



FORM IV-2 (Obverse) (12-81)

Date: July 16, 19 82

Operator's Well No. #2

API Well No. 47 085 5774 State County Permit

STATE OF WEST VIRGINIA DEPARTMENT OF MINES, OIL AND GAS DIVISION OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil XX / Gas / (If "Gas", Production / Underground storage / Deep / Shallow /)

LOCATION: Elevation: 790' Watershed: Goose Creek District: Grant County: Ritchie Quadrangle: Petroleum

WELL OPERATOR PETROLEUM DEVELOPMENT CORPORATION DESIGNATED AGENT John R. Mitchell Address PO Box 26, 103 East Main Street Bridgeport, WV 26330

OIL & GAS ROYALTY OWNER Sue W. Davis Address c/o Thomas Davis, 409 East Main St. Harrisville, WV 26362

COAL OPERATOR Address

ACREAGE 147 SURFACE OWNER W. V. Pulp & Paper Address c/o W. V. Woodlands, mgr Parkersburg, WV 26101 Acreage 147

COAL OWNER(S) WITH DECLARATION ON RECORD:

Name none Address RECEIVED JUL 21 1982 OIL AND GAS DIVISION WV DEPARTMENT OF MINES

FIELD SALE (IF MADE) TO: Address

COAL LESSEE WITH DECLARATION ON RECORD:

Name Address

OIL & GAS INSPECTOR TO BE NOTIFIED Name Samuel N. Hersman P.O. Box 66 Smithville, W.Va. 26178 477-3597

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed / lease XX other contract / dated May 5, 19 81, to the undersigned well operator from Sue W. Davis, et al

(IF said deed, lease, or other contract has been recorded:) lease has been assigned to PDC by Warren R. Haight & sent in for recordation Recorded on March 20, 19 81, in the office of the Clerk of the County Commission of Ritchie County, West Va., in lease Book 136 at page 379. A permit is requested as follows:

PROPOSED WORK: Drill XX / Drill deeper / Redrill / Fracture or stimulate / Plug off old formation / Perforate new formation / Other physical change in well (specify)

planned as shown on the work order on the reverse side hereof.

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.

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.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO: WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION 1615 WASHINGTON STREET EAST CHARLESTON, WV 25311 TELEPHONE: (304) 348-3092

BLANKET BOND

PETROLEUM DEVELOPMENT CORPORATION Well Operator John R. Mitchell Area Manager of Operations 08/18/2023

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) _____

Address _____

GEOLOGICAL TARGET FORMATION, Marcellus Shale

Estimated depth of completed well, 5900 feet Rotary xx / Cable tools _____ /

Approximate water strata depths: Fresh, 40 feet; salt, 240 feet.

Approximate coal seam depths: none Is coal being mined in the area? Yes _____ / No xx /

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	16"	--	--		x	30'	30'		
Fresh Water	11 3/4	H-40	44#	x		70'	70'		Kinds
Coal								cement to surface	
Intermediate	8 5/8	H-40	23#	x		1450'	1450'		Sizes
Production	4 1/2	J-55	10.5#	x		5850	5850'	cement to surface	
Tubing								500 sks	Depths set
Liners									Perforations:
									Top Bottom

NOTE: 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.

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.

THIS PERMIT MUST BE POSTED AT THE WELL SITE.
ALL PROVISIONS BEING IN ACCORDANCE WITH CHAPTER 22,
ARTICLE 4 OF THE W. VA. CODE, THE LOCATION IS HEREBY
APPROVED FOR drilling. THIS PERMIT SHALL EXPIRE
IF OPERATIONS HAVE NOT COMMENCED BY 3-23-83.
BY [Signature]

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 _____

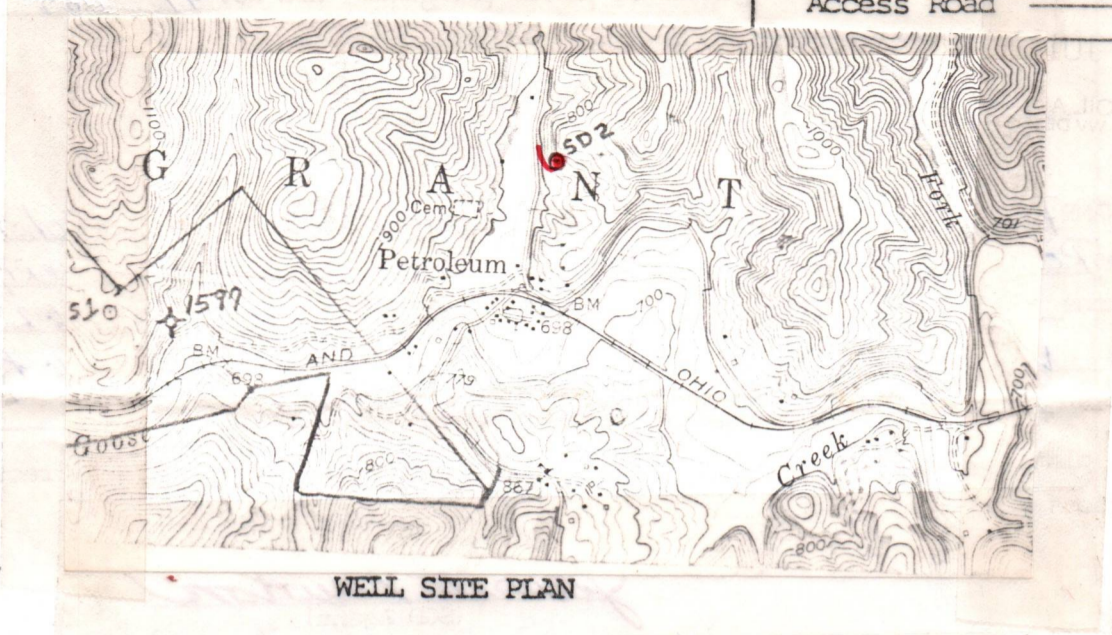
Its _____

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE Petrokem 7.5

LEGEND

Well Site 







Access Road 









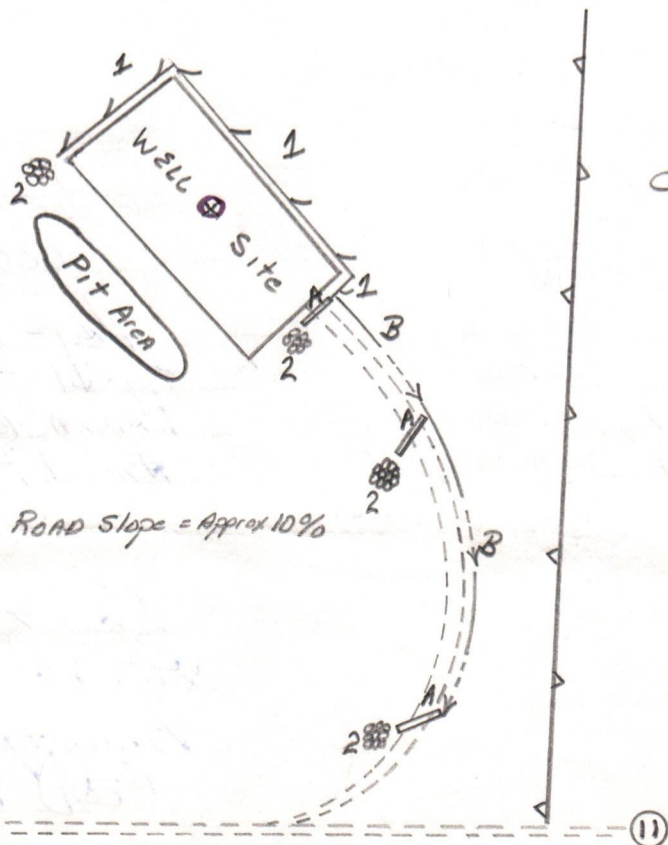
Sketch to include well location, existing access road, roads to be constructed, wells, drilling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.

Land Use: Pasture Hayland Cropland Woodland

LEGEND

- Property boundary 
- Road 
- Existing fence 
- Planned fence 
- Stream 
- Open ditch 

- Diversion 
 - Spring 
 - Wet spot 
 - Building 
 - Drain pipe 
 - Waterway 
- Suc DAVIS #2



08/18/2023



IV-9

(Rev 8-81)

RECEIVED

JUL 21 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

State of West Virginia
Department of Mines
Oil and Gas Division

DATE July 6, 82

WELL NO. 2

API NO. 47-085-574

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Petroleum Development Corp. DESIGNATED AGENT John Mitchell
 Address P.O. 26 BRIDGEPORT W.Va. 26330 Address P.O. 26 BRIDGEPORT W.Va. 26330
 Telephone (304) 842-6256 Telephone (304) 842-6256
 LANDOWNER West VACo Lumber SOIL CONS. DISTRICT Little Kanawha
 Revegetation to be carried out by SEEDING Contractor (Agent)

This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan: 7-8-82

(Date)

Jarrett Newton
(SCD Agent)

ACCESS ROAD	LOCATION
Structure <u>DRAIN PIPE</u> (A)	Structure <u>DIVERSION Ditch</u> (1)
Spacing <u>(min 12" I.D.)</u>	Material <u>Earthen</u>
Page Ref. Manual <u>2:7</u>	Page Ref. Manual <u>2:12</u>
Structure <u>DRAINAGE Ditch</u> (B)	Structure <u>Rip-Rap</u> (2)
Spacing <u>n/a</u>	Material <u>stone</u>
Page Ref. Manual <u>2:12</u>	Page Ref. Manual <u>n/a</u>
Structure _____ (C)	Structure _____ (3)
Spacing _____	Material _____
Page Ref. Manual _____	Page Ref. Manual _____

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

REVEGETATION

Treatment Area I	Treatment Area II
Lime <u>3</u> Tons/acre or correct to pH <u>6.5</u>	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)	Fertilizer <u>600</u> lbs/acre (10-20-20 or equivalent)
Mulch <u>Hay - 2</u> Tons/acre	Mulch <u>Hay - 2</u> Tons/acre
Seed* <u>Ky-31 - (30)</u> lbs/acre	Seed* <u>Ky-31 - (30)</u> lbs/acre
<u>LADINO Clover - (4)</u> lbs/acre	<u>LADINO Clover - (4)</u> lbs/acre
<u>Annual Rye - (4)</u> lbs/acre	<u>Annual Rye - (4)</u> lbs/acre

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

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

PLAN PREPARED BY Dave L. [Signature] 08/18/2023
 ADDRESS P.O. 26
Bridgeport, W.Va. 26330
 PHONE NO. (304) 842-6256



Rit - 5774

**Petroleum
Development
Corporation**

103 East Main Street
P. O. Box 26
Bridgeport, West Virginia 26330

Phone: 304-842-3597

RECEIVED

JUL 21 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

State of West Virginia
Department of Mines
Oil and Gas Division
1615 Washington Street East
Charleston, West Virginia 25311

Attention: Thomas E. Huzzey

RE: House Bill #1254

Dear Mr. Huzzey:

With regards to the payment to be made to the royalty owner on this property, please be advised that the lease does not provide for a flat well royalty or any similar provision for compensation. The royalty on this lease is based on volume of oil or gas to be extracted, produced or marketed.

Very truly yours,

PETROLEUM DEVELOPMENT CORPORATION

John R. Mitchell

John R. Mitchell
Area Manager of Operations

JRM/mjg

08/18/2023

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

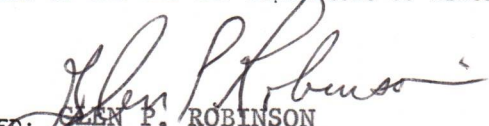
RECEIVED
JAN 22 1985
OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 47-085-5774 County RITCHIE
Company PETROLEUM DEVELOPMENT CORP. Farm WESTVACO
Inspector GLEN P. ROBINSON Well No. #2
Date 18 JANUARY 1985

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	_____	_____
23.04	Reclaimed Drilling Pits	_____	_____
23.05	No surface or underground Pollution	_____	_____
7.03	Identification Markings	_____	_____

COMMENTS: WELL NOT DRILLED, I FOUND THE SURVEY MARKER-5/8" IRON POST AND THE 3" MARKED LOCUST TREE, BUT NOT THE STAKE. NO LOCATION MADE-CANCEL THIS PERMIT.

I have inspected the above well and (~~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: GLEN P. ROBINSON

DATE: 18 JANUARY 1985

08/18/2023

RECEIVED
JUL 12 1990

DEPT. OF MINES
WASHINGTON, D.C. 20540

UNITED STATES
DEPARTMENT OF MINES

OFFICE OF THE
DIRECTOR

25

UNITED STATES
DEPARTMENT OF MINES

OFFICE OF THE
DIRECTOR

25

WASHINGTON, D.C. 20540

THIS DOCUMENT IS UNCLASSIFIED
DATE 08/18/2023 BY 60322 UCBAW/SJS

UNITED STATES
DEPARTMENT OF MINES

UNITED STATES
DEPARTMENT OF MINES

WASHINGTON, D.C. 20540

08/18/2023

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

RECEIVED
JAN 2 8 1985
OIL & GAS DIVISION
DEPT. OF MINES

RECEIVED
DEC 14 1984
OIL & GAS DIVISION
DEPT. OF MINES

Permit number: 47-85-5774
Company: PETROLEUM DEVE CORP
Date: 27-Nov-84
Date issued: 7/23/82

County: RITCHIE
Farm: WV PULP & PAPER #2
Well no.:
Date expired: / / 0

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

Signed: *Glenn P. Robinson*
GLENN P. ROBINSON

Date: 18 JANUARY 1985

Released 8-30-83
By Mike Underwood ?

How this drilled?
or cancelled by Mike?
We do not have a release
in the file now do we have
any exp. reports!
NO 11/18/85 JPR

RECEIVED
DEC 14 1984

DEPT. OF MINES
OIL & GAS DIVISION

RECEIVED
JAN 2 1985

DEPT. OF MINES
OIL & GAS DIVISION

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

Permit number: 50-2734
Company: PETROBRUM DEVELOPMENT
Label: 84-84
Date received: 1/2/85

County: MORGAN
Field: BULL GAP
Well no.:
Date expired:

I have inspected the above well and found no well logs or logs
cancel this well and permit.

By: JOHN P. ROBINSON

Date: 18 JANUARY 1985

[Handwritten notes and scribbles]

[Handwritten signature: John P. Robinson]



State of West Virginia

BARTON B. LAY, JR.
DEPUTY DIRECTOR

Department of Mines
Oil and Gas Division

THEODORE M. STREIT
ADMINISTRATOR

Charleston 25305
January 30, 1985

Petroleum Development Corp.
P.O. Box 26
Bridgeport,
WVa. 26330

In Re: Permit No: 085-5774
Farm: W.Va. Pulp & Paper
Well No: Sue W. Davis #2
District: Grant
County: Ritchie
Issued: 7/23/82

Gentlemen:

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

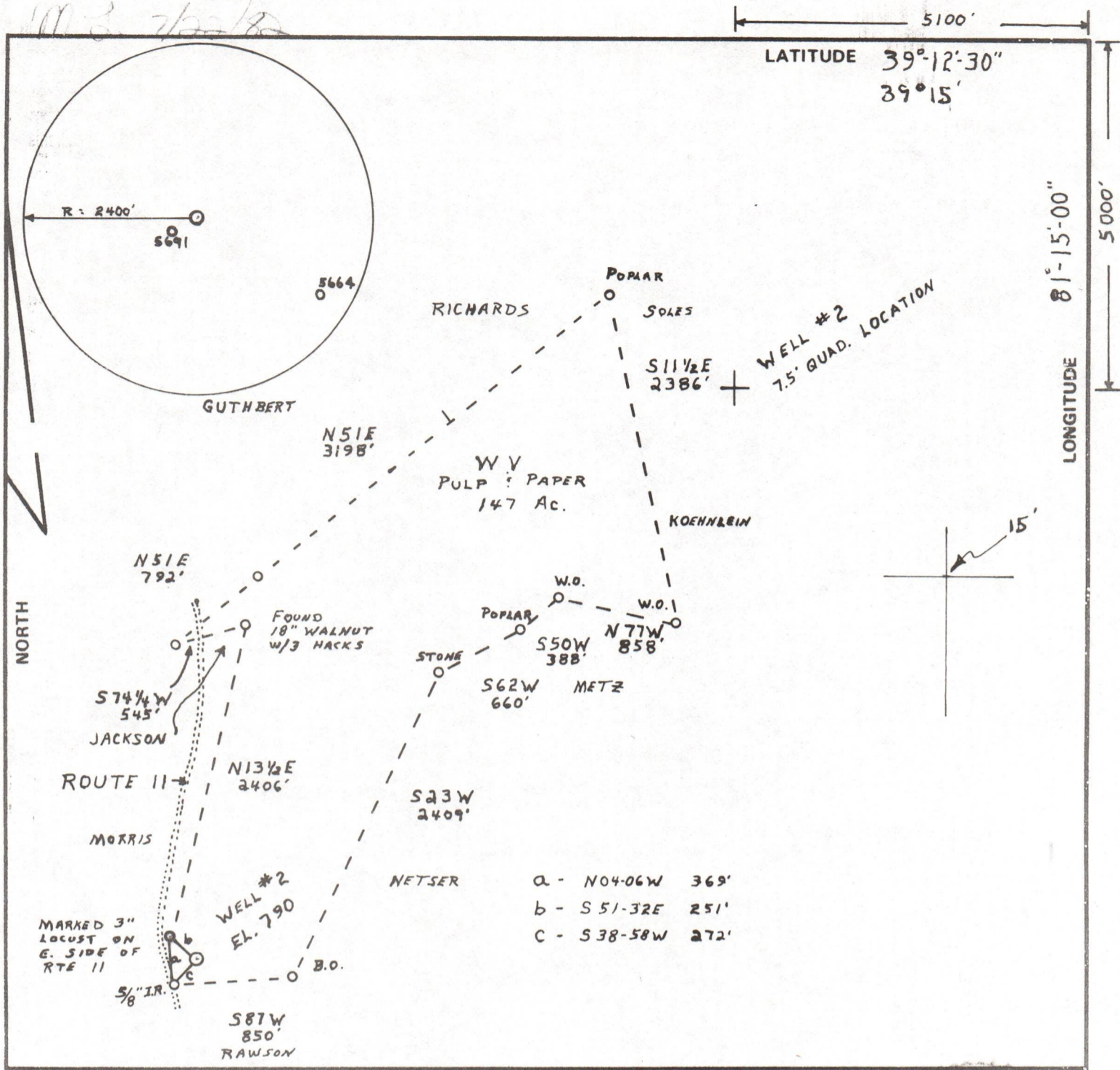
XXXXX The well designated by the above captioned permit number has been released under your Blanket Bond. (PERMIT CANCELLED - NEVER DRILLED)

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



LATITUDE 39°-12'-30"
39°-15'

LONGITUDE 81°-15'-00"

FILE NO. _____
DRAWING NO. _____
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY 1:200
PROVEN SOURCE OF ELEVATION EL. 715 ON RTE. 11
0.7 MI. N. OF RTE. 11

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) Burl J. Smith
R.P.E. 6988 L.L.S. _____



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



DATE JULY 6, 19 82
OPERATOR'S WELL NO. 2
API WELL NO. _____
47 - 085 - 5774
STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL TYPE: OIL GAS _____ LIQUID INJECTION _____ WASTE DISPOSAL _____
(IF "GAS,") PRODUCTION _____ STORAGE _____ DEEP _____ SHALLOW
LOCATION: ELEVATION 790 WATER SHED GOOSE CREEK
DISTRICT GRANT COUNTY RITCHIE
QUADRANGLE PETROLEUM
SURFACE OWNER WV PULP & PAPER ACREAGE 147
OIL & GAS ROYALTY OWNER SUE W. DAVIS LEASE ACREAGE 147
LEASE NO. 363000
PROPOSED WORK: DRILL CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE _____ PLUG OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
TARGET FORMATION MARCELLUS SHALE ESTIMATED DEPTH 5900'
WELL OPERATOR PETROLEUM DEV. CORP. DESIGNATED AGENT JOHN H. MITCHELL
ADDRESS P.O. BOX 26 ADDRESS P.O. BOX 26
BRIDGEPORT, WV 26330 BRIDGEPORT, WV 26330

08/18/2023

5005
5774
RIT