



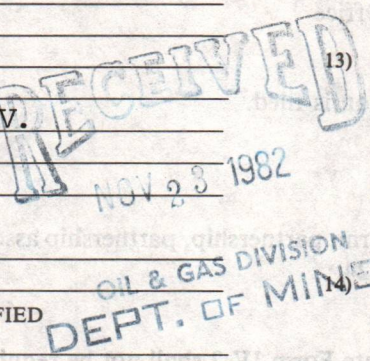
1) Date: November 23, 1982
 2) Operator's Well No. WI 020
 3) API Well No. 47 085 105 6035
 State WI County 085 Permit 6035

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 XX /
 B (If "Gas", Production XX / Underground storage / Deep / Shallow XX /)
- 5) LOCATION: Elevation: 645.26 Watershed: South Fork of Hughes River
 District: Grant County: Ritchie Quadrangle: Girta
- 6) WELL OPERATOR Bow Valley Petroleum Inc. 11) DESIGNATED AGENT W.E. Stover
 Address 600 Commerce Square Address Box 235
Charleston, WV. Culloden, WV.
- 7) OIL & GAS ROYALTY OWNER Glen W. Roberts Estate 12) COAL OPERATOR N/A
 Address Elizabeth, WV. Address
- 8) SURFACE OWNER Westvaco 13) COAL OWNER(S) WITH DECLARATION ON RECORD:
 Address Parkersburg, WV. Name
 Address Address
- 9) FIELD SALE (IF MADE) TO:
 Address Name
 Address Address
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED 14) COAL LESSEE WITH DECLARATION ON RECORD:
 Name Deo Mace Name
 Address Rt 1 Box 5 Address
Sand Ridge, WV. 655-7398
- 15) PROPOSED WORK: Drill XX / 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, 5300 feet
 18) Approximate water strata depths: Fresh, 95 feet; salt, feet.
 19) Approximate coal seam depths: N/A Is coal being mined in the area? Yes / No XXXX



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	13			x		30	30	to surface	Kinds
Fresh water	9 5/8			x		250	250	to surface	
Coal									Sizes
Intermediate	7		23	x		1750	1750	125 sks to	surface
Production	4 1/2		10 1/2	x		5250	5250	260 sks	Depths set
Tubing									
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: _____
 My Commission Expires _____

Signed: Charlton B. Roberts
 Its: Geologist

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-085-6035 November 30, 1982
 Date 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 30, 1983 unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond: <u>Blanket</u>	Agent: <u>OK</u>	Plat: <u>M. J. M. J.</u>	Casing: <u>M. J. M. J.</u>	Fee: <u>418</u>
----------------------	------------------	--------------------------	----------------------------	-----------------

 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.

04/05/2024

Date: _____, 19_____

By _____

Its _____



DATE NOVEMBER 20, 1982

WELL NO. #W1020

State of West Virginia API NO. 47-085-6035

Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME BOW VALLEY PETROLEUM, INC.
Address 600 COMMERCIAL SQ. CHARLESTON, WV
Telephone 304-344-8393

DESIGNATED AGENT W. E. STOVER
Address Box 235 CULLOPEN, WV
Telephone 304-562-3376

LANDOWNER WESTVACO CORP.

SOIL CONS. DISTRICT LITTLE KANAWHA

Revegetation to be carried out by BOW VALLEY PETROLEUM, INC. (Agent)

This plan has been reviewed by LITTLE KANAWHA SCD. All corrections and additions become a part of this plan: 11-22-82

(Date)
Jarrett Newton
(SCD Agent)

ACCESS ROAD

LOCATION

Structure No Access Road Need (A)

Structure see sketch (1)

Spacing BE CONSTRUCTED

Material _____

Page Ref. Manual _____

Page Ref. Manual _____

Structure _____ (B)

Structure _____ (2)

Spacing _____

Material _____

Page Ref. Manual _____

Page Ref. Manual _____

Structure _____ (C)

Structure _____ (3)

Spacing _____

Material _____

Page Ref. Manual _____

Page Ref. Manual _____

RECEIVED
NOV 23 1982

OIL & GAS DIVISION
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 + II

Treatment Area II

Lime 2 Tons/acre
or correct to pH 6.5

Lime _____ Tons/acre
or correct to pH _____

Fertilizer 600 lbs/acre
(10-20-20 or equivalent)

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

Mulch HAY 2 Tons/acre

Mulch _____ Tons/acre

Seed* KENTUCKY 31 FESCUE 45 lbs/acre

Seed* _____ lbs/acre

LADINO CLOVER 5 lbs/acre

_____ lbs/acre

RYE 5 lbs/acre

_____ lbs/acre

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

04/05/2024

PLAN PREPARED BY WILLIAM F. HENRICHS, III

ADDRESS 600 COMMERCIAL SQ.

CHARLESTON, WV

PHONE NO. 304-344-8393

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



04/05/2024

RECEIVED

NOV 23 1982

OIL & GAS DIVISION
DEPT. OF MINES


04/05/2024

Line Item 21) - Pursuant to Code 22-4-11(c) the applicant, Bow Valley Petroleum, in lieu of filing the lease with the permit application, does hereby provide the following information:

- 1.) Prunty tract is located in Murphy District of Ritchie County, West Virginia, containing 531 acres more or less and bounded on the
North by Charles Roberts, Kelley
East by Nutter
South by Hughes River
West by Tipson
- 2.) Lessor - Glen W. Roberts (deceased)
Dorothy Parks Roberts (his wife)

Lessee - Flying Diamond Oil Corporation
Bow Valley Petroleum is successor in interest.
- 3.) Oil and Gas Lease is recorded in Wirt County Recorders office in Book 152 at Page 722.
- 4.) Landowners Royalty is 1/8 of all oil and/or gas produced.
Overriding Royalty is 4% of 8/8ths of all oil and/or gas produced.
Both are payable to Glen W. Roberts Estate.

I, Dennis K. Dangler, the undersigned, do hereby certify that the above provided information is correct and accurate to the best of my knowledge and belief and shows all the information required by law and regulations issued and prescribed by the Department of Mines.


Dennis K. Dangler
Land Manager

RECEIVED
NOV 23 1982

OIL & GAS DIVISION
DEPT. OF MINES

04/05/2024

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

1st Stage (N₂ Frac) Perforation Interval 4287'-5282' (30 holes)

800 gallons HCL @ 15% N₂ Pumped = 900,000 sft.³

Max. Pressure = 3250# Min. Pressure = 2800#

N₂ Injection Rate = 50,000 sft³/min. Partial Ballout

2nd Stage (N₂ Frac) Perforation Interval 2418'-3734' (28 holes)

1000 gallons HCL @ 15% Max. Pressure = 3100#

N₂ Pumped = 1,020,000 sft³ Min. Pressure = 2650#

N₂ Injection Rate = 48,000 sft³/min.

Partial Ballout

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Topsoil	Brown	Soft	0	15	
Shale		Soft	15	30	
Sand		Hard	30	65	
Shale		Soft	65	145	H ₂ O @ 65'
Sand		Hard	145	175	
Shale		Soft	175	185	H ₂ O @ 175'
Sand & Shale		Soft	185	245	
Shale & Red Rock		Soft	245	270	
Sand & Shale		Medium	270	365	
Sand		Hard	365	383	
Sand & Shale		Medium	383	394	
Shale & Red Rock		Soft	394	480	
Sand & Shale		Medium	480	538	
Shale		Soft	538	560	<u>Electric Log Tops</u>
Sand & Shale		Medium	560	584	
Shale & Red Rock		Soft	584	628	K.B. 655.26'
Sand & Shale		Medium	628	659	
Red Rock & Shale		Soft	659	667	Elev. 645.26
Sand		Hard	667	672	
Sand & Shale		Medium	672	949	Gbr. Lime 1506'-1614'
Sand		Hard	949	976	
Shale		Soft	976	1004	Injun Sand 1614'-1695'
Sand		Medium	1004	1278	
Sand & Shale		Soft	1278	1510	Squaw Sand 1703'-1712'
Big Lime		Hard	1510	1600	
Injun Sand		Hard	1600	1708	Weir Shale 1712'-2063'
Sand & Shale		Soft	1708	1827	
Shale	Gray	Soft	1827	5214	Sunbury Shale 2063'-2100'
Shale	Brown	Soft	5214	5498 T.D.	Dev. Shale 2100'-5426'

(Attach separate sheets as necessary)

Bow Valley Petroleum Inc.
Well Operator

By: Morris Combs 04/05/2024

Date: December 19, 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."

RECEIVED

DEC 22 1983

OIL & GAS DIVISION
DEPT. OF MINES



State of West Virginia
Department of Mines
Oil and Gas Division

Date December 16, 1983
Operator's Well No. WI020
Farm Roberts
API No. 47 - 105 - 6035
085-6035

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

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

LOCATION: Elevation: 645.26 Watershed South Fork of Hughes River
District: Grant County Ritchie Quadrangle Girta

COMPANY Bow Valley Petroleum Inc.
ADDRESS 600 Commerce Sq. Charleston, WV.
DESIGNATED AGENT Robert Long
ADDRESS Box 235, Culloden, WV.
SURFACE OWNER Westvaco
ADDRESS Parkersburg, WV.
MINERAL RIGHTS OWNER Glen W. Roberts Estate
ADDRESS Box 92 Elizabeth, WV.
OIL AND GAS INSPECTOR FOR THIS WORK Deo Mace
ADDRESS Sandridge, WV.
PERMIT ISSUED November 30, 1982
DRILLING COMMENCED November 30, 1982
DRILLING COMPLETED December 8, 1982
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"	35.70	35.70	25sks
9 5/8	277.85	277.85	to surface
8 5/8			
7	1803.60	1803.60	125sks
5 1/2			
4 1/2	5443.30	5443.30	185sks
3			
2		5349.65	
Liners used			

GEOLOGICAL TARGET FORMATION Devonian Shale Depth 2100'-5426' feet
Depth of completed well 5426' feet Rotary / Cable Tools
Water strata depth: Fresh 69 feet; Salt feet
Coal seam depths: N/A Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Devonian Shale Pay zone depth 2418'5282' feet
Gas: Initial open flow Show Mcf/d Oil: Initial open flow Bbl/d
Final open flow 189 Mcf/d Final open flow Bbl/d
Time of open flow between initial and final tests 48 hours
Static rock pressure 520 psig (surface measurement) after 12 hours shut in
(If applicable due to multiple completion--)
Second producing formation Pay zone depth feet
Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/d
Final open flow Mcf/d Oil: Final open flow 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)

R.T. 6035

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

RECEIVED

DEC - 3 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 85-6035

Oil or Gas Well _____
(KIND)

Company Bow Valley Pet Inc.

Address _____

Farm Westroco

Well No. W1-020

District Grant County Ritchie

Drilling commenced 11-30-82

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 1" stream at 175 foot feet

Salt water _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer _____
13			
10			Size of _____
8 1/4			
6 3/8			Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____

NAME OF SERVICE COMPANY _____

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

Drillers' Names J. D. McVickers - R. D. Winans - D. D. Harlan

Remarks: S.W. Jack Drilling Co. Rig #1 Tool Pusher Jerry Johnson

Moved on location = Rigged up - Drilling
220 foot deep at time of visit

11-30-82
DATE

Samuel M. Hersman
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. 85-6035

Oil or Gas Well _____
(KIND)

Company <u>Bow Valley Pet. Inc.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>Westvaco</u>	16			Kind of Packer _____
Well No. <u>W1-020</u>	13			
District <u>Grant</u> County <u>Ritchie</u>	10			Size of _____
Drilling commenced <u>11-30-82</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 <u>1" stream at 175'</u> feet	NAME OF SERVICE COMPANY _____			
Salt water _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names J. D. McVickers - R. D. Winans - D. D. Harlan

Remarks: S.W. Jack Drilling Co. Rig #1 Tool Pusher Jerry Johnson

Ran 275 foot of 9 5/8 casing
Dowel ran 100 sacks cement
Plug Down at 2:00 A.M.

12-1-82
DATE

Samuel H. Harman
DISTRICT WELL INSPECTOR

04/05/2024

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

Drillers' Names _____

Remarks: _____

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

04/05/2024
DIRECTOR

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. 85-6035

Oil or Gas Well _____
(KIND)

Company <u>BOW Valley Pet. Inc.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>Westvaco</u>	16			Kind of Packer _____
Well No. <u>W1-020</u>	13			Size of _____
District <u>Grant</u> County <u>Ritchie</u>	10			
Drilling commenced <u>11-30-82</u>	8 1/4			Depth set _____
Drilling completed _____ Total depth _____	6 5/8			
Date shot _____ Depth of shot _____	5 3/16			Perf. top _____
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. bottom _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. top _____
Volume _____ Cu. Ft.	Liners Used			Perf. bottom _____
Rock pressure _____ lbs. _____ hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY _____			
Fresh water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names J. D. McVickers / R. D. Winans / D. D. Haslan

Remarks: S. W. Jack Drilling Co Rig #1 Tool Pusher Jerry Johnson

on 12-3-82 Ran 1803' foot of 7" casing
44 joints total
Donnell Ran 120 sacks cement
Drilling out cement Plug at time of visit on 12-4-82
Pit O.K. at time of visit

12-4-82
DATE

Samuel N. Haslam
DISTRICT WELL INSPECTOR

04/05/2024

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 WELLS DIVISION

RECEIVED

DEC 10 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 85-6035

Oil or Gas Well _____
(KIND)

Company <u>Bow Valley Pet. Inc.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>Westvass</u>	16			Kind of Packer _____
Well No. <u>W1-020</u>	13			
District <u>Grant</u> County <u>Pitkin</u>	10			Size of _____
Drilling commenced <u>11-30-82</u>	8 1/4			
Drilling completed <u>12-7-82</u> Total depth <u>5498</u>	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 J. D. Vickers - R. D. Winans D. D. Harlan

Remarks: S. W. Jack Drilling Co. Rig # 1 Tool Pusher Jerry Johnson

Pulling drill pipe T.D. hole at 5498' foot
Ran 5402' foot of 4 1/2" casing

12-7-82
DATE

Samuel A. Harman
DISTRICT WELL INSPECTOR

04/05/2024

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

RECEIVED
 JAN 12 1984
 OIL & GAS DIVISION
 DEPT. OF MINES

Permit No. 47-085-6035 County Ritchie
 Company Bow Valley Petroleum Inc. Farm Westraes
 Inspector Samuel Hersman Well No. WI-020
 Date 1-6-84

RULE	DESCRIPTION	IN COMPLIANCE	
		Yes	No
23.06	Notification Prior to starting Work	<input checked="" type="checkbox"/>	<input type="checkbox"/>
25.04	Prepared before Drilling to prevent waste	<input checked="" type="checkbox"/>	<input type="checkbox"/>
25.03	High-Pressure Drilling	<input checked="" type="checkbox"/>	<input type="checkbox"/>
16.01	Required Permits at wellsite	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15.03	Adequate Fresh Water Casing	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15.02	Adequate Coal Casing	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15.01	Adequate Production Casing	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15.04	Adequate Cement Strength	<input checked="" type="checkbox"/>	<input type="checkbox"/>
23.02	Maintained Access Roads	<input checked="" type="checkbox"/>	<input type="checkbox"/>
25.01	Necessary Equipment to prevent Waste	<input checked="" type="checkbox"/>	<input type="checkbox"/>
23.03	Reclaimed Drilling Site	<input checked="" type="checkbox"/>	<input type="checkbox"/>
23.04	Reclaimed Drilling Pits	<input checked="" type="checkbox"/>	<input type="checkbox"/>
23.05	No surface or underground Pollution	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7.03	Identification Markings	<input checked="" type="checkbox"/>	<input type="checkbox"/>

COMMENTS: OK 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: Samuel M. Hersman
 DATE: 1-6-84

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 16, 1984

Bow Valley Petroleum, Inc.
600 Commerce Square
Charleston, W. Va. 25301

In Re: PERMIT NO: 47-085-6035
FARM: Westvaco
WELL NO: WI 020
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:

_____ 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.

XXXXXX 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

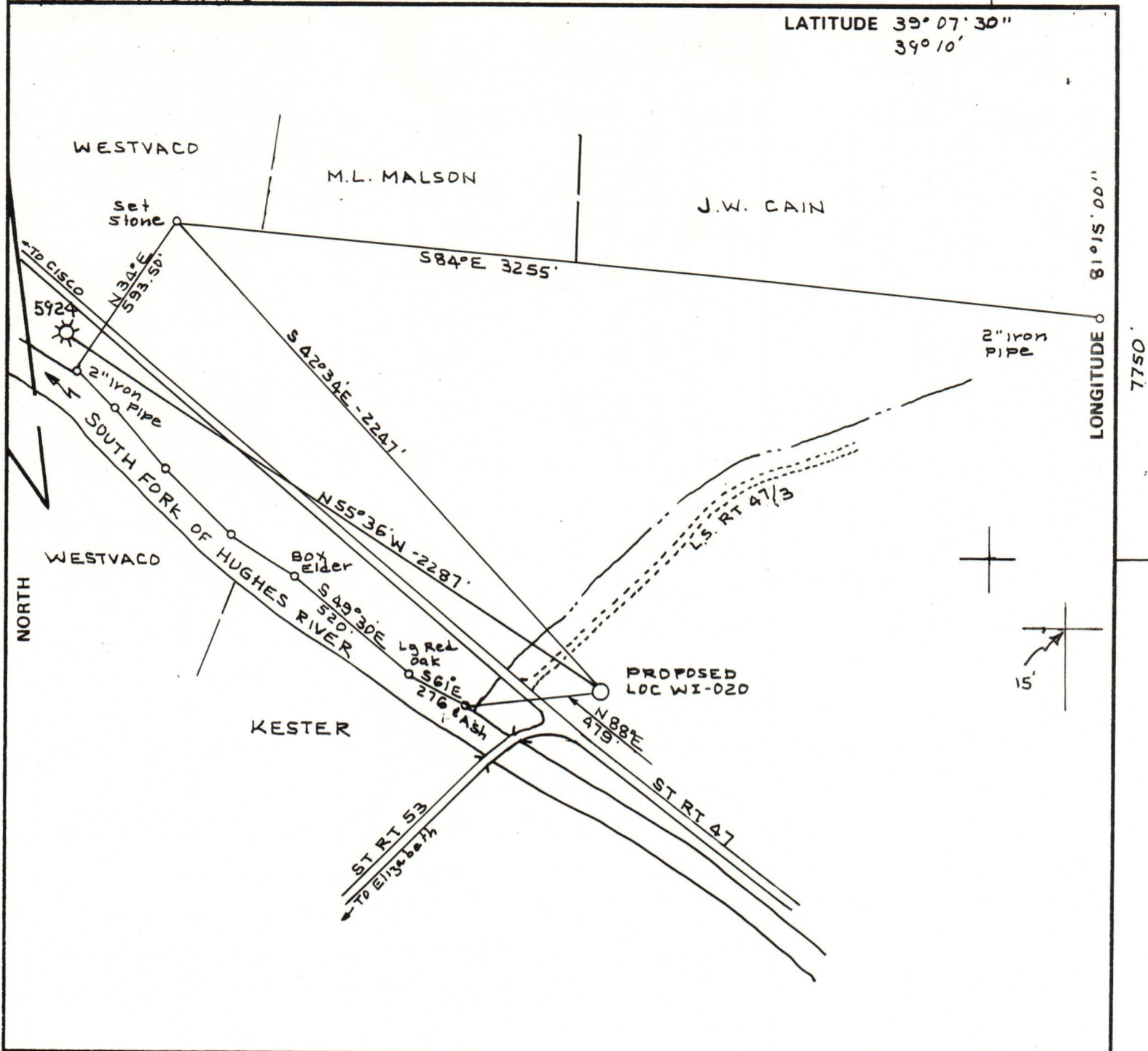
TMS/rl

04/05/2024

M.S. 11/28/82

1750'

LATITUDE 39° 07' 30"
39° 10'



FILE NO. BK 73 PG 83
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1-200'
 PROVEN SOURCE OF ELEVATION USGS Forks Road S.W. Loc E1 642

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) C. S. Valley Jr.
 R.P.E. _____ L.S. 92

PLACE SEAL HERE

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



DATE NOV 20, 1982
 OPERATOR'S WELL NO. WI-020
 API WELL NO. _____
47 - 085 - 6035
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 645.26 WATER SHED SOUTH FORK OF HUGHES RIVER
 DISTRICT GRANT COUNTY RITCHIE
 QUADRANGLE GIRTA 7.5'
 SURFACE OWNER WESTVACO ACREAGE 531
 OIL & GAS ROYALTY OWNER GLEN W. ROBERTS ESTATE LEASE ACREAGE 531 LEASE NO. 1898
 PROPOSED WORK: DRILL X 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 MARELLUS ESTIMATED DEPTH 5300'
 WELL OPERATOR BOV VALLEY PETRO. DESIGNATED AGENT W.E. STOVER
 ADDRESS 600 COMMERCE SQUARE ADDRESS BOX 235
CHARLESTON, WVA 25301 CULLODEN, WVA. 25510

04/05/2024