

MAY 28 1982

Date: 11 May, 1982

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. P-144-2

API Well No. 47 - 085 - 5666
State County Permit

OIL & GAS DIVISION

DEPT. OF MINES

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

LOCATION: Elevation: 1076 Watershed: Devilhole Creek
District: Grant County: Ritchie Quadrangle: Cairo 7.5

WELL OPERATOR Panther Fuel Company DESIGNATED AGENT Panther Fuel Company
Address PO Box 850 Address PO Box 850
Bridgeport, West Virginia 26330 Bridgeport, West Virginia 26330

OIL & GAS ROYALTY OWNER Clifton Valentine COAL OPERATOR
Address 4459 Edgerton Road Address
North Royalton, Ohio 44133

Acreage 75.1 COAL OWNER(S) WITH DECLARATION ON RECORD:

SURFACE OWNER Lawrence Morton Name
Address Route 1 PO Box 237 Address
Harrisville, West Virginia

Acreage 75.1 Name

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

COAL LESSEE WITH DECLARATION ON RECORD:
Name
Address

OIL & GAS INSPECTOR TO BE NOTIFIED
Name Deo Mace
Address Route 1 Box 65
Sandridge, West Virginia 25274

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 4 October, 1981, to the undersigned well operator from

[If said deed, lease, or other contract has been recorded:]
Recorded on 21 October, 1981, in the office of the Clerk of the County Commission of Ritchie County, West Virginia, in Lease Book 139 at page 150. A permit is requested as follows:

PROPOSED WORK: Drill X / Drill deeper / Redrill / Fracture or stimulate X /
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.

08/18/2023

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

BLANKET BOND

PANTHER FUEL COMPANY
Well Operator
By [Signature]
Its VICE PRESIDENT

[08-78]

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-38 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) UNKNOWN

Address _____

GEOLOGICAL TARGET FORMATION, MARCELLUS Shale

Estimated depth of completed well, 5950 feet Rotary X / Cable tools _____

Approximate water strata depths: Fresh, 276 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	<u>11 3/4</u>					<u>300'</u>	<u>300'</u>	<u>CTS</u>	Kinis
Fresh water									
Coal									Sines
Intermediate	<u>8 5/8</u>		<u>20</u>			<u>1000</u>	<u>1000</u>	<u>240</u>	
Production	<u>4 1/2</u>		<u>10.5</u>			<u>5950</u>	<u>5950</u>	<u>AS NEEDED</u>	<u>Per Rule 15.01</u>
Tubing								<u>or 500 SCS</u>	
Liners									Perforations:
									Top Bottom

NOTE: Regulation 7.03 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 drilling 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 2-4-83

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

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

te: _____, 19 _____

By _____

Its _____

WELL SITE PLAN

Sketch to include well location, existing access road, roads to be constructed, well site,

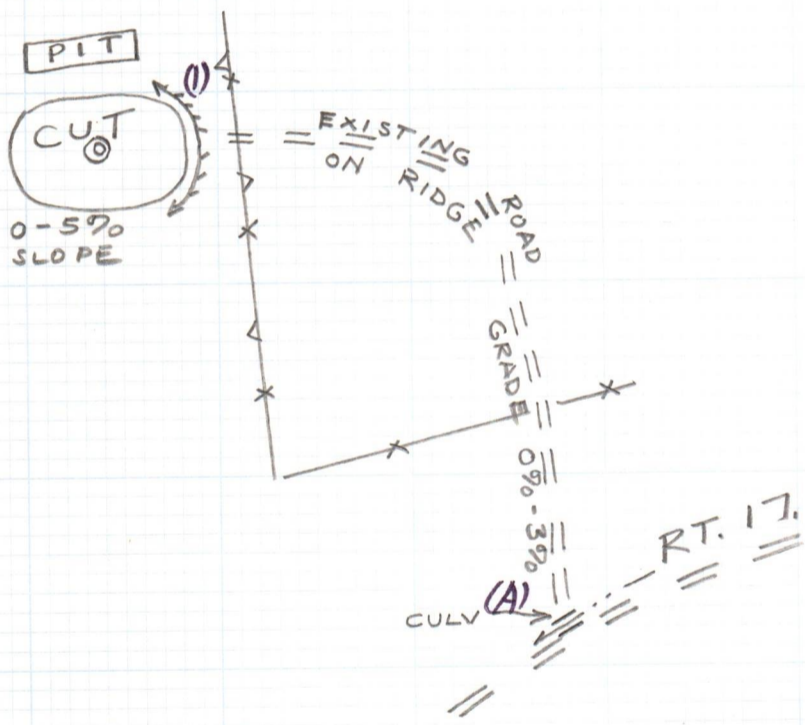
- | | | | | |
|---------|-------------------|--|------------|--|
| Legend: | Property Boundary | | Diversion | |
| | Road | | Spring | |
| | Existing Fence | | Wet Spot | |
| | Planned Fence | | Building | |
| | Stream | | Drain Pipe | |
| | Open Ditch | | Waterway | |

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

COMMENTS: _____

5-14-82

VAVENTINE NO. 2



Signature: *Robert C. ...* Agent
 Address: Box 850 Bridgeport, WV 26330
 Phone Number: 842-6961
 Date: 08/18/2023

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

STATE OF WEST VIRGINIA
OFFICE OF OIL AND GAS

Company Name PANTHER FUEL COMPANY
Address P.O. Box 850
Bridgeport, West Virginia
Telephone 1-842-6961
Landowner LAWRENCE MORTON

Designated Agent PANTHER FUEL COMPANY
Address P.O. Box 850
Bridgeport, West Virginia
Telephone 1-842-6961
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. 5-27-82 Janett Newton
(Date) (SCD Agent)

ACCESS ROAD

LOCATION

Structure CULVERT - 16" X 20' (A)
Spacing _____
Page Ref. Manual 2-7

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

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

Structure Diversion Ditch (1)
Material _____
Page Ref. Manual 2-12

Structure _____ (2)
Material _____
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.

MAY 28 1982

WOODLAND
TREATMENT AREA I

REVEGETATION

WOODLAND
TREATMENT AREA Oil & GAS DIVISION
DEPT. OF MINES

Lime AS NEEDED Tons/acre
or correct to pH 6.5

Lime AS NEEDED Tons/acre
or correct to pH 6.5

Fertilizer 500 lbs/acre
(10-20-20 or equivalent)

Fertilizer 500 lbs/acre
(10-20-20 or equivalent)

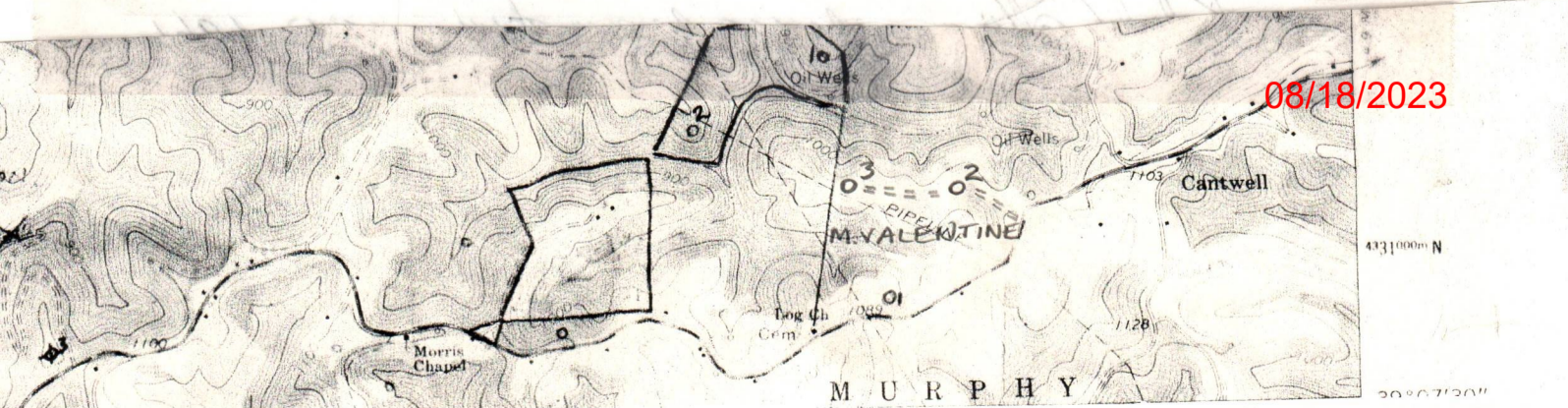
Mulch Hay (Straw) - 2 Tons/Acre
Seed* Ky 31 Fescue - 40 lbs/acre
ALSIKE - 4 lbs/acre
Annual Rye - 4 lbs/acre

Mulch (Straw) - 2 lbs/acre
Seed* Ky 31 - 40 lbs/acre
ALSIKE CLOVER - 4 lbs/acre
Annual Rye - 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 CAIRO - 7.5

Legend: Well Site
Access Road



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

RECEIVED
FEB 5 - 1985
OIL & GAS DIVISION
DEPT. OF MINES

Permit number: 47- 85-5666
Company: PANTHER FUEL
Date: 27-Nov-84
Date issued: 6/04/82

County: RITCHIE
Farm: MORTON/VALENTINE #2
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 P. Heroman

Date: 1-31-85

08/18/2023



State of West Virginia

Department of Mines
Oil and Gas Division

THEODORE M. STREIT
ADMINISTRATOR

Charleston 25305

February 7, 1985

BARTON B. LAY, JR.
DEPUTY DIRECTOR

Panther Fuel Co.
Attn: Robert Cotter
P. O. Box 850
Bridgeport, WV 26330

In Re: Permit No: 47-085-5666
Farm: Morton/Valentine
Well No: P-144-2
District: Grant
County: Ritchie
Issued: 6-04-82

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. (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
Dept. Mines-Office of Oil & Gas

TMS/ chm

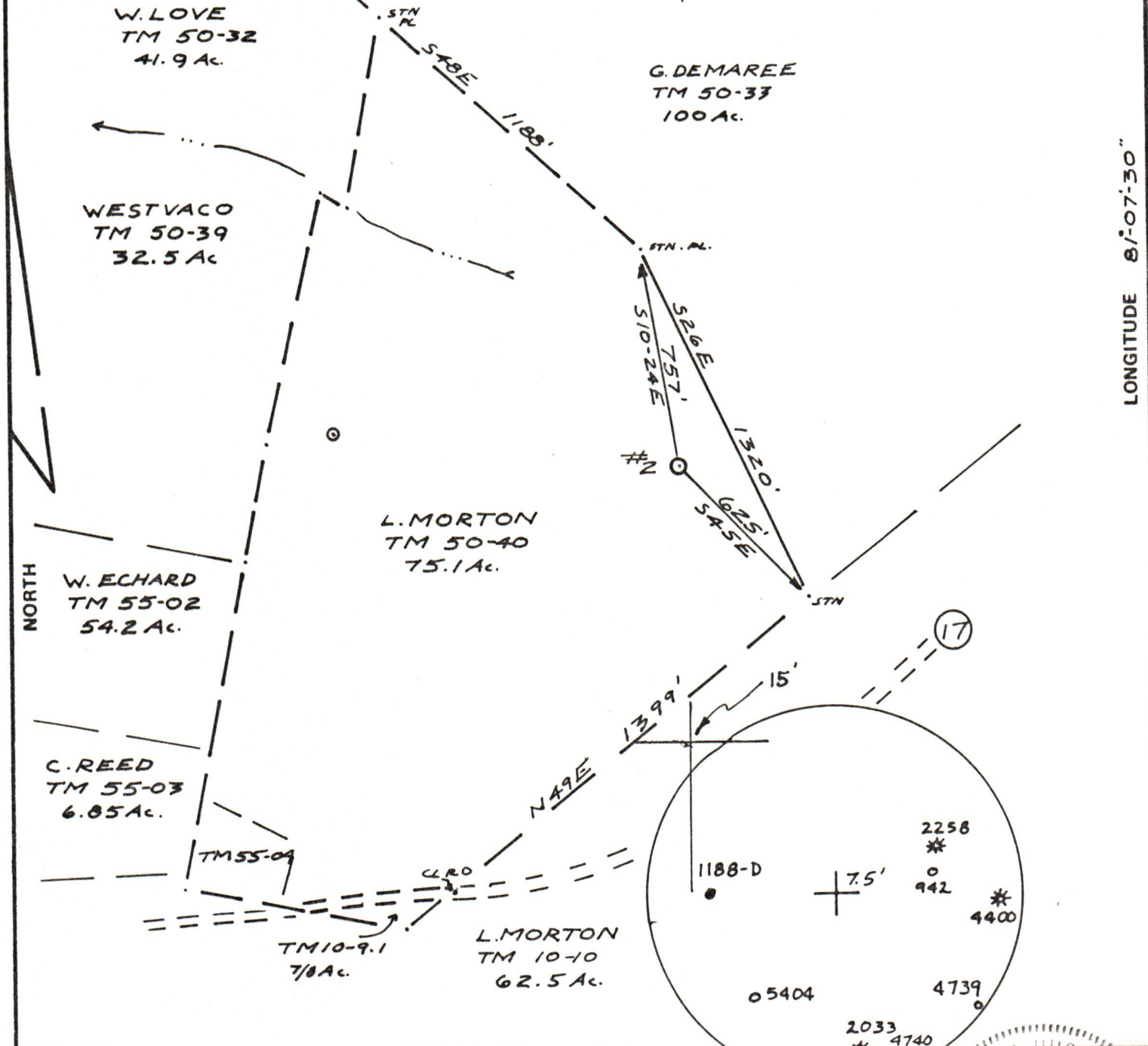
08/18/2023

M.J. 6/2/82

4,350

LATITUDE 39°-10'

LONGITUDE 87°-07'-30"



FILE NO. 81-46
 DRAWING NO. 2
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION RD @ 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) Neal Hughes
 R.P.E. _____ L.L.S. 632

NEAL HUGHES
 LICENSED
 No. 632
 STATE OF WEST VIRGINIA
 PLACE SEAL HERE

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



DATE MAY 14, 19 82
 OPERATOR'S WELL NO. 2
 API WELL NO. 47-085-5666
 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 1076 WATER SHED DEVILHOLE CREEK
 DISTRICT GRANT COUNTY RITCHIE
 QUADRANGLE CAIRO 7 1/2
 SURFACE OWNER L. MORTON ACREAGE 75.1
 OIL & GAS ROYALTY OWNER C. VALENTINE LEASE ACREAGE 75.1 08/18/2023
 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 MARCELLUS shale ESTIMATED DEPTH 5950'
 WELL OPERATOR PANTHER FUEL DESIGNATED AGENT PANTHER FUEL
 ADDRESS PO BOX 850 ADDRESS PO BOX 850
BRIDGEPORT, W.V. 26330 BRIDGEPORT, W.V. 26330