



1) Date: November 10, 1982
 2) Operator's Well No. P-107-3
 3) API Well No. 47 085 6003
 State County Permit

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 X / Gas X
 B (If "Gas", Production X / Underground storage _____ / Deep _____ / Shallow X /)
- 5) LOCATION: Elevation: 1,015 / Watershed: Lost Run
 District: Grant / County: Ritchie / Quadrangle: Harrisville 7.5
- 6) WELL OPERATOR Panther Fuel Company
 Address Post Office Box 850
Bridgeport, West Virginia 26330
- 7) OIL & GAS ROYALTY OWNER Clifton Valentine
 Address 4459 Edgerton Road
North Royalton, Ohio 44133
 Acreage 95
- 8) SURFACE OWNER Westvaco
 Address Ferguson Road
Parkersburg, West Virginia 26101
 Acreage 95
- 9) FIELD SALE (IF MADE) TO:
 Address _____
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name Samuel Hershman
 Address Post Office Box 66
Smithville, West Virginia 26178
- 11) DESIGNATED AGENT Panther Fuel Company
 Address Post Office Box 850
Bridgeport, West Virginia 26330
- 12) COAL OPERATOR _____
 Address _____
- 13) COAL OWNER(S) WITH DECLARATION ON RECORD:
 Name _____
 Address _____
 Name NOV 16 1982
 Address _____
- 14) COAL LESSEE WITH DECLARATION ON RECORD:
 Name _____
 Address _____
- 15) PROPOSED WORK: Drill X / Drill deeper _____ / Redrill _____ / Fracture or stimulate X
 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 X

20) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	Size	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
		Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor	11-3/4				X				Kinds
Fresh water									Sizes
Coal									Depths set
Intermediate	8-5/8		20	X		1,000	240		Perforations:
Production	4-1/2		9.5	X		5,990	As needed		Top Bottom
Tubing									
Liners									

- 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. Brehford
 Its: Asst. to President

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-085-6003 Date November 16 1982
04/05/2024

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 July 16, 1983 unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond: <u>Blanket</u>	Agent: <u>OR</u>	Plat: <u>M.J. M.J.</u>	Casing	Fee <u>289</u>
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Administrator, Office of Oil and Gas

NOTE: Keep one copy of this permit posted at the drilling location.

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.

Date: _____, 19____

By _____

Its _____

04/05/2024

UNKNOWN

[Handwritten signature]



IV-9
(Rev 8-81)

DATE 11-9-82
WELL NO. M. VALENTINE # 3
API NO. 47-085-6003

State of West Virginia
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, W.
Telephone 304-842-6961 Telephone 304-842-6961

LANDOWNER WESTVACO 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: 11-13-82 (Date)

Jarrett Newton
(SCD Agent)

ACCESS ROAD	LOCATION
Structure <u>Cross Drains</u> (A)	Structure <u>DIVERSION DITCH</u> (1)
Spacing <u>250' AT 2% 135' AT 5%</u>	Material <u>SOIL</u>
Page Ref. Manual <u>2-4</u>	Page Ref. Manual <u>2-12</u>
Structure <u>Open Drain</u> (B)	Structure _____ (2)
Spacing <u>SEE SKETCH</u>	Material <u>RECEIVED</u>
Page Ref. Manual <u>2-12</u>	Page Ref. Manual _____
Structure <u>Culvert C.M.P. 18" ID min</u> (C)	Structure <u>NOV 16 1982</u> (3)
Spacing <u>18" AT MAIN ROAD</u>	Material <u>OIL & GAS DIVISION</u>
Page Ref. Manual <u>2-7</u>	Page Ref. Manual <u>DEPT. OF MINES</u>

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	Treatment Area II
Lime _____ Tons/acre or correct to pH <u>6.5</u>	Lime _____ Tons/acre or correct to pH <u>6.5</u>
Fertilizer <u>500</u> lbs/acre (10-20-20 or equivalent)	Fertilizer <u>500</u> lbs/acre (10-20-20 or equivalent)
Mulch <u>Hay or Straw</u> 1.5 Tons/acre	Mulch <u>Hay or Straw</u> 1.5 Tons/acre
Seed* <u>KY 31</u> 40 lbs/acre	Seed* <u>KY 31</u> 40 lbs/acre
<u>Redtop</u> 5 lbs/acre	<u>Redtop</u> 5 lbs/acre
<u>Ladino Clover</u> 3 lbs/acre	<u>Ladino Clover</u> 3 lbs/acre

04/05/2024

*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

State of Florida County of Polk to-wit:
I, BEVERLY J. SADLER
NOTARY PUBLIC of said County of Polk do certify that
Clifton Valentine and Erma J. Valentine

his wife, whose name they signed to the writing above bearing date the 25th day of March A. D. 19 82 have this day acknowledged the same before me in my said county.

Given under my hand this 25th day of March A. D. 19 82
Beverly J. Sadler
Notary Public, Polk County, Florida
My Commission expires March 30, 1984
Notary Public, State of Florida at Large
Bonded Thru Troy Fair Insurance Inc.

State of _____ County of _____ to-wit:
I, _____
_____ of said County of _____ do certify that
_____ and _____

his wife, whose name _____ signed to the writing above bearing date the _____ day of _____ A. D. 19 _____ have this day acknowledged the same before me in my said county.

Given under my hand this _____ day of _____ A. D. 19 _____
Notary Public _____ County, _____
My Commission expires _____

State of _____ County of _____ to-wit:
I, _____
_____ of said County of _____ do certify that
_____ and _____

his wife, whose name _____ signed to the writing above bearing date the _____ day of _____ A. D. 19 _____ have this day acknowledged the same before me in my said county.

Given under my hand this _____ day of _____ A. D. 19 _____
Notary Public _____ County, _____
My Commission expires _____

For and in consideration of the sum of One Dollar, cash in hand paid, receipt of which is hereby acknowledged, _____ hereby assigned, transfer, set over and convey all _____ right, title to and interest in the within described oil and gas lease to _____ to have and to hold according to all the terms contained therein.

Taken, subscribed and sworn to before me, _____
a Notary Public of _____ County, _____, this _____ day of _____ A. D. 19 _____
My commission expires _____ Notary Public

Globe Form 25 Rev.
No. _____
OIL AND GAS LEASE
FROM _____ TO _____
Date _____ 19 _____
Term, Ten Years.
Number of Acres _____
LOCATION
District _____
County _____
Received for Record _____ 19 _____
Recorded _____ 19 _____
In Book _____ Page _____

Filed and admitted to record in the office of the Clerk of the County Commission of Ritchie County, W. Va. APR 12 1982
Globe Printing & Engraving Co., Petersburg, W. Va.
Recorded in _____
Book No. 142 Page 834
Tyster: Janada B. Magee Clerk

04/05/2024

OIL AND GAS LEASE

177

THIS AGREEMENT, made this 18th day of February, 19 81

by and between: Ernest P. Marsh & Helen R. Marsh, Clarksburg, West Virginia,
Alberta Coffman (widow), Clarksburg, West Virginia, Lenore Marsh (single),
Columbus, Ohio, and Irvin L. Marsh & Helen Marsh, Nile, Ohio

hereinafter known as the "LESSOR", whether one or more,
and Magnum Oil Corporation hereinafter known as the "LESSEE", whether one or more,
P.O. Box 4295, Parkersburg, West Virginia

WITNESSETH:

1. That the LESSOR, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, and of the covenants and agreements hereinafter contained, does hereby GRANT and LEASE unto the LESSEE all of the oil and gas and all of the constituents of either, in and under the following described land, together with the exclusive right to operate, drill for, produce, and market oil and gas and their constituents, and also the right to enter thereon for the purpose of drilling and operating for oil and gas, laying pipelines, erecting tanks, machinery, and the right to do all other things necessary and proper for the drilling, production, and marketing of oil and gas and their constituents from the property which is more particularly described below:

Situated in Section Grant ~~XXXXXX~~ District, County of Ritchie, State of WVa
and more particularly described at Volume _____, Page _____, of the Deed Records of _____ County,
_____ , which description is hereby referred to and incorporated herein by reference; which property is bounded substantially as follows:

NORTH by lands of _____ (Being the same 95 acre tract of
EAST by lands of _____ land designated in Deed Book 110,
SOUTH by lands of _____ Page 593, Grant District, Ritchie
WEST by lands of _____ County Circuit Clerks Office)
Containing 95 acres, more or less.

2. It is agreed that this lease shall remain in force for a primary term of Three (3) years from this date and as long thereafter as operations for oil or gas, or either of them, are being conducted on the premises, or oil or gas, or either of them, is being produced in paying quantities. It is expressly agreed that if 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 in paying quantities.

If, after expiration of the term of this lease, production from the leased premises in paying quantities shall cease from any cause, this lease shall not terminate provided LESSEE resumes operations for the production of oil or gas within sixty (60) days from such cessation, and this lease shall remain in force during the prosecution of such operations, and, if production results therefrom, as long thereafter as oil or gas or either of them is produced in paying quantities.

3. LESSEE shall commence operations for a well on the leased premises or on acreage pooled therewith as provided herein, on or before February 18, 19 82, unless LESSEE pays or tenders the sum of \$ 118.75 for each six (6) months that operations are delayed. Such payment shall be a rental for the privilege of deferring commencement of drilling operations for the above period of time. In like manner, and upon like payments or tenders, the commencement of drilling operations shall be further deferred for successive periods during the primary term of this lease.

4. If a well capable of producing oil or gas or the constituents of either in paying quantities located on the leased premises (or acreage pooled or consolidated with all or a portion of the leased premises into a unit for the drilling or operation of such well) is at any time shut in, suspended or otherwise not produced by the LESSEE due to lack of a market, and no oil or gas or their constituents is sold or utilized off the premises, nevertheless such shut in well shall be deemed to be a well on the leased premises producing in paying quantities and this lease shall remain in force during all of the time while such well is so shut in, whether before or after the expiration of the primary term. LESSEE shall use reasonable diligence to market any production from such well or wells but shall be under no obligation to market such products under terms, conditions or circumstances which in LESSEE's good faith judgment are unsatisfactory.

LESSEE shall be obligated to pay or tender to LESSOR within sixty (60) days after any such well is shut in and each anniversary thereafter, as royalty, an amount equal to \$ 1.00 per acre per year it being the intention of the parties that this lease shall remain in full force and effect for sixty (60) days after shutting in any well without payment.

5. LESSEE agrees to pay to the credit of the LESSOR one-eighth (1/8) of all the oil produced and saved from the leased premises, delivered free of cost to the purchasing agency, and one-eighth (1/8) of the proceeds of all the gas marketed and sold from said premises, payable monthly.

6. LESSOR reserves to himself, free of cost, 200,000 cubic feet of gas per annum for domestic use in one single family dwelling located on this property. Such free gas shall be taken through LESSOR's own appliances and LESSOR shall be responsible for using economical appliances. LESSOR further covenants and agrees that his taking and use of such gas shall be wholly at his own risk and LESSOR agrees to indemnify and hold harmless LESSEE for any accident or damage caused thereby to either the parties to this agreement or any third party, and LESSEE shall not be liable for any shortage or failure in the supply of gas for said domestic use.

7. All payments made to LESSOR under the terms of this lease shall be made to the LESSOR, or any one of them, in cash or check in person or by United States mail to the address set forth herein or to the credit of LESSOR, or any one of them, in Union National Bank

Bank at Clarksburg, West Virginia, which bank and its successors are hereby designated as LESSOR's agent for the purpose of receiving said payment. If said bank should fail, liquidate or be succeeded by another bank, or for any reason fail or refuse to accept payments on behalf of LESSOR, LESSEE shall not be held in default for failure to make said payment so long as LESSEE has made a bona fide attempt to make said payment and in no event shall any default be declared against LESSEE until thirty (30) days after LESSEE receives written notice of said default during which time LESSEE shall have the right to make the payment then in default and thereby cure said default.

8. Any notice or demand required by this agreement shall be made to the LESSOR and LESSEE at the address set forth herein and to successors or assigns of the LESSEE herein at the address set forth in the instrument of conveyance as recorded in the County Recorder's Office by United States mail, postage prepaid, or in person.

9. LESSEE is authorized to pool or combine the land covered by this lease, or any portion thereof, or formation thereunder, as to oil and/or gas, with any other land, lease or leases when in LESSEE's judgment it is advisable to do so in order to properly develop or operate said premises. Such pooling shall be into a well unit or units not exceeding approximately forty (40) acres for oil and not exceeding approximately six hundred forty (640) acres for gas. LESSEE shall execute and record an instrument or instruments identifying and describing the pooled acreage. Production, drilling or reworking operations anywhere on the unit which includes all or a part of this lease shall be treated as if it were production, drilling or reworking operations under this lease. In lieu of the royalties elsewhere herein specified, LESSOR shall receive from a unit so formed only such portion of the royalties stipulated herein as the amount of his acreage placed in the unit or his royalty therein bears to the total acreage so pooled in the particular unit involved.

10. The rights of either party hereunder may be assigned in whole or in part, and the provisions hereof shall extend to, and be binding on, their heirs, successors, and assigns; but no change or division in ownership of the land, rentals or royalties, however accomplished, shall operate to enlarge the obligations or diminish the rights of LESSEE; and no change or division in such ownership shall be binding on LESSEE until thirty (30) days after LESSEE shall have been furnished by certified mail at LESSEE's principal place of business with originals or certified copies of recorded documents of title transferring title from LESSOR. In the event of assignment hereof, in whole or in part, liability for breach of any obligation hereunder shall rest exclusively upon the owners of this lease or portion thereof who commits such breach.

11. 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.

12. LESSEE hereby agrees to restore the surface of the land covered by this lease to as near as practical its original condition after each drilling operation and further agrees to pay LESSOR for all damages to growing crops, improvements and livestock caused by or arising out of its operations thereon. When required by LESSOR, LESSEE will bury all pipelines below ordinary plow depth. No well shall be drilled within two hundred (200) feet of any residence or barn now on said land without LESSOR's consent.

13. LESSOR hereby warrants and agrees to defend the title to this property including the oil and gas and other minerals which are the subject of this lease and LESSOR agrees that LESSEE, at its option, may pay, discharge or redeem any taxes, mortgages, or other liens existing on or assessed against said property, either in whole or in part, and in the event LESSEE does so, it shall be subrogated to the rights of such lien holder with the right to reimburse itself by applying any royalty toward satisfying the same.

04/05/2024

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

3 Stages, 40 Holes per stage

150,000 N₂ per stage

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Big Lime			1,880	1,990	
Big Injun			1,990	2,068	Oil and Gas
Berea Cap			2,450		
Gantz Sand			2,560	2,580	
Fifth Sand			2,851	2,863	Gas
Brallier Shale			2,975	3,950	Oil and Gas
Harrell Shale			3,950	5,240	Oil and Gas
Hamilton Shale			5,240	5,870 to TD	Gas

(Attach separate sheets as necessary) /

PANTHER FUEL COMPANY
Well Operator 04/05/2024
By: *Robert Cotton*, Vice President
Date: March 21, 1983

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 ... encountered in the drilling of a well."



IV-35
(Rev 8-81)

Date March 15, 1983
Operator's
Well No. #3
Farm MARSH-VALENTINE
API No. 47 085 - 6003

State of West Virginia
Department of Mines
Oil and Gas Division

WELL OPERATOR'S REPORT
OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil x / Gas x / Liquid Injection / Waste Disposal /
(If "Gas," Production x / Underground Storage / Deep / Shallow /)

LOCATION: Elevation: 1,015 Watershed Hushers Run of Lost Run
District: Grant County Ritchie Quadrangle Harrisville 7.5'

COMPANY PANTHER FUEL COMPANY

ADDRESS P. O. Box 850, Bridgeport, WV 26330

DESIGNATED AGENT Dave Harmer

ADDRESS Shinston, West Virginia

SURFACE OWNER WESTVACO

ADDRESS Parkersburg, West Virginia 26101

MINERAL RIGHTS OWNER Clifton Valentine

ADDRESS 4459 Edgerton Rd., N. Royalton, Ohio

OIL AND GAS INSPECTOR FOR THIS WORK Samuel

Hersman ADDRESS P. O. Box 66, Smithville,
WV 26178

PERMIT ISSUED

DRILLING COMMENCED 11/29/82

DRILLING COMPLETED 12/7/82

IF APPLICABLE: PLUGGING OF DRY HOLE ON
CONTINUOUS PROGRESSION FROM DRILLING OR
REWORKING. VERBAL PERMISSION OBTAINED
ON

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"			
9 5/8			
8 5/8	1,260	1,260	to surface
7			
5 1/2			
4 1/2		5,762	600 sacks
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Marcellus Depth 5,990 feet

Depth of completed well 5,736 feet Rotary x / Cable Tools

Water strata depth: Fresh 80' feet; Salt feet

Coal seam depths: Is coal being mined in the area?

OPEN FLOW DATA

Producing formation Hamilton Shale Pay zone depth 5,240 to TD feet

Gas: Initial open flow 1 MM Mcf/d Oil: Initial open flow -0- Bbl/d

Final open flow 1.2 MM Mcf/d Final open flow -0- Bbl/d

Time of open flow between initial and final tests 72 hours

Static rock pressure 1,120 psig (surface measurement) after 4 hours shut in

(If applicable due to multiple completion--)

Second producing formation Brallier Pay zone depth 3,120 to 4,100 feet

Gas: Initial open flow Show Mcf/d Oil: Initial open flow Show Bbl/d

Final open flow 600 Mcf/d Oil: Final open flow 100 Bbl/d

Time of open flow between initial and final tests 72 hours

Static rock pressure psig (surface measurement) after 4 hours shut in

(Continue on reverse side)

Ritchie 6003

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

RECEIVED

DEC - 7 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 85-6003

Oil or Gas Well _____
(KIND)

Company <u>Leather Fuel Co.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>Westvaco</u>	16			Kind of Packer _____
Well No. <u>P-107-3</u>	13			
District <u>Grant</u> County <u>Ritchie</u>	10			Size of _____
Drilling commenced <u>12-1-82</u>	8 1/4			
Drilling completed _____ Total depth _____	6 3/8			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 Keith Shaffer / Hilford McCoy / Jesse Robertson
C.H.M. Drilling Rig # 1 tool pusher Richard Bunem

Remarks:
on 12-3-82 Ran 1228 foot of 8 5/8" casing
Halliburton ran 225 sacks Pro mix and 100 sacks
reg - total of 325 sacks
2107 foot Deep at time of visit on 12-4-82 Pit O.K.

12-4-82
DATE

Samuel N. H.
DISTRICT WELL INSPECTOR

04/05/2024

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

RECEIVED

DEC - 7 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 85-6003

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>Westvaco</u>	16			Kind of Packer _____
Well No. <u>P-107-3</u>	13			
District <u>Grant</u> County <u>Ritchie</u>	10			Size of _____
Drilling commenced <u>12-1-82</u>	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 Keith Shaffer / Clifford McCoy / Jesse Robertson

C.H. M Drilling & Exp. Co. Inc. Rig # 1

Remarks: Setting rig up - Drilling in conductor

12-1-82
DATE

Samuel N. Hysman
DISTRICT WELL INSPECTOR

04/05/2024



RECEIVED
FEB 22 1984

OIL & GAS DIVISION
DEPT. OF MINES

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

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT

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

PERMIT NO 085-6003
FARM & WELL NO C. Valentine # P-107-3
DIST. & COUNTY Grant/Ritchie

RULE	DESCRIPTION	IN COMPLIANCE	
		YES	NO
23.06	Notification Prior to Starting Work	_____	_____
25.04	Prepared before Drilling to Prevent Waste	_____	_____
25.03	High-Pressure Drilling	_____	_____
16.01	Required Permits at Wellsite	_____	_____
15.03	Adequate Fresh Water Casing	_____	_____
15.02	Adequate Coal Casing	_____	_____
15.01	Adequate Production Casing	_____	_____
15.04	Adequate Cement Strenght	_____	_____
15.05	Cement Type	_____	_____
23.02	Maintained Access Roads	_____	_____
25.01	Necessary Equipment to Prevent Waste	_____	_____
23.04	Reclaimed Drilling Pits	_____	_____
23.05	No Surface or Underground Pollution	_____	_____
23.07	Requirements for Production & Gathering Pipelines	_____	_____
16.01	Well Records on Site	_____	_____
16.02	Well Records Filed	_____	_____
7.05	Identification Markings	_____	_____

I HAVE INSPECTED THE ABOVE CAPTIONED WELL AND RECOMMEND THAT IT BE RELEASED:

SIGNED Samuel N. Hersman
DATE 2/10/84

Your well record was received and reclamation requirements approved. In accordance with Chapter 22, Article 4, Section 2, the above well will remain under bond coverage for the life of the well.

T. H. v. B.
Administrator-Oil & Gas Division

February 27, 1984
DATE

STATE OF OHIO

COUNTY OF Franklin, TO-WIT:

Before me, a Notary Public in and for said County, personally appeared the above named Lenore Marsh, single, who acknowledged that she did sign the foregoing instrument, and that the same is her free act and deed. In testimony whereof I hereunto subscribed my name at Columbus, Ohio, this 22nd day of March, 1981.

My commission expires:

August 17, 1982
STATE OF OHIO

Melvin D. Davis
Notary Public

COUNTY OF _____, TO-WIT:

Before me, a Notary Public in and for said County, personally appeared the above named Irvin L. and Helen Marsh, who acknowledged that they did sign the foregoing instrument, and that the same is their free act and deed. In testimony whereof I hereunto subscribed my name at Bank Ohio National Bank, this 10th day of March, 1981.

My commission expires:

John L. Baxendale
Notary Public

STATE OF WEST VIRGINIA

(Form CC No. 3)

Ritchie County Commission Clerk's Office ----- April 13th, 19 81
at 1:30 o'clock P. M.

The foregoing writing, with the certificates of acknowledgment thereto, was this day admitted to record in said office.

Teste: Linda B. May -----, Clerk

04/05/2024

