



1) Date: 12-22, 19 82
 2) Operator's Well No. P-157 #1
 3) API Well No. 47 085 6147
 State 47 County 085 Permit 6147

DRILLING CONTRACTOR:

Unknown

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

OIL AND GAS WELL PERMIT APPLICATION

- 4) WELL TYPE: A Oil / Gas
 B (If "Gas", Production / Underground storage / Deep / Shallow)
- 5) LOCATION: Elevation: 750 Watershed: Bonds Creek
 District: Grant County: Ritchie Quadrangle: Ellenboro 7 1/2
- 6) WELL OPERATOR Panther Fuel Company 11) DESIGNATED AGENT Robert Cotter
 Address P.O. Box 850 Address P.O. Box 850
Bridgeport, WV 26330 Bridgeport, WV 26330
- 7) OIL & GAS ROYALTY OWNER John Davisson 12) COAL OPERATOR _____
 Address _____ Address _____
 Acreage 16.59
- 8) SURFACE OWNER Everett Mason 13) COAL OWNER(S) WITH DECLARATION ON RECORD:
 Address _____ Name _____
 Address _____ Address _____
 Acreage 16.59 Name _____
 Address _____
- 9) FIELD SALE (IF MADE) TO:
 Address _____
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED 14) COAL LESSEE WITH DECLARATION ON RECORD:
 Name Sam Hershman Name _____
 Address P.O. Box 66 Address _____
Smithville, WV 26178
- 15) PROPOSED WORK: Drill / Drill deeper / Redrill / Fracture or stimulate /
 Plug off old formation / Perforate new formation /
 Other physical change in well (specify) _____
- 16) GEOLOGICAL TARGET FORMATION, Marcellus Shale
- 17) Estimated depth of completed well, 5,990 feet
- 18) Approximate water strata depths: Fresh, _____ feet; salt, _____ feet.
- 19) Approximate coal seam depths: _____ Is coal being mined in the area? Yes / No

20) 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				X			CTS	Kinds
Fresh water									
Coal									Sizes
Intermediate	8-5/8			X		1000	1000	240	
Production Tubing	4-1/2					5990	5990	As Needed	by Rule 1501
Liners									Perforations: Top Bottom

21) EXTRACTION RIGHTS

Check and provide one of the following:

- Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.
 The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.)

22) ROYALTY PROVISIONS

Is the right to extract, produce or market the oil or gas based upon a lease 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 or gas so extracted, produced or marketed? Yes No

If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.

23) Required Copies (See reverse side.)

24) 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.

Notary: Larry W. Schenck
 My Commission Expires March 26, 1991

Signed: Richard E. Beltsford
 Its: Asst. to President, 1/4/83

OFFICE USE ONLY

DRILLING PERMIT

Permit number 47-085-6147

Date January 7, 1983

03/29/2024

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. **Notification must be given to the District Oil and Gas Inspector. (Refer to No. 10) Prior to the construction of roads, locations and pits for any permitted work.** In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

Permit expires September 7, 1983 unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond: <u>Blanket</u>	Agent: <u>OK</u>	Plat: <u>[Signature]</u>	Casing: <u>[Signature]</u>	Fee: <u>340</u>
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Administrator, Office of Oil and Gas

Line Item Explanation

- 1) Date of Application
- 2) Your well name and number
- 3) To be filled out by office of oil & gas
- 4A) "Oil" means natural crude oil or petroleum and other hydrocarbons, regardless of gravity, which are produced at the well in liquid form by ordinary production methods and which are not the result of condensation of gas after it leaves underground reservoirs: "Gas" means all natural gas and all other fluid hydrocarbons not defined as oil.
- 4B) "Shallow well" means any well drilled and completed in a formation above the top of the uppermost member of the "Onondaga Group" or a depth less than six thousand feet, whichever is shallower.
"Deep well" means any well drilled and completed in a formation at or below the top of the uppermost member of the "Onondaga Group" or at a depth less than six thousand feet, whatever is shallower.
- 5) Where well is located
- 6) Before a permit can be issued in a corporation, company partnership, or fictitious name, the name must be registered with the Secretary of State Office
- 7) Use separate sheet if necessary
- 8) Present surface owner at time application is filed.
- 9) Optional
- 11) See Reg. 7.01 relating to code §22-4-1k
- 12) "Coal Operator" means any persons, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine. See Note 24
- 13 & 14) As per §22-4-20; See Note 24
- 15) Work that will be attempted—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.
- 16) Anticipated formation for which well will be completed
- 17) Self explanatory
- 18) Depth to deepest freshwater, and shallowest salt water, taken from nearby wells corrected for differences in elevation
- 19) All coal seam depths
- 20) Proposed casing program and cementing refer to Code 22-4-5, 22-4-6, 22-4-7, 22-4-8, 22-4-8a Reg 9.01, 15.01, 15.02, 15.03, 15.04, 25.01, 25.02, 25.03, 25.04
- 21) Code 22-4-11(c) - In lieu of filing the lease or leases or other continuing contract or contracts, the applicant for a permit described herein may file the following:
 - (1) A brief description of the tract of land including the district and county wherein the tract is located;
 - (2) The identification of all parties to all leases or other continuing contractual agreements by which the right to extract, produce or market the oil or gas is claimed;
 - (3) The book and page number wherein each such lease or contract by which the right to extract, produce or market the oil or gas is recorded;
 - (4) A brief description of the royalty provisions of each such lease or contract.
- 22) Code 22-4-11(d) and 22-4-11(e).
- 23) 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.
- 24) **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.**

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 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.

03/29/2024

Date: _____, 19____

By _____

Its _____

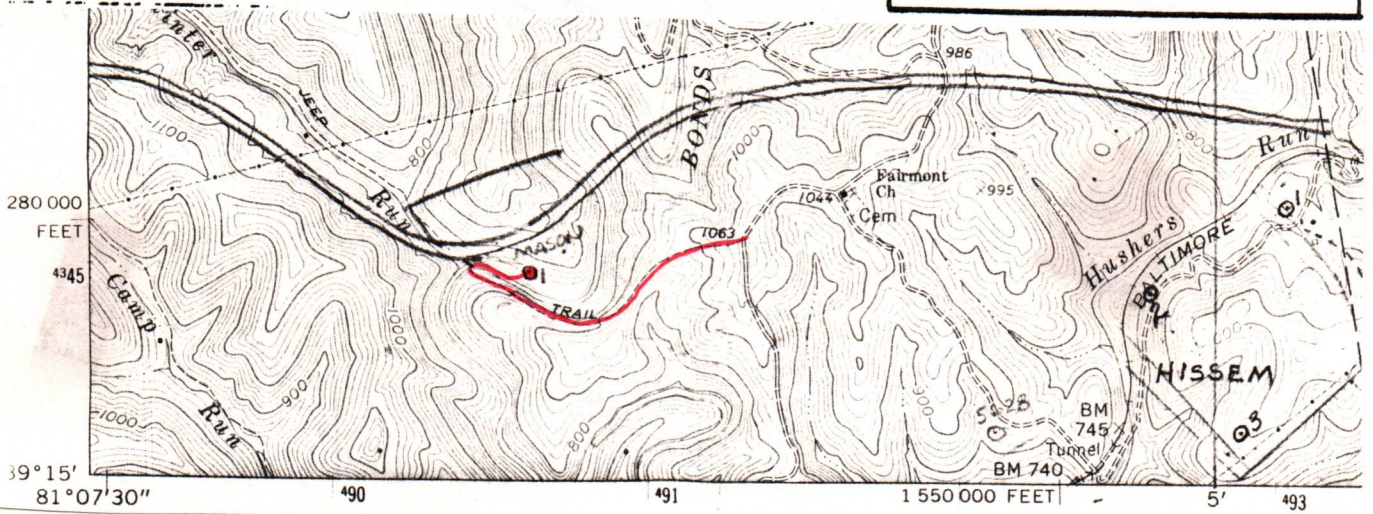
IV-9 REVERSE
(REV 8-81)

ATTACH OR PHOTOCOPY SECTION OF
INVOLVED TOPOGRAPHIC MAP.
QUADRANGLE ELLENBORO 7.5'

LEGEND

Well Site ⊕

Access Road ———

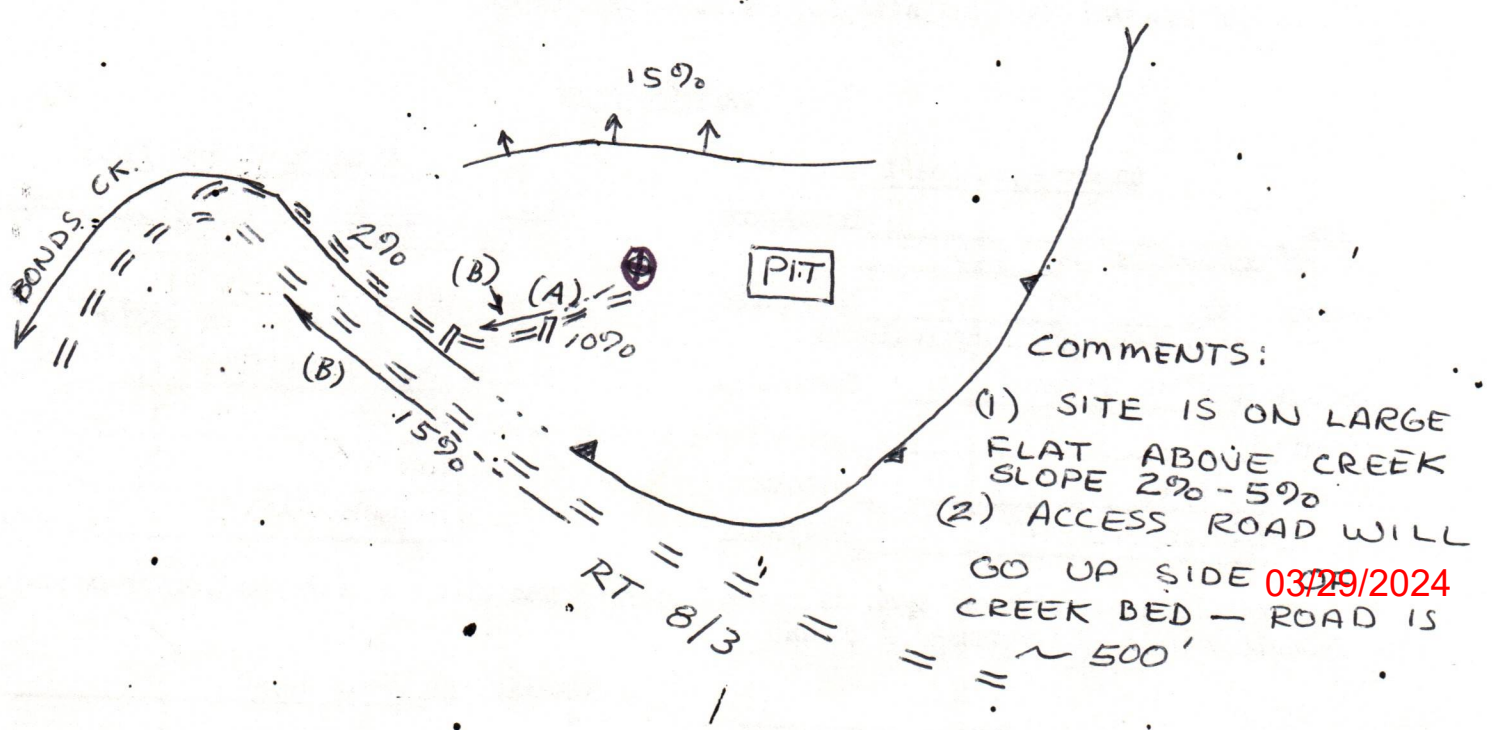


WELL SITE PLAN

Sketch to include well location, existing access road, roads to be constructed; wellsite drilling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.

LEGEND

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



COMMENTS:

(1) SITE IS ON LARGE FLAT ABOVE CREEK SLOPE 2% - 5%

(2) ACCESS ROAD WILL GO UP SIDE CREEK BED - ROAD IS ~ 500'

03/29/2024



DATE DEC. 14, 1982

WELL NO. DAVISSON #1

State of West Virginia

API NO. 47-085-6147

Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Panther Fuel Company DESIGNATED AGENT Panther Fuel Co.
 Address P.O. Box 850 Bridgeport, W. V. Address P.O. Box 850, Bridgeport,
 Telephone 304-842-6961 Telephone 304-842-6961
 LANDOWNER EVERETT MASON SOIL CONS. DISTRICT LITTLE KANAWHA
 Revegetation to be carried out by _____ (Agent)

This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan: 1-7-83

(Date)
Jarrett Newlon
(SCD Agent)

ACCESS ROAD	LOCATION
Structure <u>Cross Drains</u> (A)	Structure <u>see comment</u>
Spacing _____	Material _____
Page Ref. Manual <u>2-4</u>	Page Ref. Manual _____
Structure <u>Open Drain</u> (B)	Structure _____
Spacing _____	Material _____
Page Ref. Manual <u>2-12</u>	Page Ref. Manual _____
Structure _____	Structure _____
Spacing _____	Material _____
Page Ref. Manual _____	Page Ref. Manual _____

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>1.5</u>	Tons/acre
Seed* <u>KY 31</u> <u>40</u>	lbs/acre
<u>Redtop</u> <u>5</u>	lbs/acre
<u>Ladino Clover</u> <u>3</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>1.5</u>	Tons/acre
Seed* <u>KY 31</u> <u>40</u>	lbs/acre
<u>Redtop</u> <u>5</u>	lbs/acre
<u>Ladino Clover</u> <u>3</u>	lbs/acre

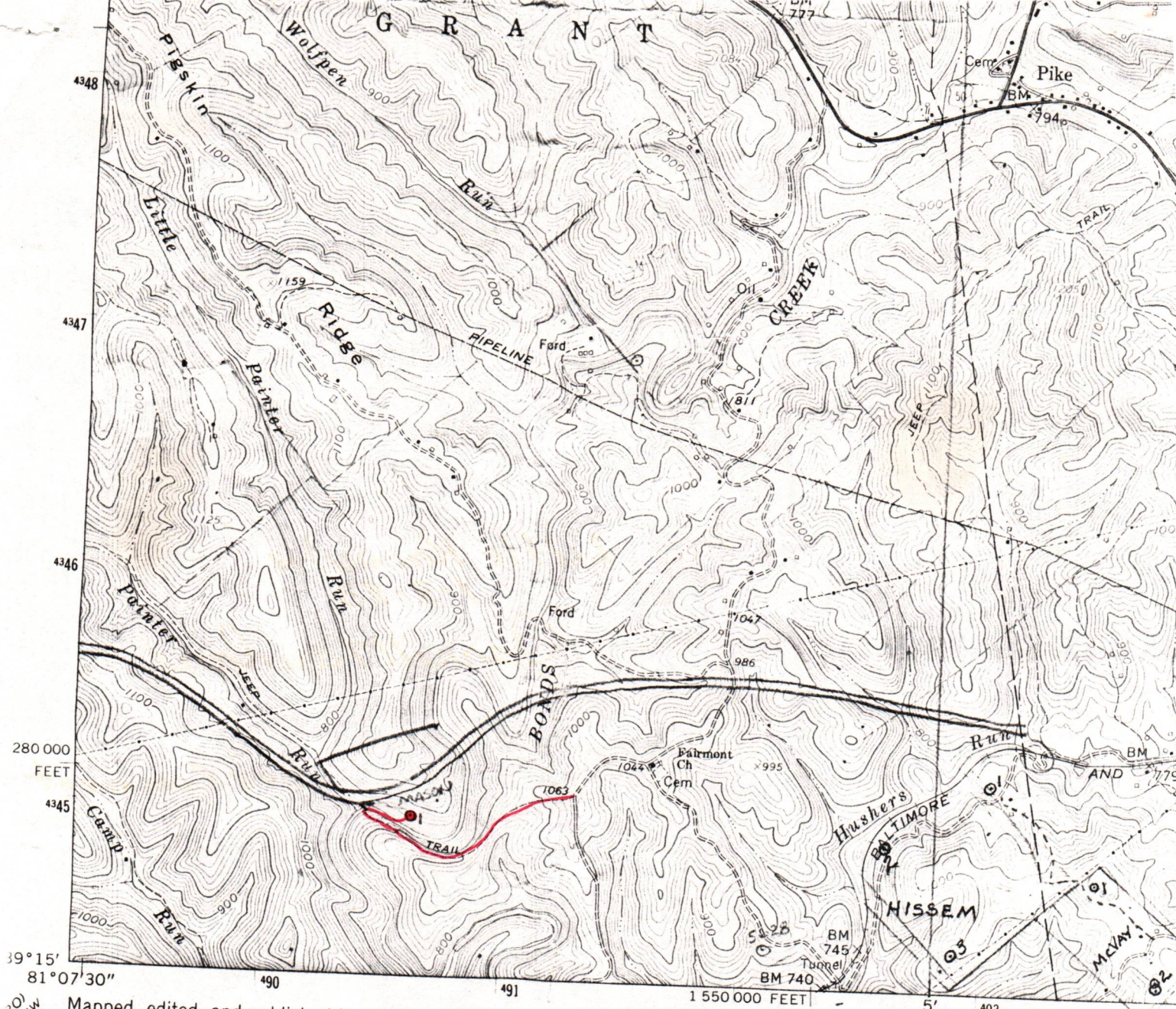
*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. Inoculate with 3X recommended amount.

PLAN PREPARED BY Neal Hughes

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

ADDRESS Rt 1 Box 2
Berea, W. Va. 26327
PHONE NO. 304-659-2378

03/29/2024



Mapped, edited, and published by the Geological Survey
 Control by USGS and USC&GS

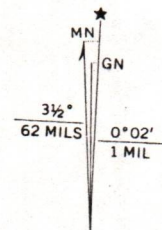
Topography by photogrammetric methods from aerial
 photographs taken 1958. Field checked 1961

Polyconic projection. 1927 North American datum
 10,000-foot grid based on West Virginia coordinate system,
 north zone

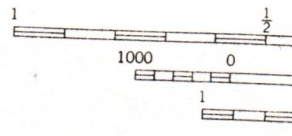
1000-meter Universal Transverse Mercator grid ticks,
 zone 17, shown in blue

Fine red dashed lines indicate selected fence and field lines where
 generally visible on aerial photographs. This information is unchecked

Unlabeled wells are oil wells



UTM GRID AND 1961 MAGNETIC NORTH
 DECLINATION AT CENTER OF SHEET



THIS MAP C
 FOR SALE BY
 A FOLDER DESCRIBING

03/29/2024

u

U.S. DEPT. OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION
WASHINGTON, D.C. 20535
MAY 5 1983
U.S. DEPT. OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION
WASHINGTON, D.C. 20535

03/29/2024

2-8

889

THIS ASSIGNMENT AND AGREEMENT, made the 27th day of OCT., 1982, by and between Shenandoah Energy Co. Staunton, Virginia, ~~hereby~~, parties of the first part, hereinafter sometimes collectively referred to as "Assignors", and PANTHER FUEL COMPANY, a corporation, party of the second part, hereinafter sometimes referred to as "Assignee";

WITNESSETH, that for and in consideration of the mutual covenants herein contained and the sum of \$3,800.⁰⁰ + 1 1/2% OVERRIDE cash in hand paid by Assignees to Assignor, the receipt of which is hereby acknowledged, Assignor does hereby assign, convey, transfer, and set over to Assignee, subject to the terms and conditions hereinafter set forth, all of their right, title and interest and any estate created in all natural gas and oil produced and saved from any wells drilled by Assignee under the terms of that certain lease for oil and gas designated dated Sept. 1st, 1982 by and between John Davisson and Ruby Davisson | Recorded on/AND IN BOOK 147/Pg. 643 relating to one parcel of land located in Grant Dist., Ritchie County., said tract is listed as John Davisson & Ruby DAVISSON 38 ACRES.

The undersigned Assignors and Assignee do hereby declare under penalties of fine and imprisonment as provided by law, that the total consideration received for the property transferred by this document to be \$3,800.⁰⁰ + 1 1/2% override.

WITNESS the following signatures:

Witness Garry Scherz / Sam Horton
Franklin H. Porter

By: _____ 03/29/2024

Its: PARTNERS OF SHENANDOAH ENERGY Co.

RECEIVED
JAN 5 1983

890

a-9

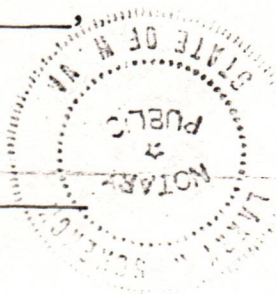
STATE OF WEST VIRGINIA

COUNTY OF Ritchie, TO-WIT:

I, LARRY Schenck, a Notary Public in and for the said County and State, do certify that SAM HORTON & FRANK Butler, ~~his wife~~, whose names are signed to the writing hereto, bearing date the 27th day of OCT., 1982, have this day acknowledged the same before me in my said County.

Given under my hand this the 27th day of OCT., 1982.

Larry Schenck
Notary Public



My commission expires: My Commission Expires March 26, 1991.

STATE OF WEST VIRGINIA,

COUNTY OF _____, TO-WIT:

I, _____, a Notary Public in and for the said County and State, do certify that _____ whose name is signed to the writing hereto, bearing date the _____ day of _____, _____, has this day acknowledged the same before me in my said County.

Given under my hand this the _____ day of _____, _____.

Notary Public

My commission expires: _____.

This instrument was prepared by:

Peggy Catherman
PO Box 850
Bridgeport, WV 26330

03/29/2024

RECEIVED
JAN 25 1983

a-11

11. The interest or estate of either party hereto may be assigned, the privilege of assigning in whole or in part being allowed. In the event this lease shall be assigned as to any part or parts of the above described land and the assignee or assignee...

12. At any time, Lessee, its successors or assigns, shall have the right to surrender this lease or any part thereof for cancellation, after which all payments and liabilities hereunder thereafter shall cease and determine, and if the whole is surrendered, then this lease shall become absolutely null and void.

13. Lessor hereby warrants and agrees to defend the title to the land herein described and agrees that the Lessee at its option may pay, discharge or redeem any taxes, mortgages, or other liens existing, levied, or assessed on or against the above described lands...

14. Lessee shall have the exclusive right to lay pipe lines, install drips and other equipment necessary and convenient for the purpose of transporting gas, oil or other products produced from wells on the leased premises or from wells on adjacent or nearby lands...

15. Lessor further covenants that it will not grant a lease or similar right for oil or gas covering the above land or any portion thereof to any other person or firm during the term of this lease or within one year after the termination of this lease...

16. It is expressly agreed that if the Lessee shall commence drilling operations at any time while this lease is in force, it shall remain in force and its terms continue so long as such operations are prosecuted, and if production results therefrom, then as long as production continues...

17. This lease may be executed in any number of counterparts and shall be binding upon all owners of interests in the leased premises executing the same or a counterpart hereof, and upon their respective heirs, successors and assigns...

18. This lease embodies the entire contract and agreement between Lessor and Lessee, and no warranties, representations, promises or inducements not herein expressed have been made or relied upon by either party.

In witness whereof this lease is executed the day and year above written.

WITNESS:

Sam Horton

John Davisson (SEAL)

SS# 235-22-3850

Ruby Davisson (SEAL)

SS# 232-82-2767

(SEAL)

SS#

(SEAL)

SS#

INDIVIDUAL ACKNOWLEDGMENT

STATE OF West Virginia
COUNTY OF Ritchie

The undersigned authority does hereby certify that on this 21 day of

July, 1982, personally appeared before me in my said county and state

John Davisson and wife Ruby Davisson known to me (or satisfactorily proven to me)

to be the person(s) whose name(s) is/are subscribed to the within and foregoing instrument bearing date the 21 day of

July, 1982, and acknowledged to me that (t)he(y) executed the same.

Witness the hand and official seal of the undersigned this the day and year first in this certificate above written.

My Commission Expires:

9/1/91

Franklin L. Bonds
Notary Public

03/29/2024

SHENANDOAH ENERGY COMPANY

ROUTE 5, BOX 215

Oil And Gas Lease

AGREEMENT, made and entered into this 21 day of July, 1982, by and between

John Davisson and wife Ruby Davisson
RFD 2
Harrisville, West Virginia

A-10

party of the first part, hereinafter called Lessor (whether one or more),
and SHENANDOAH ENERGY COMPANY, ROUTE 5, BOX 215, STAUNTON, VIRGINIA 24401
party of the second part, hereinafter called Lessee, WITNESSETH:

1. That the Lessor, in consideration of the sum of One Dollar, the receipt of which is hereby acknowledged, and the covenants and agreements hereinafter contained, does hereby grant unto the Lessee all of the oil and gas and all of the constituents of either in and under the land hereinafter described, together with the exclusive right to drill for, produce and market oil and gas and their constituents and of storing gas of any kind in any formation underlying the land, and also the exclusive right to enter thereon at all times for the purpose of drilling and operating for oil, gas and water, laying pipe lines, erecting tanks, machinery, powers and structures; and to possess, use, and occupy so much of said premises as is necessary and convenient for said purposes and to convey the above named products therefrom or thereto by pipe lines or otherwise.

said land being situate in Grant District,
and described as follows, to-wit: Bounded on the Township, County of Ritchie, State of West Virginia

NORTH by lands of W. Fox
EAST by lands of E. Mason
SOUTH by lands of West Virginia Pulp and Paper Co.
WEST by lands of West Virginia Pulp and Paper Co.
Containing 38 acres, more or less, and being the same land or a portion thereof conveyed to lessor by deed from

dated and recorded in said county records in Book

No. Page, together with all additional land owned or claimed by lessor which adjoins the land above described, whether situated in the same or another township or district. one (1) September 1, 1982

2. It is agreed that this lease shall remain in force for a primary term of ten years from this date and as long thereafter as operations for oil or gas are being conducted on the premises, or oil or gas is found in paying quantities thereon, or any formation underlying the hereinafter described land is used for storage of gas as provided under paragraph 7 hereof.

3. The Lessee shall deliver to the credit of the Lessor free of cost, in the pipe line to which he may connect his wells, the equal one-eighth (1/8) part of all oil produced and saved from the leased premises, and shall pay Lessor one-eighth (1/8) of the proceeds for all gas and casing head gas produced and sold from the premises, payable monthly; provided Lessee shall pay Lessor a royalty at the rate of Fifty Dollars per year on each gas well while, through lack of market, gas therefrom is not sold or used off the premises, and while said royalty is so paid said well shall be held to be a paying well under paragraph 2 hereof.

4. The Lessee shall commence operations for a well on the premises on or before November 1, 1982, unless Lessee pays thereafter a rental of \$380.00 for each 12 months that operations are delayed from the time above mentioned. The consideration first recited herein, the down payment, shall cover not only the privilege granted to the date when first said rental is payable as aforesaid, but also the Lessee's option of extending that period as aforesaid, and any and all other rights conferred. The drilling of a non-productive well shall be accepted by the Lessor in lieu of delay rental for a period of one year after its completion, and following the exhaustion or abandonment of all wells the Lessee shall have the right for a period of one year to resume the payment of delay rental or commence operations for another well. Upon the resumption of payment of rentals the provisions hereof governing such payment and the effect thereof shall continue in force as though they had not been interrupted.

5. All moneys coming due hereunder shall be paid or tendered to Lessor direct, or by check payable to his (or her) order mailed to above address and no default shall be declared against the Lessee by the Lessor for failure of the Lessee to make any payment or perform any conditions provided for herein unless the Lessee shall refuse or neglect to pay or perform the same for ninety days after having received written notice by registered mail from the Lessor of his intention to declare such default.

6. Lessor reserves 200,000 cubic feet of gas per annum for domestic use, to be taken through his own appliances at any producing gas well, and agrees to pay Lessee a fair domestic rate for any gas used in excess thereof. Lessor further covenants and agrees that his taking and use of gas shall be wholly at his own risk, the Lessee not to be held liable for any accident or damage caused thereby, nor shall Lessee be liable for any shortage or failure in the supply of gas for said domestic use.

7. Lessee shall have the right to use any formation underlying the leased premises for the storage of gas and shall have all rights and rights of way necessary to store and produce such stored gas. As full payment for such storage rights, the Lessee shall pay to the Lessor a rental at the rate of Two Dollars (\$2.00) per acre per year, while the premises are so used, and as long as the storage payment is made such provision of this lease shall remain in full effect.

8. Lessee is hereby granted the right to prob and utilize any stream or water under all or any part of the land described above with any other lease or leases and or lands mineral estates, or any of them which may be owned by the Lessee or others, so as to create one or more drilling or production units. Such drilling or production units shall conform to the rules and regulations of any lawfully governing authority having jurisdiction in the premises and with good drilling or production practices in the area in which the land is located. In the event of the completion of the whole or any part of the land covered by this lease, Lessee shall before or after the completion of a well record a copy of its unit operation designation in the county wherein the leased premises are located, and mail a copy thereof to the Lessor. Such unit operation designation shall identify and describe the land included in the unit, and to give effect to known limits of the oil and gas pool as such limits may be determined from available geologic or other reliable information or drilling operations; Lessee may at any time increase or decrease that portion of the acreage covered by this lease which is included in any drilling or production unit, or exclude it altogether, provided that written notice thereof shall be given to Lessor promptly. As to each drilling or production unit designated by the Lessee, the Lessor agrees to accept and shall receive one-eighth (1/8) the production of the proceeds from the production from such unit, such proportion of the royalties specified herein, as the number of acres owned of the land covered by this lease which may be included from time to time in any such unit bears to the total number of acres included in such unit. The commencement of drilling or completion of production from a well, whether drilled before or after unitization of any portion of the unit created under the terms of this paragraph shall have the same effect to produce the terms of this lease, except as to the payment of royalties, as if a well were commenced, drilled, completed or producing on the land described herein.

9. If said Lessor owns a less interest in the above described land than the undivided fee simple estate therein, then the royalties and rentals herein provided shall be paid the Lessor only in the proportion which his interest bears to the whole and undivided fee.

10. No well may be drilled nearer than 200 feet to the house or barn now on said premises without the written consent of Lessor. Lessee shall have and enjoy all rights and privileges necessary and convenient for the proper use and development of this lease, and shall have the right to use, free of cost, gas, oil and water produced on said land for its operations thereon, except water from wells of Lessor. Lessee shall also have the right at any time to remove all or any part of the machinery, fixtures or structures placed on said premises, including the right to draw and remove casing. Lessee shall pay for damages caused by its operations to growing crops on said lands, and, when requested by Lessor, shall bury its pipe lines below plow depth.

03/29/2024

ADDENDUM

A-12

To Oil and Gas Lease dated July 21, 1982 from
John Davisson and wife Ruby Davisson, Lessor, to
Shenandoah Energy Co., Lessee,
 covering 38 acres, more or less in Ritchie County,
West Virginia.

Additional Provisions of Lease

Notwithstanding anything to the contrary in the foregoing printed form Oil and Gas Lease, it is agreed and understood as follows, to-wit:

1. This lease is subordinate to a presently existing oil and gas lease dated September 1, 1981, recorded in lease book 138 at page 207 of said county and state. Lessor covenants and agrees that he will not extend, amend or modify said existing lease.
2. *If a well is not completed within one year from Sept. 1, 1982, this lease will be null and void.*
3. *Lessee shall restore the leased premises as nearly as practical to its condition prior to commencement of operations within 90 days after completion of a well.*
4. *This lease will not be assigned to Haight, Inc.*

RECEIVED

JAN 25 1983

OIL & GAS DIVISION
DEPT. OF MINES

Signed for Identification:

Sam Hester
Witness

Lessor

Lessor

John Davisson
John Davisson 03/29/2024

Ruby Davisson
Ruby Davisson Lessor

Lessor

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

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FEB 28 1983

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 85-6147

Oil or Gas Well _____
(KIND)

Company Panther Fuel Co.

Address _____

Farm Everett Mason

Well No. P-157#1

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			
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: Make inspection of location site with Donny Killers
Prior to dirtwork to decide best way for road to location

2-22-83
DATE

Samuel N. H. 03/29/2024
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

Drillers' Names _____

Remarks:

_____ I hereby certify I visited the above well on this date.

DATE

DISTRICT WELL INSPECTOR
03/29/2024

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

RECEIVED

SEP 9 - 1983

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

Permit No. 85-6147

Oil or Gas Well _____
(KIND)

Company <u>Panther Fuel Co.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>Everett Mason</u>	16			Kind of Packer _____
Well No. <u>P-157 #1</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: Final on Cancellation
No road or location made OK TO RELEASE

9-6-83
DATE

Samuel N. H.
03/29/2024
DISTRICT WELL INSPECTOR

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

Drillers' Names _____

Remarks: _____

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



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

WALTER N. MILLER
 DIRECTOR

THEODORE M. STREIT
 ADMINISTRATOR

September 26, 1983

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

In Re: PERMIT NO: 47-085-6147
 FARM: John Davisson/Everett Mason
 WELL NO: P-157- #1
 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.
- 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,

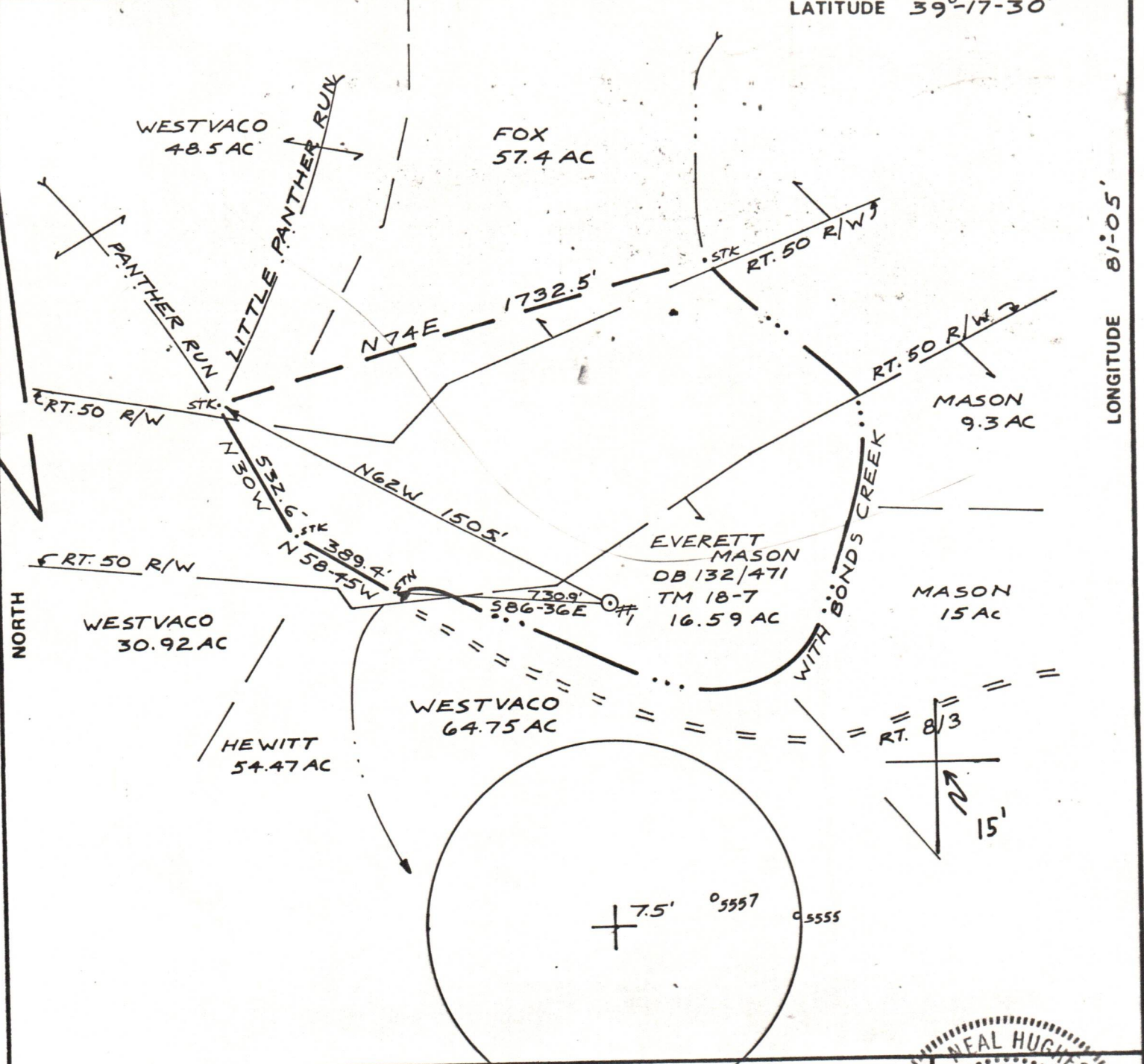
Theodore M. Streit, Administrator
 Office of Oil & Gas-Dept. M/1983

03/29/2024

116183

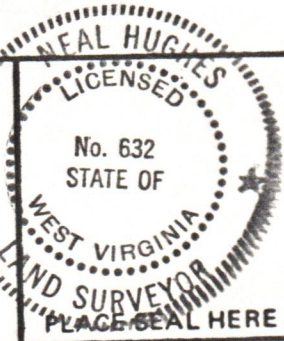
7,200
LATITUDE 39°-17'-30"

LONGITUDE 81°-05'



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION 1044 @ ROAD INTERSECTION

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



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



DATE DEC. 14, 19 82
 OPERATOR'S WELL NO. DAVISSON #1
 API WELL NO. 47-085-6147
 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 750 WATER SHED BOND'S CREEK
 DISTRICT GRANT COUNTY RITCHIE
 QUADRANGLE ELLENBORD 7 1/2'
 SURFACE OWNER EVERETT MASON ACREAGE 16.59
 OIL & GAS ROYALTY OWNER JOHN DAVISSON LEASE ACREAGE 16.59
 LEASE NO. P-157
 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 5,990
 WELL OPERATOR PANTHER FUEL CO. DESIGNATED AGENT ROBERT COTTER
 ADDRESS PO. BOX 850 ADDRESS SAME
BRIDGEPORT, W.V. 26330

03/29/2024