



1) Date: October 14, 19 82
 2) Operator's Well No. 989
 3) API Well No. 47 085 5992
 State County Permit

DRILLING CONTRACTOR:

Ray Resources
Charleston, WV

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: 1042.17 Watershed: Buffalo Run
 District: Grant County: Ritchie Quadrangle: Petroleum
- 6) WELL OPERATOR Bow Valley Petroleum 11) DESIGNATED AGENT W.E. Stover
 Address 600 Commerce Square Address Culloden, WV
Charleston, WV 25301
- 7) OIL & GAS ROYALTY OWNER Parkersburg National Bank, Trustee
 Address 514 Market Street
Parkersburg, WV 26101
 Acreage 125
- 8) SURFACE OWNER Westvaco 12) COAL OPERATOR _____
 Address Parkersburg, WV Address _____
 Acreage 70
- 9) FIELD SALE (IF MADE) TO: 13) COAL OWNER(S) WITH DECLARATION ON RECORD:
 Address _____ Name _____
 Address _____
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED 14) COAL LESSEE WITH DECLARATION ON RECORD:
 Name Samuel Hersman Name _____
 Address Box 66 Address _____
Smithville, WV 26178
- 15) PROPOSED WORK: Drill / Drill deeper / Redrill / Fracture or stimulate _____
 Plug off old formation / Perforate new formation /
 Other physical change in well (specify) _____
- 16) GEOLOGICAL TARGET FORMATION, Devonian Shale (Millboro)
- 17) Estimated depth of completed well, 5100' feet
- 18) Approximate water strata depths: Fresh, 85' feet; salt, _____ feet.
- 19) Approximate coal seam depths: _____ Is coal being mined in the area? Yes / No

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 OIL & GAS DIVISION
 DEPT. OF MINES
 NOV 15 1982

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 3/8"						30'	15	Kinds Stage tool	
Fresh water	9 5/8"						750'	150	Sizes 4 1/2"	
Coal										
Intermediate	7"						2100'	175		
Production	4 1/2"	K-55	10.5	x			5100'	275	Depths set 3700'	
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: Marvin L. Cole
 Its: Geologist

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-085-5992 Date November 12, 19 82
08/18/2023

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 12, 1983 unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond: <u>Blanket</u>	Agent: <u>M.A.</u>	Plat: <u>M.A.</u>	Casing: <u>M.A.</u>	Fee: <u>378</u>
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 Administrator, Office of Oil and Gas

Line Item Explanation

- 1) Date of Application
- 2) Your well name and number
- 3) To be filled out by office of oil & gas
- 4A) "Oil" means natural crude oil or petroleum and other hydrocarbons, regardless of gravity, which are produced at the well in liquid form by ordinary production methods and which are not the result of condensation of gas after it leaves underground reservoirs: "Gas" means all natural gas and all other fluid hydrocarbons not defined as oil.
- 4B) "Shallow well" means any well drilled and completed in a formation above the top of the uppermost member of the "Onondaga Group" or a depth less than six thousand feet, whichever is shallower.
"Deep well" means any well drilled and completed in a formation at or below the top of the uppermost member of the "Onondaga Group" or at a depth less than six thousand feet, whatever is shallower.
- 5) Where well is located
- 6) Before a permit can be issued in a corporation, company partnership, or fictitious name, the name must be registered with the Secretary of State Office
- 7) Use separate sheet if necessary
- 8) Present surface owner at time application is filed.
- 9) Optional
- 11) See Reg. 7.01 relating to code §22-4-1k
- 12) "Coal Operator" means any persons, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine. See Note 24
- 13 & 14) As per §22-4-20; See Note 24
- 15) Work that will be attempted—A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.
- 16) Anticipated formation for which well will be completed
- 17) Self explanatory
- 18) Depth to deepest freshwater, and shallowest salt water, taken from nearby wells corrected for differences in elevation
- 19) All coal seam depths
- 20) Proposed casing program and cementing refer to Code 22-4-5, 22-4-6, 22-4-7, 22-4-8, 22-4-8a Reg 9.01, 15.01, 15.02, 15.03, 15.04, 25.01, 25.02, 25.03, 25.04
- 21) Code 22-4-11(c) - In lieu of filing the lease or leases or other continuing contract or contracts, the applicant for a permit described herein may file the following:
 - (1) A brief description of the tract of land including the district and county wherein the tract is located;
 - (2) The identification of all parties to all leases or other continuing contractual agreements by which the right to extract, produce or market the oil or gas is claimed;
 - (3) The book and page number wherein each such lease or contract by which the right to extract, produce or market the oil or gas is recorded;
 - (4) A brief description of the royalty provisions of each such lease or contract.
- 22) Code 22-4-11(d) and 22-4-11(e).
- 23) Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code §22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code §22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the consent required by Code §22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.
- 24) **The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.**

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof.

WAIVER

The undersigned coal operator _____ / owner _____ / lessee _____ / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

08/18/2023


Date: _____, 19____


By _____

Its _____

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE PETROLEUM

LEGEND

Well Site 













Access Road 

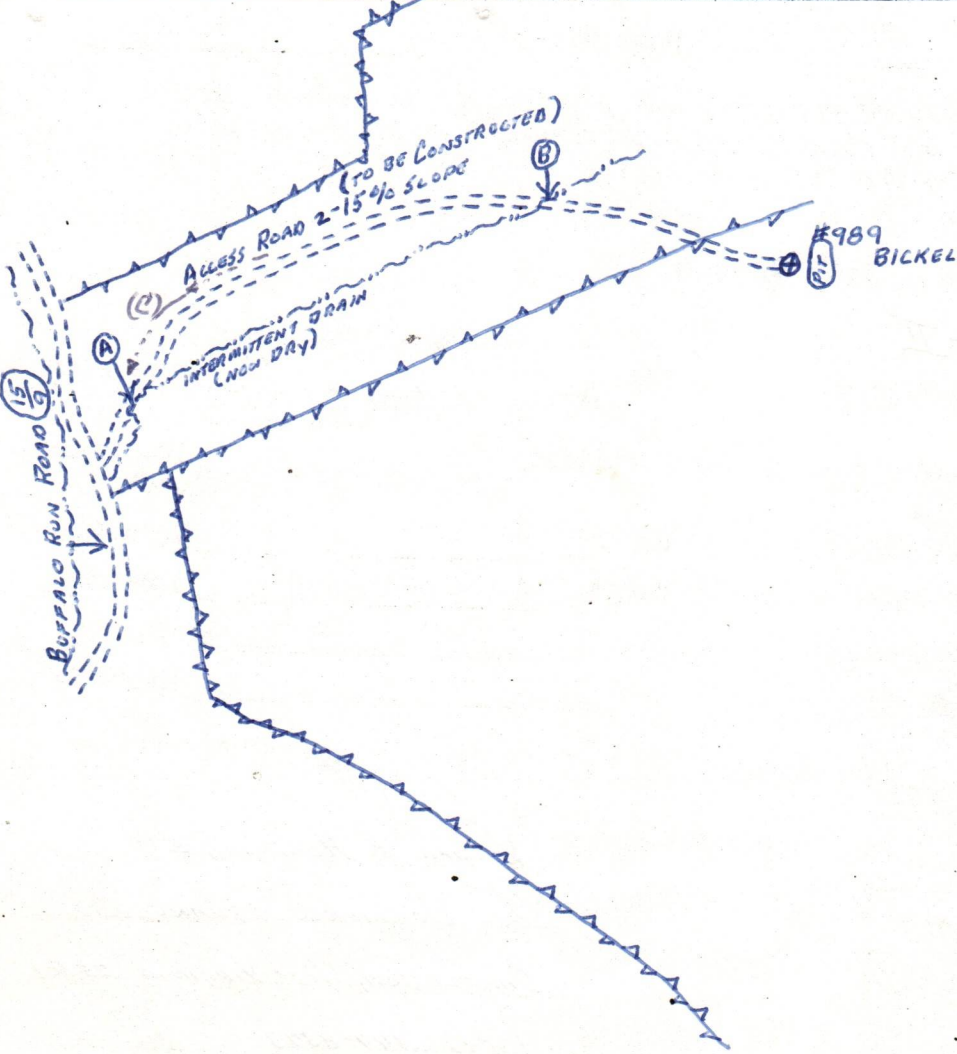
LOCATION IS ON A RELATIVELY FLAT WOODED BENCH. ACCESS ROAD WILL BE CONSTRUCTED UP THE SIDE OF THE RIDGE THROUGH A WOODED AREA. DRAINAGE STRUCTURES WILL BE INCLUDED AS PER SKETCH AT BOTTOM. ALL TIMBER DISTURBED WILL BE CUT AND STACKED.

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 	Wet spot 
Planned fence 	Building 
Stream 	Drain pipe 
Open ditch 	Waterway 



08/18/2023



IV-9
(Rev 8-81)

DATE 10-7-1982
WELL NO. #989 BICKEL
API NO. 47 - 085 - 5992

State of West Virginia
Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Bow Valley Petroleum, Inc.
Address 600 Commerce Square
Charleston, West Virginia 25301
Telephone (304) 344-8393

DESIGNATED AGENT W.E. Stover
Address Box 235
Culloden, West Virginia
Telephone (304) 562-5376

LANDOWNER Westvalco Corporation

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: 10-12-82 (Date)

Jarrett Newton
(SCD Agent)

ACCESS ROAD	LOCATION
Structure <u>CULVERT (18")</u> (A)	Structure <u>SEE SKETCH</u> (1)
Spacing <u>100'-200'</u>	Material _____
Page Ref. Manual <u>2-7</u>	Page Ref. Manual _____
Structure <u>CULVERT (18")</u> (B)	Structure _____ (2)
Spacing <u>100'-200'</u>	Material _____
Page Ref. Manual <u>2-7</u>	Page Ref. Manual _____
Structure <u>Drainage Ditch</u> (C)	Structure _____ (3)
Spacing _____	Material _____
Page Ref. Manual <u>2-12</u>	Page Ref. Manual _____



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

Location	Treatment Area I + II
Lime	<u>3</u> Tons/acre or correct to pH <u>6.5</u>
Fertilizer	<u>600</u> lbs/acre (10-20-20 or equivalent)
Mulch	<u>Hay</u> <u>2</u> Tons/acre
Seed*	<u>KENTUCKY 31 FESCUE</u> <u>45</u> lbs/acre
	<u>LADINO CLOVER</u> <u>5</u> lbs/acre
	<u>RYE</u> <u>5</u> lbs/acre

Treatment Area II
Lime _____ Tons/acre or correct to pH _____
Fertilizer _____ lbs/acre (10-20-20 or equivalent)
Mulch _____ Tons/acre
Seed* _____ lbs/acre
_____ lbs/acre
_____ lbs/acre

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

08/18/2023

PLAN PREPARED BY William F. Henrichs, III
ADDRESS 600 Commerce Square
Charleston, West Virginia 25301
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.

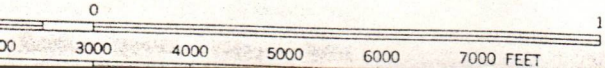


MACFARLAN 6.4 MI. 13 MI. TO W. VA. 16

08/18/2023

(GIRTA) 4762 III SE

SCALE 1:24000



1 MILE

477

ROAD CLASSIFICAT



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C. & G. DIVISION
DEPT. OF MINES

08/18/2023

EACH TIME LESSEE BEGINS DRILLING A WELL UNDER THIS LEASE, LESSEE MUST NOTIFY LESSOR (THIS FACT BY CERTIFIED MAIL WITHIN THIRTY (30) DAYS, FOR EACH FAILURE TO COMPLY WITH THIS, LESSEE SHALL PAY LESSOR ONE THOUSAND DOLLARS (\$1000.00) IN DAMAGES.

15. This lease embodies the entire contract and agreement between Lessor and Lessee, and no warranties, representations, promises or inducements not herein expressed have been made or relied upon by either party. The terms, conditions and stipulations hereof shall extend to the respective heirs, executors, administrators, successors and assigns of the parties hereto.

Witness the hands and seals of the parties hereto the day and year first above written.

WITNESS:

Larom B. Wright

The Parkersburg National Bank Tr u/a for Theor

Bickel June Whyte (SEAL)
Assistant Trust Officer (SEAL)

(SEAL)
(SEAL)
(SEAL)
(SEAL)
(SEAL)
(SEAL)

WEST VIRGINIA ACKNOWLEDGMENT THIS INSTRUMENT

STATE OF WEST VIRGINIA

COUNTY OF WOOD

To-wit:

PREPARED BY
THORN C. ROBERTS

I, THORN C. ROBERTS

a Notary Public of said County, do hereby certify that JUNE WHYTE
acting in her capacity as ASSISTANT TRUST OFFICER OF THE PARKERSBURG NATIONAL BANK, TRUSTEE

whose name IS signed to the within writing bearing date the 19TH day of JANUARY, 1981
has S this day acknowledged the same before me in my said County.

Given under my hand this 19TH day of JANUARY, 1981

Thorn C. Roberts

Notary Public STATEWIDE

My Commission expires JUNE 23, 1982

WEST VIRGINIA ACKNOWLEDGMENT

STATE OF WEST VIRGINIA

COUNTY OF _____

To-wit:

I, _____ a Notary Public of said County, do hereby certify that _____

whose name _____ signed to the within writing bearing date 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

OHIO ACKNOWLEDGMENT

STATE OF OHIO,

COUNTY OF _____

SS.

Before me, a Notary Public in and for said county, personally appeared the above named _____

that _____ he _____ did sign the foregoing instrument, and that the same is _____ who acknowledged
whereof I have hereunto subscribed my name at _____ free act and deed. In testimony
day of _____, 19____, this _____

My Commission expires _____

Notary Public

RAY RESOURCES TR DIVISION
BOW VALLEY PETROLEUM INC.
630 Commerce Square
Charleston, W. Va. 25301
Date _____, 19____
Acres _____
Location _____
County _____ State _____
Term _____

RECORDING DATA:

RAY RESOURCES TR DIVISION
630 Commerce Sq
Charleston, W. Va.
Globe Forging Rev. 85301
(Standard Oil of W. Va.)

Oil and Gas Lease

#2263

08/18/2023

Filed and admitted to record in the office
of the Clerk of the County Commission of Ritchie
County, W. Va. MAR 10 1981

19____ at _____ o'clock _____ P. M.
Recorded in Lease

Book No. 134

Page 437

Tested Janelle B. May

Clerk KS

OIL AND GAS LEASE

AGREEMENT, made and entered into this 19TH day of JANUARY A. D. 1981

by and between THE PARKERSBURG NATIONAL BANK, TRUSTEE U/W OF
THEOPHORA RICKEL, DECEASED
THEOPHORA

of PARKERSBURG, WEST VIRGINIA party of the first part, hereinafter called Lessor (whether one or more),
and PAY RESOURCES, DIV. OF BOW VALLEY PETROLEUM, INC. party of the second part, hereinafter called Lessee;

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

the above named products therefrom or thereto by pipe lines or otherwise; said land being situate in GRANT District,
County of RITCHIE, State of WEST VIRGINIA, and described as follows, to-wit: Bounded on the

NORTH by lands of WILLIAM RUTHERFORD

EAST by lands of JOHN DULANEY & J. P. BECKNER

SOUTH by lands of ADAM TENNANT & SUSIE AMOS

WEST by lands of WHEELINE & WEST LIBERTY OIL CO.

Containing THREE HUNDRED TWENTY (320) acres, more or less and being the same land conveyed to lessor by

by deed dated _____ and recorded in said county records in _____ Book No. _____ Page _____

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

3. The Lessee shall deliver to the credit of the Lessor free of cost, in the pipe line to which he may connect his wells, the equal one-eighth (1/8) part of all oil produced and saved from the leased premises, and shall pay Lessor ONE EIGHTH (1/8) OF THE PROCEEDS DERIVED BY LESSEE FROM THE SALE OF GAS AT THE WELL.

for all gas and casing head gas produced and sold from the premises, payable monthly; provided, Lessee shall pay Lessor a royalty at the rate of ~~Five~~ ONE THOUSAND (\$1000) Dollars per year on each gas well while, through lack of market, gas therefrom is not sold or used off the premises, and while said royalty is so paid said well shall be held to be a paying well under paragraph 2 hereof.

4. The Lessee shall commence operations for a well on the premises on or before JANUARY 19 1982, unless Lessee pays thereafter a rental of ONE THOUSAND SIX HUNDRED AND NO/100 DOLLARS (\$1600) for each TWELVE (12) months that operations are delayed from the time above mentioned. The consideration first recited herein, the down payment, shall cover not only the privilege granted to the date when first said rental is payable as aforesaid, but also the Lessee's option of extending that period as aforesaid, and any and all other rights conferred. The drilling of a non-productive well shall be accepted by the Lessor in lieu of delay rental for a period of one year after its completion, and following the exhaustion or abandonment of all wells the Lessee shall have the right for a period of one year to resume the payment of delay rental or commence operations for another well. Upon the resumption of payment of rentals the provisions hereof governing such payment and the effect thereof shall continue in force as though they had not been interrupted.

5. All moneys coming due hereunder shall be paid or tendered to PARKERSBURG NATIONAL BANK, TRUSTEE direct, or by check payable to his (or her) order mailed to 514 MARKET STREET, PARKERSBURG, W.VA. 26101 and no default shall be declared against the Lessee by the Lessor for failure of the Lessee to make any payment or perform any conditions provided for herein unless the Lessee shall refuse or neglect to pay or perform the same for ten days after having received written notice by registered mail from the Lessor of his intention to declare such default.

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

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

8. Lessor further grants to the Lessee, his heirs and assigns, the right to unitize this lease with other leases to form a drilling unit or units according to the rules and regulations which may be adopted for the proper development and conservation of the field. In the event this lease is so unitized, the Lessor agrees to accept, in lieu of the royalty hereinbefore recited, such proportion of the royalty above provided, as the acreage covered by this lease bears to the total acreage comprising the unit.

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

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

11. The interest or estate of either party hereto may be assigned, the privilege of assigning in whole or in part being expressly allowed. In event this lease shall be assigned as to any part or parts of the above described land and the assignee or assignees of such part or parts shall fail or make default in the payment of the proportionate part of the rents due from him or them, such default shall not operate to defeat or affect this lease insofar as it covers a part or parts of said land upon which the said Lessee or any assignee thereof shall make due payment of said rental. No change of ownership in the land or in the rentals or royalties shall be binding on the Lessee until after notice to the Lessee and it has been furnished with a written transfer or assignment or a certified copy thereof.

12. At any time, Lessee, its successors or assigns, shall have the right to surrender this lease or any part thereof for cancelation, after which all payments and liabilities hereunder thereafter shall cease and determine, and if the whole is surrendered, then this lease shall become absolutely null and void. This surrender may be made to the Lessor, or if more than one Lessor, then to any one of them, or to the heirs or assigns of any one of them by delivery of a duly executed surrender thereof in person or by mail addressed to the post office address of such person, or by recording a duly executed surrender thereof in the Recorder's office of the County in which the land is located.

13. Lessor hereby warrants and agrees to defend the title to the land herein described and agrees that the Lessee at its option may pay, discharge or redeem any taxes, mortgages, or other liens existing, levied, or assessed on or against the above described lands, and in event it exercises such option, it shall be subrogated to the rights of any holder or holders thereof and may reimburse itself by applying any royalty or rentals accruing hereunder to the discharge of any such taxes, mortgages or other liens.

14. It is expressly agreed that if the Lessee shall commence drilling operations at any time while this lease is in force, it shall remain in force and its terms continue so long as such operations are prosecuted, and if production results therefrom, then as long as production continues. If after the expiration of the term of this lease production from the leased premises shall cease from any cause, this lease shall not terminate provided Lessee resumes operations within sixty days from such cessation, and this lease shall remain in force during the prosecution of such operations, and, if production results therefrom, then as long as oil or gas is produced in paying quantities.


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NOV 08 1982
OIL & GAS DIVISION
DEPT. OF MINES

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

RECEIVED
FEB 19 1985
OIL & GAS DIVISION
DEPT. OF MINES

Permit number: 47- 85-5992 County: RITCHIE
Company: BOW VALLEY/RAY RES Farm: WESTVACO 1989
Date: 27-Nov-84 Well no.:
Date issued: 11/12/82 Date expired: / / 0

I have inspected the above wellsite and found no well work done. Please
cancel this well work permit.

Signed:  _____
 GLEN E. ROBINSON
Date: 11 FEBRUARY 1985



State of West Virginia

Department of Mines
Oil and Gas Division
Charleston 25305

THEODORE M. STREIT
ADMINISTRATOR

BARTON B. LAY, JR.
DIRECTOR

February 20, 1985

Bow Valley Petroleum, Inc.
600 Commerce Square
Charleston, West Virginia 25301

In Re: Permit No: 47-085-5992
Farm: Westvaco
Well No: 989
District: Grant
County: Ritchie
Issued: 11-12-82

Gentlemen:

The FINAL INSPECTION REPORT for the above captioned well has been received in this office. Only the column checked below applies:

XXXXX The well designated by the above captioned permit number has been released under your Blanket Bond. (PERMIT CANCELLED - NEVER DRILLED)

Please return the enclosed cancelled single bond which covered the well designated by the above permit number to the surety company who executed said bond in your behalf, in order that they may give you credit on their records.

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

Very truly yours, -

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

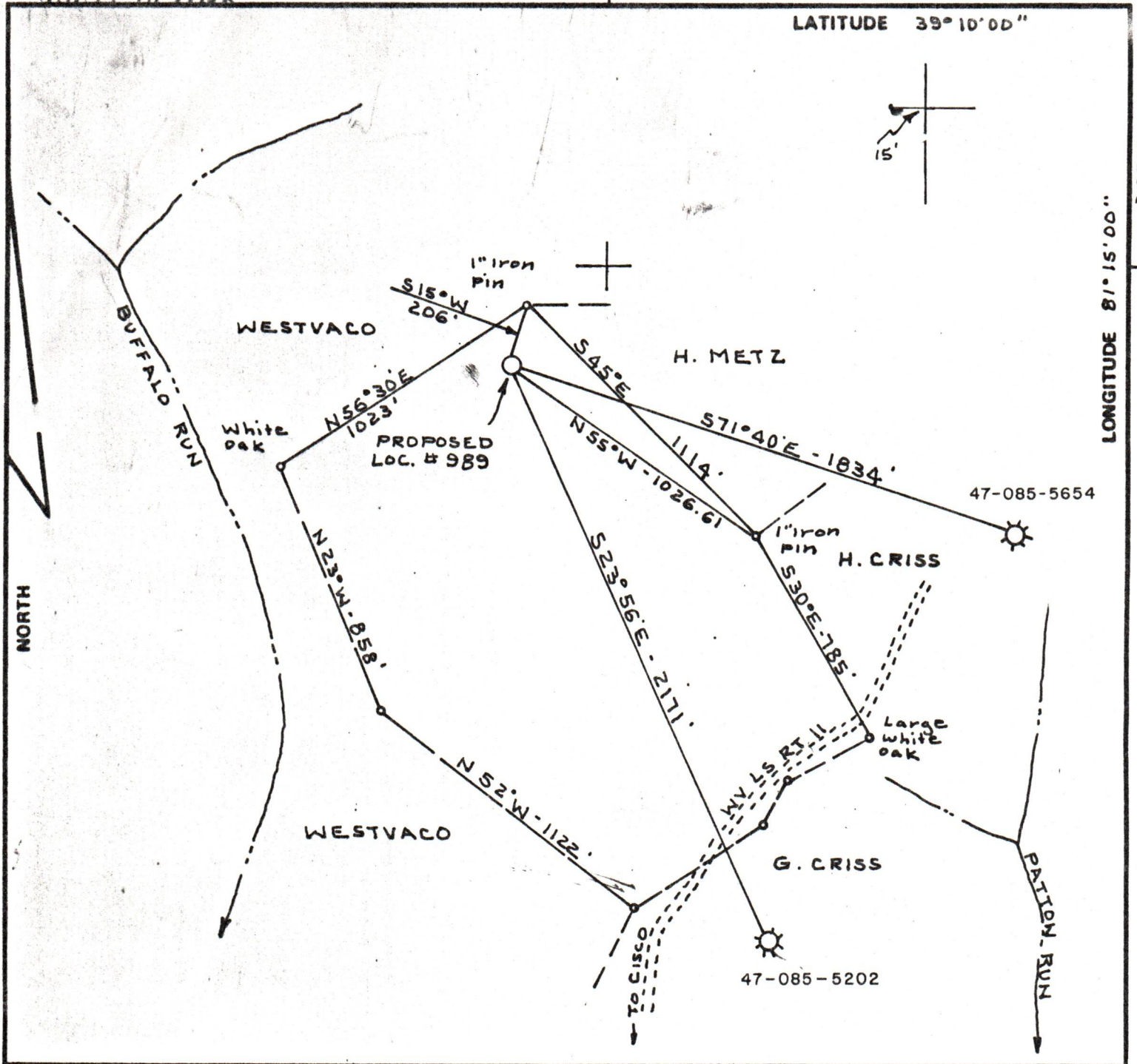
TMS/nw

08/18/2023

M.F. 11/9/82

7300'
LATITUDE 39° 10' 00"

LONGITUDE 81° 15' 00"



FILE NO. BK 71 P 41
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1-200
 PROVEN SOURCE OF ELEVATION USGS BM. 65.W. 5-W 5500'± south of Loc. E1. 717.00'

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. J. Volney Jr.
 R.P.E. _____ D.L.S. 92

PLACE SEAL HERE

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



DATE SEPT. 18, 1982
 OPERATOR'S WELL NO. 989
 API WELL NO. _____
47 - 085 - 5992
 STATE COUNTY PERMIT
Cancelled

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 1042.17' WATER SHED BUFFALO RUN OF NORTH FORK HUGHES RIVER
 DISTRICT GRANT COUNTY RITCHIE
 QUADRANGLE PETROLEUM 7.5'
 SURFACE OWNER WESTVACO ACREAGE 50
 OIL & GAS ROYALTY OWNER THEORA E. BICKEL, ETAL LEASE ACREAGE 125 08/18/2023
 LEASE NO. _____
 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 MARCELLUS ESTIMATED DEPTH 5000'
 WELL OPERATOR BOW VALLEY PETRO. INC. DESIGNATED AGENT W.E. STOVER
 ADDRESS 600 COMMERCE SQUARE ADDRESS BOX 235
CHARLESTON WVA 25301 ADDRESS CULLODEN WVA 25510