



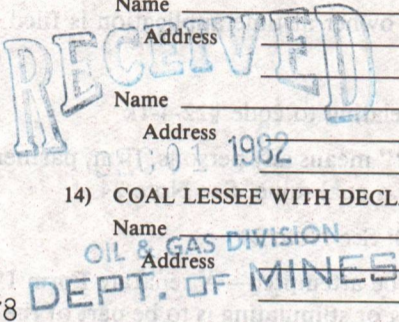
1) Date: November 17, 1982
 2) Operator's Well No. P-156-1
 3) API Well No. 47 085 6055
 State County Permit

DRILLING CONTRACTOR:

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: 843 Watershed: Irish Run
 District: Clay County: Ritchie Quadrangle: Ellenboro 7.5
- 6) WELL OPERATOR Panther Fuel Company 11) DESIGNATED AGENT Panther Fuel Company
 Address P.O. Box 850 Address P.O. Box 850
Bridgeport, West Virginia 26330 Bridgeport, West Virginia 26330
 *Robert Cotter
- 7) OIL & GAS ROYALTY OWNER Ralph Seese, et. al. 12) COAL OPERATOR _____
 Address P.O. Box 15 Address _____
Ellenboro, West Virginia 26346
- 8) SURFACE OWNER Ralph Seese 13) COAL OWNER(S) WITH DECLARATION ON RECORD:
 Address P.O. Box 15 Name _____
Ellenboro, West Virginia 26346 Address _____
 Acreage 11.7 Name _____
 Address _____
- 9) FIELD SALE (IF MADE) TO:
 Address _____
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name Samuel N. Hershman
 Address P.O. Box 66
Smithville, West Virginia 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, 5990 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	<u>11 3/4</u>				<input checked="" type="checkbox"/>				Kinds
Fresh water									Sizes
Coal									Depths set
Intermediate	<u>8 5/8</u>		<u>23</u>	<input checked="" type="checkbox"/>		<u>950</u>		<u>240 bags</u>	Perforations: Top Bottom
Production	<u>4 1/2</u>		<u>10</u>	<input checked="" type="checkbox"/>		<u>5990</u>		<u>AS NEEDED</u>	
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. Billford
 Its: Asst. to President

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-085-6055 Date December 3 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 August 3, 1983 unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond: <u>Blanket</u>	Agent: <u>M.J.</u>	Plat: <u>M.J.</u>	Casing: <u>M.J.</u>	Fee: <u>300</u>
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Fred B. ...
 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.

04/05/2024

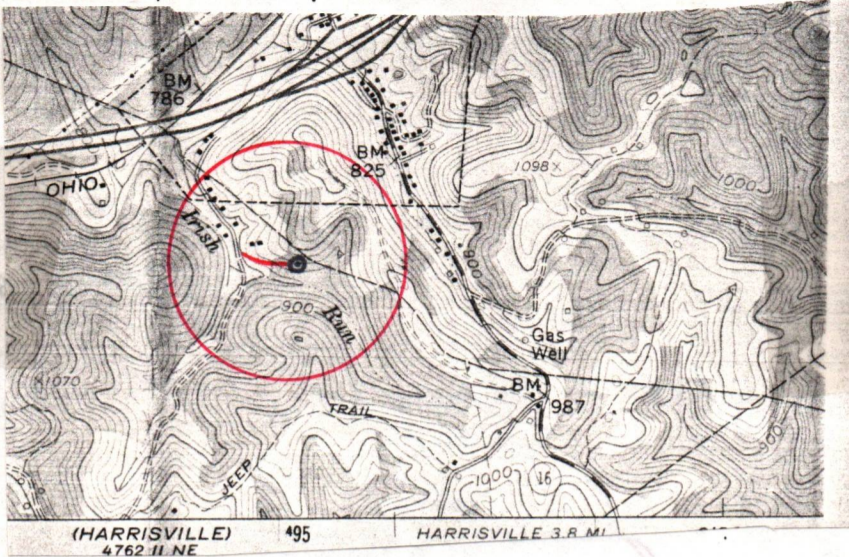
Date: _____, 19____ By: _____
 Its: _____

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

LEGEND

Well Site ⊕

Access Road ———



WELL SITE PLAN

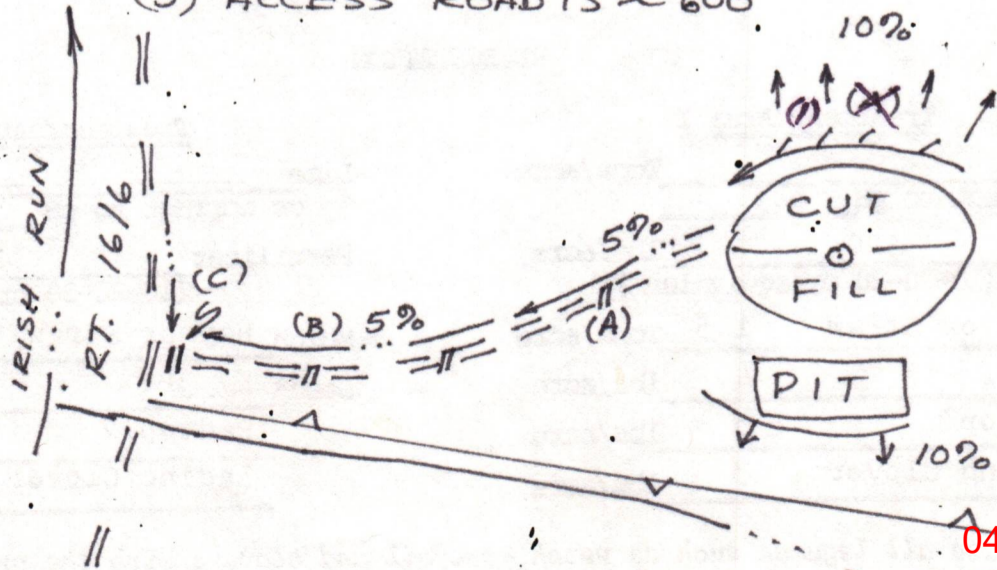
Sketch to include well location, existing access road, roads to be constructed, wellsite drilling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.

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 WOODED - SLOPE IS 10%
- (2) SITE IS ON FLAT
- (3) ACCESS ROAD IS ~ 600'



04/05/2024



DATE Nov. 15, 1982

WELL NO. SEESE #1

State of West Virginia

API NO. 47-085-6035

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, WV
 Telephone 304-842-6961 Telephone 304-842-6961
 LANDOWNER R. SEESE SOIL CONS. DISTRICT LITTLE KANAWHAH
 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: 11-19-82 (Date)

Jarrett Newton
(SCD Agent)

ACCESS ROAD	LOCATION
Structure <u>Cross Drains</u> (A)	Structure <u>DIVERSION DITCH</u> (1)
Spacing <u>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 _____
Page Ref. Manual <u>2-12</u>	Page Ref. Manual _____
Structure <u>Culvert C.M.P. 18" ID min</u> (C)	Structure _____ (3)
Spacing <u>AT MAIN ROAD</u>	Material _____
Page Ref. Manual <u>2-7</u>	Page Ref. Manual _____

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DEPT. OF MINES

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

REVEGETATION

Treatment Area I	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

*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. Inoculate with 3X recommended amount. 04/05/2024

PLAN PREPARED BY Neal Hughes
ADDRESS Rt 1 Box 2
Berea, W. Va. 26327
PHONE NO. 304-659-2378

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

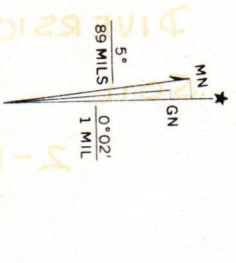
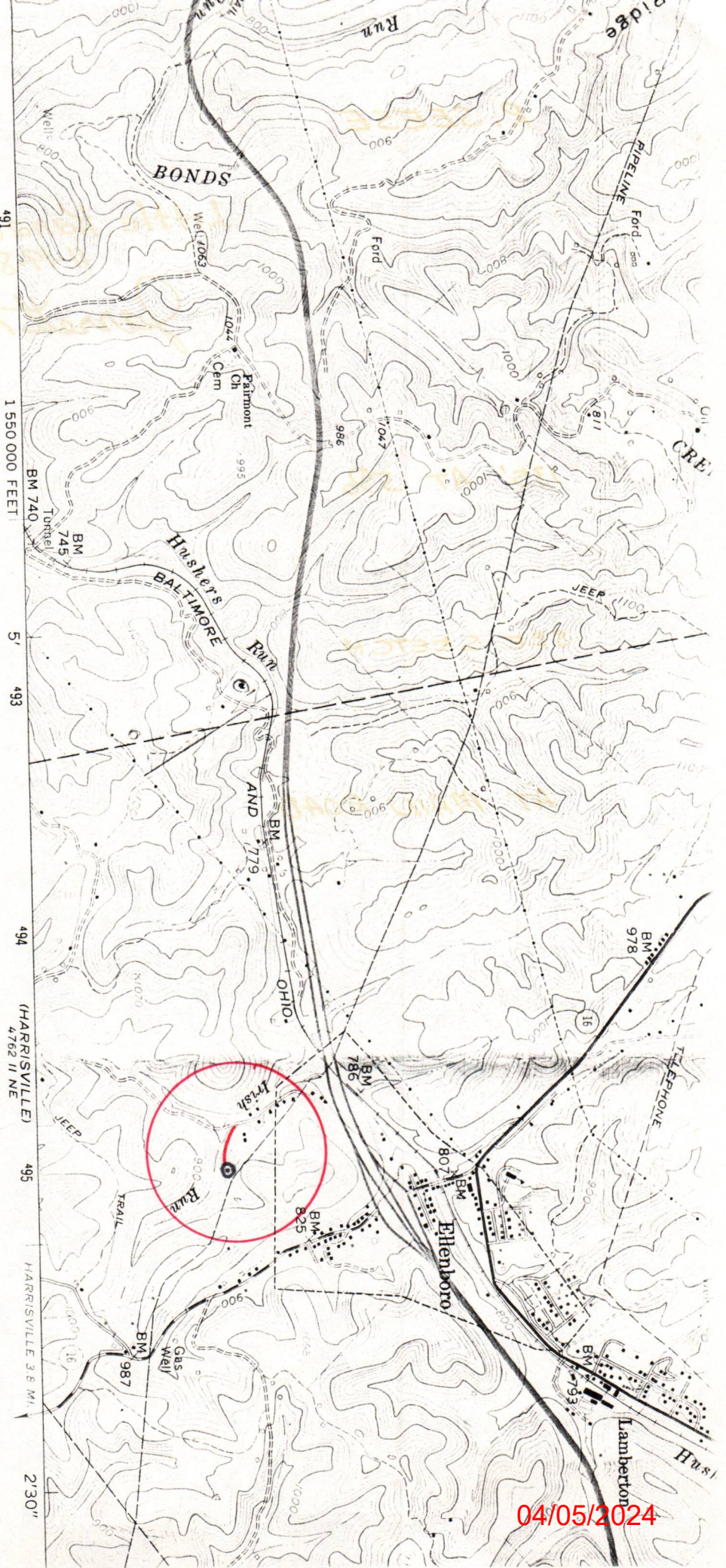
...shed by the Geological Survey

...SS
...field checked 1961

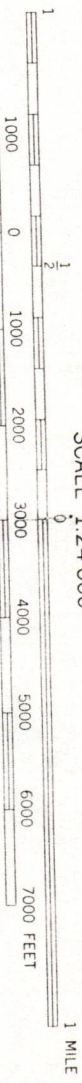
...North American datum
...est Virginia coordinate system,
...verse Mercator grid ticks.

...selected fence and field lines where
...topographic. This information is unchecked

...omplied in cooperation with
...es from aerial photographs
...on not field checked



UTM GRID AND 1975 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET



SCALE 1:24 000

CONTOUR INTERVAL 20 FEET
NATIONAL GEODETIC DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

04/05/2024

Lessor may lay a line to any gas well on said lands and take gas produced from said well for use for light and heat in one dwelling house on said land, at Lessor's own expense and risk, subject to the use and the right of abandonment of the well by the Lessee. The first two ^{unlimited} hundred thousand (200,000) cubic feet of gas taken in each year shall be free of cost, but all gas in excess of two hundred thousand (200,000) cubic feet taken in each year shall be paid for at the current published rates in the town nearest the premises above described and the measurements and regulations shall be by meter and regulators set at the tap on the line. This privilege is upon the condition that Lessor shall subscribe to and be bound by the reasonable rules and regulations of the Lessee relating to the use of free gas.

Lessee is hereby granted the right to operate the herein leased premises as one entity and in the event Lessor subdivides or sells part of the leased premises or oil and gas rights under the leased premises to one or more parties, Lessee shall not be obligated to construct separate oil and gas processing, storage, or measurement facilities to account for production from existing wells or new wells drilled on separate tracts created by subdivision or sale, and it shall be the sole responsibility of the realty owners, whether one or more, to decide among themselves as to how the division of royalty and disbursements of funds accruing to the Lessors under the term of the royalty clause of this oil and gas lease shall take place. The drilling or existence of a producing well on any parcel shall have the same effect of continuing this lease in force as to the entire acreage covered hereby as though the premises had not been divided.

It is agreed that the acreage rentals paid and to be paid, as herein provided, are and will be accepted by Lessor as adequate and full consideration to render it optional with Lessee as to whether or not it shall drill a well or wells to offset producing wells on adjoining or adjacent premises.

Payment of all monies due on this lease may be made by cash or check, and may be paid direct to: Ralph Seese Beaulah Seese His wife or mailed to Box 15 address at Ellensburg, WA 26346

No breach of this lease on Lessee's part shall be deemed to have occurred by reason of Lessee's violation of any of the terms herein unless the Lessor shall have first given written notice of such violation to the Lessee, and Lessee had failed to commence curing such violation within thirty (30) days of the receipt of said written notice from Lessor.

All covenants and conditions between the parties hereto shall extend to their heirs, executors, successors and assigns and the Lessor hereby warrants and agrees to defend the title to said land and agrees that the Lessee at its option may discharge any tax, mortgage, or other lien upon said land, either in whole or in part, and in the event Lessee does so, it shall be subrogated to such lien with the right to enforce same and apply rentals and royalties accruing hereunder toward satisfying same. Without impairment of Lessee's rights under the warranty in the event of failure of title, it is agreed that if Lessor owns an interest in said land less than the entire fee simple estate, then the royalties and rentals to be paid Lessor shall be reduced proportionately, and the Lessor shall repay to Lessee all rentals paid by Lessee to Lessor for any interest not owned by Lessor.

IN WITNESS WHEREOF, the parties hereto have hereunto set their hands this day and year first above written.

Signed in the presence of:

LESSOR:

Jack E. Chipp

Ralph Barton Seese

witness

Jack E. Chipp Oct 12, 82

Beaulah Seese

04/05/2024

witness

x Leda G. Hill Oct 12, 82

x Allie J. Hill Oct 12, 82

OIL AND GAS LEASE

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THIS AGREEMENT made this 8th day of October, 1982, by and between Ralph Barton Seese & Beaulah Seese his wife of Leola H Hall & Ollie Hall her husband October 12 - 1982 hereinafter called the LESSOR, and PANTHER FUEL COMPANY, hereinafter called the LESSEE:

WITNESSETH: That the said Lessor, in consideration the receipt of which is hereby acknowledged and of the covenants and agreements hereinafter contained, does hereby grant unto the Lessee all of the oil and gas and of the constituents of either, in or under the lands hereinafter described, together with the exclusive rights to drill for, produce and market oil and gas and their constituents and also the right to enter thereon at all times for the purposes of drilling and operating for oil, gas and water and to possess, use and occupy so much of said premises as is necessary and convenient in removing the above named products therefrom by pipe lines or otherwise for a term of 3 1/2 (3 1/2) years and so much longer thereafter as oil, gas or their constituents are produced in paying quantities thereon, all of that certain tract of land situated in:

Section _____, District of Clay, County of Ritchie, and State of W.Va., bounded substantially as follows:

On the North by the lands of _____,
On the East by the lands of _____,
On the South by the lands of _____,
On the West by the lands of _____,
containing 11 7/10 (11 7/10) acres, more or less.

No well to be drilled nearer than one hundred (100) feet to house or barn except by the consent of Lessor.

In consideration of the premises the said parties covenant and agree as follows:

Lessee to deliver for the benefit of Lessor in tanks or pipe lines one-eighth (1/8) of the oil produced and saved from the premises. Lessor to receive the one-eighth (1/8) of the proceeds from the sale of the gas produced from this tract, to be paid within ten (10) days of the receipt of said proceeds by the producer of the well

Lessee to commence a well on said premises within 3 1/2 (3 1/2) months from this date or pay to Lessor 360.00 dollars (~~\$360.00~~), each year, payable yearly thereafter until such well is drilled or this lease surrendered. LESSEE MUST DRILL A WELL BY FEBRUARY 1 1982 OR FORFEIT THIS LEASE.

Notwithstanding anything herein to the contrary, this lease shall continue in full force so long as there is a well or wells on the leased premises capable of producing oil or gas, but in the event all such wells are shut in, then on or before the end of each calendar year during which the wells are shut in, Lessee shall pay to Lessor a shut-in royalty equal to the delay rental provided herein. Provided, however, in the event a shut in is due to the fact that paying quantities of all such wells cannot be produced because they cannot be marketed, no shut-in royalty need be paid by Lessee, and the Lease shall continue in effect so long as there is a well or wells on the leased premises capable of producing oil or gas.

Lessee shall bury, when so requested by Lessor, all pipe lines used to conduct gas or oil off the premises and pay all damages to growing crops caused by operations under this lease; said damages, if not mutually agreed upon, to be ascertained and determined by three (3) disinterested persons, one thereof to be appointed by the Lessor, one by the Lessee, and the third by the two so appointed as aforesaid, and the award of such three (3) persons shall be final and conclusive.

Lessor agrees the Lessee is to have the privilege of using sufficient oil, gas or water, for fuel, in operating the premises, the right of way over and across said premises and the right to remove at any time any machinery or fixtures placed on said premises by it.

Restoration of well site location will be completed within six months from date of drilling pending weather conditions. Land will be restored to as near normal as possible.

THIS INSTRUMENT PREPARED BY PANTHER FUEL CO.

RECEIVED
DEC 01 1982
OIL & GAS DIVISION
DEPT. OF MINES

04/05/2024

STATE OF WEST VIRGINIA
COUNTY OF Ritchie, SS:

The foregoing instrument was acknowledged before me this 8th day of Oct., 1982, by Ralph Barton Seese & Beulah Seese

My Commission Expires March 26, 1991

Larry Schend
Notary Public



RELEASE

PANTHER FUEL COMPANY, Lessee, having paid to the Lessor, _____

One Dollar (\$1.00) and all amounts due hereunder, and having elected to surrender the within lease and all its rights hereunder, does hereby surrender and cancel the same and hereby endorses its surrender hereon. ;

IN WITNESS WHEREOF, it has hereunto set its hand, this _____ day of _____, 1982.

Signed in the presence of:

This instrument prepared by:
PANTHER FUEL COMPANY

Notary Public

ACKNOWLEDGEMENTS

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STATE OF W. Virginia)
COUNTY OF Ritchie) ss.

I, LARRY SCHENCK, a Notary Public of said county, do certify that LEOLA G. HALL & OLLIE HALL, whose name is signed to the writing hereto annexed bearing date on the 12th day of OCT., 1982, has this day acknowledged the same before me, in my said county.

Given under my hand this 12th day of OCT., 1982.

My Commission expires:

My Commission Expires March 26, 1991

Larry Schenck
Notary Public



STATE OF W. Virginia)
COUNTY OF _____) ss.

I, _____, a Notary Public of said county, do certify that _____, whose name is signed to the writing hereto annexed bearing date on the _____ day of _____, 19____, has this day acknowledged the same before me, in my said county.

Given under my hand this _____ day of _____, 19____.

My Commission expires:

Notary Public

STATE OF W. Virginia)
COUNTY OF _____) ss.

I, _____, a Notary Public, do certify that _____, who signed the writing hereto annexed for _____, bearing date the _____ day of _____, 19____, has this day, in my said county, before me acknowledged said writing to be the act and deed of said corporation

Given under my hand this _____ day of _____, 19____.

My Commission Expires:

Notary Public

STATE OF W. Virginia)
COUTNY OF _____) ss.

I, _____, a Notary Public of said county, do certify that _____, whose name is signed to the writing hereto annexed bearing date the _____ day of _____, 19____, as attorney in fact for _____, has this day acknowledged the same before me in my said county.

Given under my hand this _____ day of _____, 19____.

My Commission expires:

04/05/2024



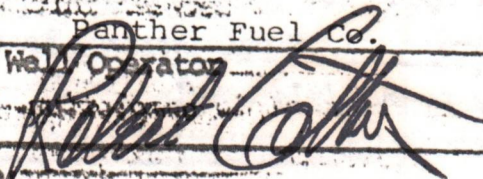
DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

4 stages: Nowsco 750 mscf of N₂ per stage, approximately 40 holes.

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			1,715	1,822	
Keener Sand			1,822	1,858	Gas show
Big Injun			1,858	1,924	Show oil & gas
Weir Sandy Shale			2,005	2,082	Show gas
Gantz Sand			2,240	2,256	
Gordon Sand			2,506	2,526	Show gas
Fifth Sand			2,696	2,706	Show oil & gas
Brallier Shale Top			2,870		
Warren Shale			3,333	3,406	oil & gas
Brallier Shale Bottom				3,999	oil & gas
Harrell Shale Top			3,999		oil & gas
Benson Horizon			4,675	4,680	gas
Harrell Shale Bottom				5,192	
Hamilton Shale			5,192	5,706	gas

(Attach separate sheets as necessary)

Panther Fuel Co.
Well Operator
By: 
Date: 04/05/2024

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."



IV-35
(Rev 8-81)

Date June 7, 1983
Operator's _____
Well No. One (1)
Farm Ralph Seese
API No. 47 - 085 - 6055

State of West Virginia
Department of Mines
Oil and Gas Division

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

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		
				RECOVERED	SIZE	LOST
PLUGS USED AND DEPTH PLACED			BRIDGES		CASING AND TUBING	
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION		RECOVERED	SIZE

Drillers' Names _____

Remarks:

04/05/2024

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

DISTRICT WELL INSPECTOR

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

INSPECTOR'S WELL REPORT

Permit No. 85-6055

Oil or Gas Well _____
(KIND)

Company Panther Fuel Co.

Address _____

Farm Ralph Seese

Well No. P-156-1

District Clay County _____

Drilling commenced 1-30-83

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 _____

RECEIVED
FEB 8 - 1983
OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

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 Ronald Starcher Ricky Knight Allen Huffman

Remarks: Clint Hunt Rig #1 tool Pusher Danny Starcher

on 2-2-83 Ran 1004 foot of 8 5/8 casing
Halliburton cement with 150 sacks Pos mix
and 125 sacks neat - 275 total
3233 foot deep at time of visit

2-3-83
DATE

Samuel N. Heroman 04/05/2024
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: _____

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

04/05/2024
DISTRICT WELL INSPECTOR

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
FINAL INSPECTION REQUEST
INSPECTOR'S COMPLIANCE REPORT

RECEIVED
 NOV 29 1983
 OIL & GAS DIVISION
 DEPT. OF MINES

Permit No. 085-6055 County Ritchie/Clay
 Company Panther Fuel Co. Farm Ralph Seese
 Inspector SAMUEL N. HERSMAN Well No. P-156-1
 Date August 1, 1983

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 Strength	_____	_____
23.02	Maintained Access Roads	_____	_____
25.01	Necessary Equipment to prevent Waste	_____	_____
23.03	Reclaimed Drilling Site	<u>X</u>	_____
23.04	Reclaimed Drilling Pits	<u>X</u>	_____
23.05	No surface or underground Pollution	_____	_____
7.03	Identification Markings	<u>X</u>	_____

COMMENTS: _____

O.K. To Release

I have inspected the above well and (HAVE/HAVE NOT) found it to be in compliance with all of the rules and regulations of the Office of Oil and Gas Department of Mines of the State of West Virginia.

SIGNED: *Mike Anderson*
 11-23-83

04/05/2024



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

WALTER N. MILLER
DIRECTOR

THEODORE M. STREIT
ADMINISTRATOR

January 4, 1984

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

In Re: PERMIT NO: 47-085-6055
FARM: Ralph Seese
WELL NO: P-156-1
DISTRICT: Clay
COUNTY Ritchie

Gentlemen:

The FINAL INSPECTION REPORT for the above described well has been received in this office. Only the column check 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.

XXXXXXXX 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/rl

04/05/2024

IV-27
11/23/81

RECEIVED
SEP 7 - 1983



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Date: 9-2-83
Well No: _____
API NO: 47 - 85-6055
State County Permit

OIL & GAS DIVISION
DEPT. OF MINES

**Oil and Gas Division
NOTICE OF VIOLATION**

WELL TYPE: Oil ✓ / Gas X / Liquid Injection _____ / Waste Disposal _____ /
Of "Gas" - Production _____ / Storage _____ / Deep _____ / Shallow X /

LOCATION: Elevation: _____ Watershed: Grass Run
District: Grant County: Ritchie Quadrangle: Ellenboro

WELL OPERATOR Panther Fuel DESIGNATED AGENT Donley Sellers
Address _____ Address _____

The above well is being posted this 2 day of Sept, 1983, for a
violation of Code 22-4-12B and/or Regulation 23.03, set forth in detail as follows:

(USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)

Reclamation Incomplete

Well is also wasting gas without permit

A copy of this notice has been posted at the well site and sent by certified or
registered mail to the indicated well operator or his designated agent.

You are hereby granted until Sept 9, 1983, to abate this violation.

Failure to abate the violation may result in action by the Department under
Code 22-4-17 or Code 22-4-18.

Samuel N. Hersman
Oil and Gas Inspector

Address P.O. Box 66
Smithville WV

Telephone: 477-3587 04/05/2024

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

NOTICE OF ABATEMENT

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

LOCATION: Elevation: _____ Watershed: TRILL P.

District: Grant County: _____ Quadrangle: Ellettsboro

WELL OPERATOR Panther Fuel DESIGNATED AGENT Danley V. Hiers

Address Bridgeport W. Va. Address _____

Notice is hereby given that the undersigned authorized oil and gas inspector made a special inspection of the above named well on 9-13-83, 1983,

- Upon the expiration of a period of time originally fixed for abatement.
- Upon the order of the Deputy Director for Oil and Gas at the request of the well operator.
- Upon the request of the Deputy Director for Oil and Gas.

The violation of Code § 22-4-12-b heretofore found to exist on 9-2-83, 1983, by Form IV-27, "Notice of Violation" Form IV-28, "Imminent Danger Order" of that date has been totally abated. If the abated violation was found by an Imminent Danger Order requiring operations to cease, such requirement is hereby rescinded, and the well operator is hereby notified that he may resume operations.

COMMENTS

No Violation HAS BEEN ABATED.

light copy

RECEIVED
SEP 23 1983

OIL & GAS DIVISION
DEPT. OF MINES

A copy of this notice has been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent.

Mike Underwood 04/05/2024
Oil and Gas Inspector
Address: P.O. 2, Box 135
Subing, W. Va.
Telephone: 782-1043

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

INSPECTOR'S WELL REPORT

Permit No. 85-6055

Oil or Gas Well _____
(KIND)

Company Panther Fuel Co
 Address _____
 Farm Ralph Seese
 Well No. P-156-1
 District Clay County Ritchie
 Drilling commenced 1-30-83
 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 3/4			Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top Perf. bottom

RECEIVED

FEB 8 - 1983

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

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 Ronald Starcher Ricky Knight Allen Huffman
Clint Hurt Rig #1 Tool Pusher Danny Starcher
 Remarks: Ran 78 foot of 11 3/4 casing for conductor
Cemented in with 10 sacks cement

1-31-83
DATE

Samuel N. Huffman 04/05/2024
DISTRICT WELL INSPECTOR

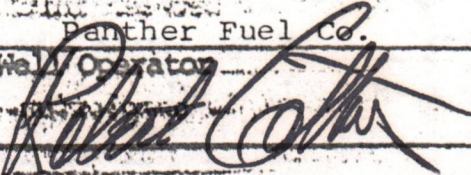
DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

4 stages: Nowsco 750 mscf of N₂ per stage, approximately 40 holes.

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			1,715	1,822	
Keener Sand			1,822	1,858	Gas show
Big Injun			1,858	1,924	Show oil & gas
Weir Sandy Shale			2,005	2,082	Show gas
Gantz Sand			2,240	2,256	
Gordon Sand			2,506	2,526	Show gas
Fifth Sand			2,696	2,706	Show oil & gas
Brallier Shale Top			2,870		
Warren Shale			3,333	3,406	oil & gas
Brallier Shale Bottom				3,999	oil & gas
Harrell Shale Top			3,999		oil & gas
Benson Horizon			4,675	4,680	gas
Harrell Shale Bottom				5,192	
Hamilton Shale			5,192	5,706	gas

(Attach separate sheets as necessary)

Panther Fuel Co.
Well Operator
By: 
Date: 04/05/2024

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 June 7, 1983
Operator's
Well No. One (1)
Farm Ralph Seese
API No. 47 - 085 - 6055

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: 843 G.L. Watershed Lost Run
District: Clay County Ritchie Quadrangle Ellenboro 7.5

COMPANY Panther Fuel Co.
ADDRESS P.O. Box 850, Bridgeport, W.Va. 26330
DESIGNATED AGENT Dave Harmer
ADDRESS P.O. Box 850, Bridgeport, W.Va. 26330
SURFACE OWNER Ralph Seese
ADDRESS Ellenboro, W.Va.
MINERAL RIGHTS OWNER Ralph Seese
ADDRESS Ellenboro, W.Va.
OIL AND GAS INSPECTOR FOR THIS WORK Samuel Hersman
ADDRESS Smithville, W.Va.
PERMIT ISSUED
DRILLING COMMENCED January 28, 1983
DRILLING COMPLETED February 5, 1983
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"	30		
9 5/8			
8 5/8	1,015	1,015	to surface
7			
5 1/2			
4 1/2		5,642	650 sacks
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Marcellus Shale Depth 5,990 feet
Depth of completed well 5,595 feet Rotary X / Cable Tools
Water strata depth: Fresh 70 feet; Salt 900 feet
Coal seam depths: Is coal being mined in the area?

OPEN FLOW DATA
Producing formation Hamilton Shale Pay zone depth 5,705 feet
Gas: Initial open flow show Mcf/d Oil: Initial open flow -0- Bbl/d
Final open flow 525 Mcf/d Final open flow -0- Bbl/d
Time of open flow between initial and final tests 4 hours
Static rock pressure 1,055 psig (surface measurement) after 72 hours shut in
(If applicable due to multiple completion) 04/05/2024
Second producing formation Harrell Shale Pay zone depth 5,020 feet
Gas: Initial open flow show Mcf/d Oil: Initial open flow show Bbl/d
Final open flow 450 Mcf/d Oil: Final open flow show Bbl/d
Time of open flow between initial and final tests hours
Static rock pressure psig (surface measurement) after hours shut in

(Continue on reverse side)

217 - 6055