bond*

05/03/2024
Panther Fuel Company
Well Operator
By Donnally Villers
Its Super.

PROPOSED WORK ORDER

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

DRILLING CONTRACTOR (IF KNOWN) Eastern Overthrust
Address Brushy Fork Rd.
2 N Moore, W. Va.

GEOLOGICAL TARGET FORMATION, Marcellus Shale

Estimated depth of completed well, 5,990 feet Rotary / Cable tools /

Approximate water strata depths: Fresh, 157 feet; salt, _____ feet.

Approximate coal seam depths: _____ Is coal being mined in the area? Yes _____ / No /

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				<input checked="" type="checkbox"/>	300'	300'	CTS	Kinds
Fresh Water									
Coal									Sizes
Intermediate	8 5/8		20	<input checked="" type="checkbox"/>		1000	1000	240	
Production	4 1/2		10.5			5950	5950	As Needed	Depths set
Tubing								or 500	
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 HERESY
APPROVED FOR Drilling. THIS PERMIT SHALL EXPIRE
IF OPERATIONS HAVE NOT COMMENCED BY 2-25-83.
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 05/03/2024 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 _____

File

By _____
Its _____

STATE OF WEST VIRGINIA
OFFICE OF OIL AND GAS

Company Name Panther Fuel Co
Address P.O. Box 245
Shinnston, W.Va. 26431
Telephone 304-842-6961
Landowner Lawrence Morton

Designated Agent Donnoly Villers
Address P.O. Box 647
Weston, W.Va. 26452
Telephone 1-269-3243
Soil Cons. District Little Kanawha

Revegetation to be carried out by UNKNOWN (Agent)

This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan. 6-24-82 Jarrett Newton
(Date) (SCD Agent)

ACCESS ROAD	LOCATION
Structure <u>Culvert 15" X 20'</u> (A) Spacing _____ Page Ref. Manual <u>1-8</u>	Structure <u>None needed</u> (1) Material _____ Page Ref. Manual _____
Structure <u>CROSS DRAINS</u> (B) Spacing _____ Page Ref. Manual <u>1-3</u>	Structure _____ (2) Material _____ Page Ref. Manual _____
Structure _____ (C) Spacing _____ Page Ref. Manual _____	Structure _____ (3) Material _____ Page Ref. Manual _____

All structures should be inspected regularly and repaired if necessary. All commercial timber is to be cut and stacked. All brush and small timber to be cut and removed from site before dirt work begins.

WOODLAND
TREATMENT AREA I

Lime <u>AS NEEDED</u> Tons/acre or correct to pH <u>6.5</u>
Fertilizer <u>500</u> lbs/acre (10-20-20 or equivalent)
Mulch Hay <u>(Straw)</u> AS NEEDED Tons/Acre
Seed* <u>Ky 31 FESCUE</u> 40 lbs/acre
<u>ALSIKE</u> 4 lbs/acre
<u>ANNUAL RYE</u> 4 lbs/acre

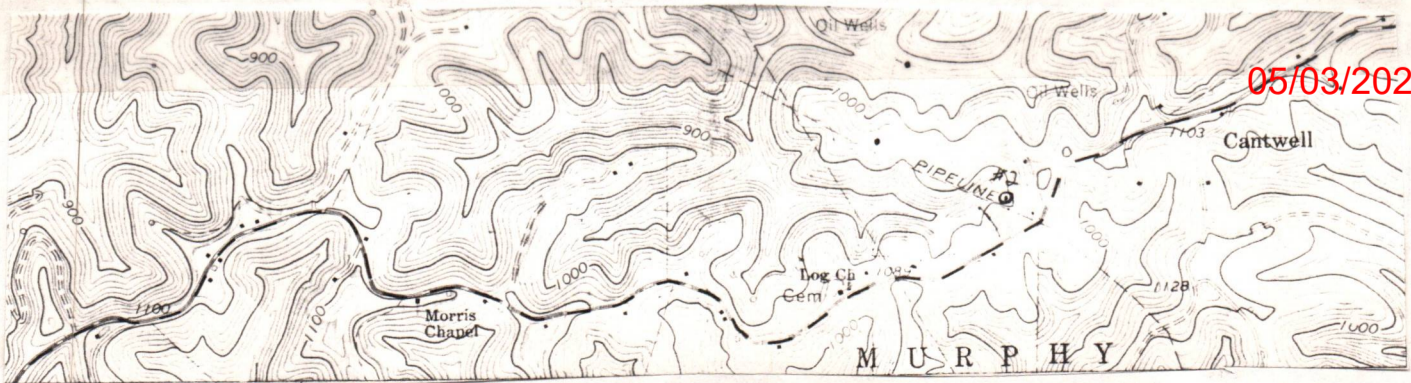
REVEGETATION
WOODLAND
TREATMENT AREA II

Lime <u>AS NEEDED</u> Tons/acre or correct to pH <u>6.5</u>
Fertilizer <u>500</u> lbs/acre (10-20-20 or equivalent)
Mulch <u>(Straw)</u> 2 lbs/acre
Seed* <u>Ky 31</u> 40 lbs/acre
<u>ALSIKE CLOVER</u> 4 lbs/acre
<u>Rye</u> 4 lbs/acre

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

Attach or photocopy section of Involved Topographic map. Quadrangle C2110 7.5

Legend: Well Site
Access Road



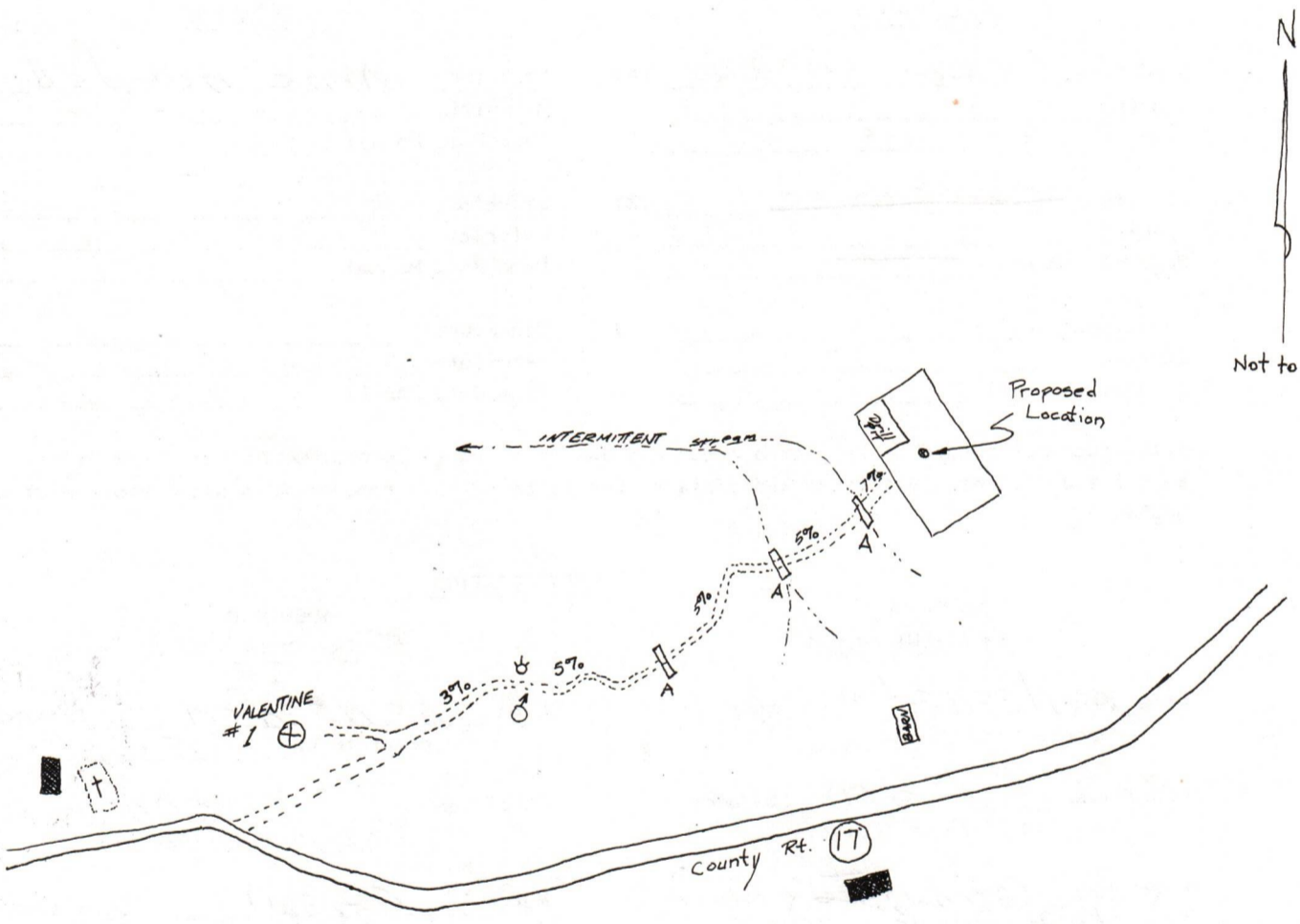
WELL SITE PLAN

Sketch to include well location, existing access road, roads to be constructed, well site, drilling pits and necessary structures numbered or lettered to correspond with 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 | |

drilling pits and necessary structures numbered or lettered to correspond with first part of this plan. Include all natural drainage.

COMMENTS: _____



Signature: Donnelly Miller Agent Weston Ave. Address 1-269-3243

05/03/2024

Please request landowners cooperation to protect new seeding for one growing season.

6 SEP 85 123



STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
Charleston, West Virginia 25311

ARCH A. MOORE, JR.
Governor

Commissioner

This is to acknowledge that the wells listed on the reverse of this form are hereby transferred from Panther Fuel Company (the transferor) to Pure Energy Exploration, Inc. 1300 Post Oak Blvd., #1818, Houston, TX 77056 (the transferee). The transferee by this document is accepting all responsibility for compliance with the provisions of Chapter 22B, Article 1 of the West Virginia Code and all rules and regulations promulgated thereunder, for the listed wells.

The transferee's designated agent (name) Richard W. Jividen, (address) P. O. Box 93A, Robertsburg, West Virginia 25172 (304) 937-2286, is on file with the Division of Oil and Gas.

The transferee has bonded the said wells by securities, cash, or surety (circle one) bond identified below by amount, effective date, issuing authority, and any identifying number. \$50,000.00 9-2-83, Fidelity & Deposit Company of Maryland Pure Energy Exploration, Inc.

(Transferee) PURE ENERGY EXPLORATION, INC.

By James W. Seeburger
James W. Seeburger
Its Vice President

Taken, subscribed and sworn to before me this 8th day of August, 1985
Notary Public Leann R. Richards
My commission expires February 28, 1989

(Transferor) PANTHER FUEL COMPANY

By David J. Harmer
Its President

Taken, subscribed and sworn to before me this 3rd day of Sept, 1985
Notary Public Jerry Scherdt
My commission expires My Commission Expires March 26, 1991

ACCEPTED THIS 13 DAY OF 9, 1985
BY: [Signature]
Director - Division of Oil and Gas

05/03/2024

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

Halliburton 1,018,000 N₂ Six High Volume

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Sand, shale & rock			0	1383	
1st Salt Sand			1383	1440	
2nd Salt Sand			1445	1495	
3rd Salt Sand			1555	1675	
Maxon Sand			1740	1770	
Big Lime			1820	1920	
Big Injun			1920	2040	Oil and Gas
Berea Cap			1403		
Gantz Sand			2607	2630	
Gordon Sand			2650	2670	Oil and Gas
Fifth Sand			2790	2800	Gas
Brallier Shale			2980	4198	Oil and Gas
Harrell Shale			4198	5094	Oil and Gas
Hamilton Shale			5094	5714	Gas

(Attach separate sheets as necessary)

PANTHER FUEL COMPANY
 Well Operator Robert C. [Signature] 05/03/2024
 By: [Signature] VICE PRES.
 Date: _____

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

INSPECTOR'S WELL REPORT

Permit No. 85-5708

Oil or Gas Well _____
(KIND)

Company Panther Fuel
 Address _____
 Farm Valentine
 Well No. # 2
 District Grant County Rit.
 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 3/8			Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED 8 5/8 SIZE 1 1/4 No. FT. 6-27-82 Date
 NAME OF SERVICE COMPANY Haliburton
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES

Drillers' Names Eastern Overthrust # 2

RECEIVED

Remarks:

JUL 8 - 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

6-28-82

DATE

D. J. Moore 05/03/2024

DISTRICT WELL INSPECTOR

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

RECEIVED

SEP 13 1983

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 05-5708

Oil or Gas Well _____
(KIND)

Company Panther Fuel

Address _____

Farm L. Morton

Well No. P. 144-2

District Grant 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			Kind of Packer _____
16			
13			Size of _____
10			
8 1/4			Depth set _____
6 1/2			
5 3/16			Perf. top _____
3			
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: Final inspection

~~No well record~~

9-9-83
DATE

Mike Underwood
05/03/2024
DISTRICT WELL INSPECTOR



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

WALTER N. MILLER
DIRECTOR

THEODORE M. STREIT
ADMINISTRATOR

December 11, 1984

Panther Fuel Company
P.O. Box 850
Bridgeport, W.Va. 26330

In Re: PERMIT NO: 085-5708
FARM: Lawrence Morton
WELL NO: Valentine # P-144-2
DISTRICT: Grant
COUNTY: Ritchie
ISSUED: 6-25-82

Gentlemen:

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

 The well designated 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.

XX 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/chm

05/03/2024

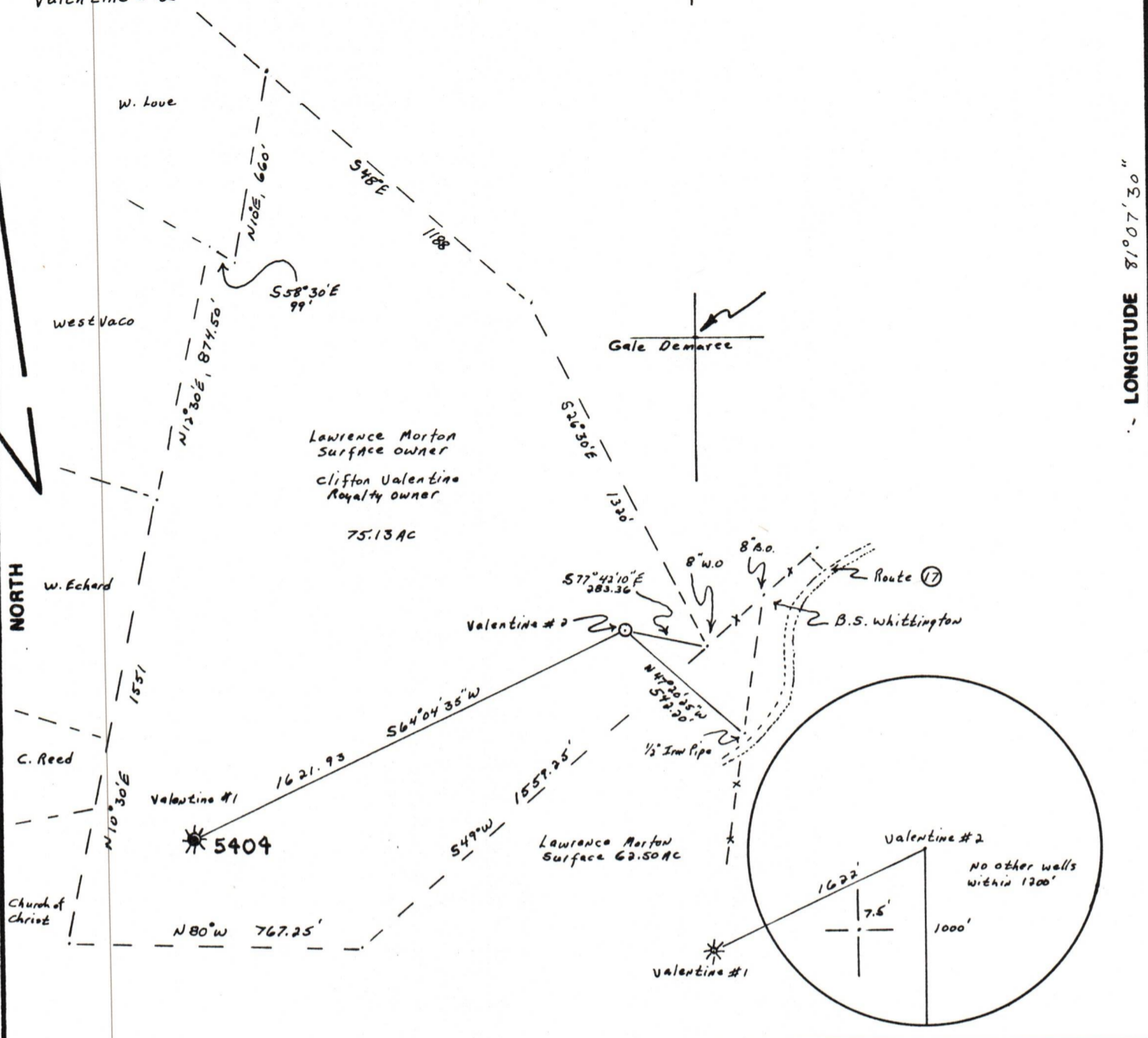
M.S. 6/24/82

4000'

LATITUDE 39° 10'

LONGITUDE 81° 07' 30"

NORTH



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION Intersection Co. Route 5
30' 17' 1089'

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) Joseph I. Grant
 R.P.E. _____ L.L.S. 704



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



DATE June 24, 19 82
 OPERATOR'S WELL NO. P-144-2
 API WELL NO. 47-085-5708
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION STORAGE _____ DEEP _____ SHALLOW
 LOCATION: ELEVATION 957 WATER SHED Deville Creek
 DISTRICT Grant COUNTY Ritchie
 QUADRANGLE Cairo 7.50
 SURFACE OWNER Lawrence Morton ACREAGE 75.13
 OIL & GAS ROYALTY OWNER Clifton Valentine LEASE ACREAGE 75.13
 LEASE NO. P-144-2
 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 ESTIMATED DEPTH 5990
 WELL OPERATOR Panther Fuel Co. DESIGNATED AGENT Donnolly Villers
 ADDRESS P.O. Box 245 ADDRESS P.O. Box 647
Shinnston, WV 26431 Weston, WV 26452

05/03/2024