

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



Date: August 4, 1982

Operator's Well No. 1-REVISED

API Well No. 47 085 5827

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OIL AND GAS DIVISION
OIL AND GAS WELL PERMIT APPLICATION
State - County Permit
(Formerly: RIT-5569)

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

LOCATION: Elevation: 975' Watershed: Bonds Creek
District: Grant County: Ritchie Quadrangle: Ellenboro 7 1/2'

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

OIL & GAS ROYALTY OWNER William Davis Hewitt
Address 3311 Wood Valley Rd NW
Atlanta, Georgia 30327
Acreage 56.2

COAL OPERATOR _____
Address _____

SURFACE OWNER William Davis Hewitt
Address 3311 Wood Valley Rd NW
Atlanta, Georgia 30327
Acreage 54.72

COAL OWNER(S) WITH DECLARATION ON RECORD:
Name _____
Address **RECEIVED**
Name AUG 11 1982
Address 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
Address PO Box 66
Smithville, WV 26178

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 March 20, 1981, to the undersigned well operator from William Davis Hewitt to Warren R. Haught assignment (from Warren R. Haught to PDC) data is pending (IF said deed, lease, or other contract has been recorded:)

Recorded on May 22, 1981, in the office of the Clerk of the County Commission of Ritchie County, West Va., in lease Book 136 at page 440. 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

12/29/2023
PETROLEUM DEVELOPMENT CORPORATION
By John R. Mitchell Well Operator
Its Area Manager of Operations

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, 200 feet; salt, 525 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			New	Used	FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft			For drilling	Left in well		
Conductor	16"	--	--		x	30'	30'		Kinds
Fresh Water	11 3/4	H-40	44#	x		230'	230'	cement to surface	
Coal									Sizes
Intermediate	8 5/8	H-40	23#	x		2050'	2050'	cement to surface	
Production	4 1/2	J-55	10.5#	x		5850'	5850'	500 sks	Depths set
Tubing									
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 4-20-83.
 BY Fred Burdett

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 12/29/2023 this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: _____, 19 _____

By _____

Its _____



DATE 9 APRIL, 1982

WELL NO. 1

State of West Virginia
Department of Mines
Oil and Gas Division
Construction & Reclamation Plan

API NO. 47 - 085 - 5

085-5827

COMPANY NAME Petroleum Dev. Corp.
ADDRESS P.O. 26
BRIDGEPORT, W. Va. 26330
Telephone (304) 842-6256

DESIGNATED AGENT John Mitchell
ADDRESS P.O. 26
BRIDGEPORT, W. Va. 26330
Telephone 842-6256

LANDOWNER WILLIAM DAVIS HEWITT
Revegetation to be carried out by SEEDING Contractor (Age)

SOIL CONS. DISTRICT LITTLE KANAWHA

This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan: 4-13-82 (Date)

Jarrett Newlon
(SCD Agent)

ACCESS ROAD

LOCATION

Structure CROSS DRAIN (A)

Structure _____

Spacing 45' TO 400' (AS NEEDED)

Material _____

Page Ref. Manual 2:4

RECEIVED

Page Ref. Manual APR 20 1982

Structure CULVERT AUG 1(B) 1982

Structure _____

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

Spacing 12" MIN. - 30" MAX. ID

Material _____

Page Ref. Manual 2:8

Page Ref. Manual _____

Structure RIP-RAP (STONE-LOGS) (C)

(D) Structure DRAINAGE DITCH

Spacing SAME AS CROSS DRAIN

Material _____

Page Ref. Manual N/A

Page Ref. Manual 2:10

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 6.5

Lime _____ Tons/acre
or correct to pH 6.5

Fertilizer 500 lbs/acre
(10-20-20 or equivalent)

Fertilizer 500 lbs/acre
(10-20-20 or equivalent)

Mulch HAY OR STRAW 2 Tons/acre

Mulch HAY OR STRAW 2 Tons/acre

Seed* KY31 TALL FESCUE 40 lbs/acre

Seed* KY31 TALL FESCUE 40 lbs/acre

REDTOP 5 lbs/acre

REDTOP 5 lbs/acre

_____ lbs/acre

_____ lbs/acre

_____ lbs/acre

_____ lbs/acre

*Inoculate all legumes such as vetch, trefoil and clovers with the proper 12/29/2023 trifolium. Inoculate with 3X recommended amount.

PLAN PREPARED BY WILLIAM B. MOSSOR, L.L.S.

ADDRESS 112 NORTH SPRING STREET

HARRISVILLE, W.VA. 26362

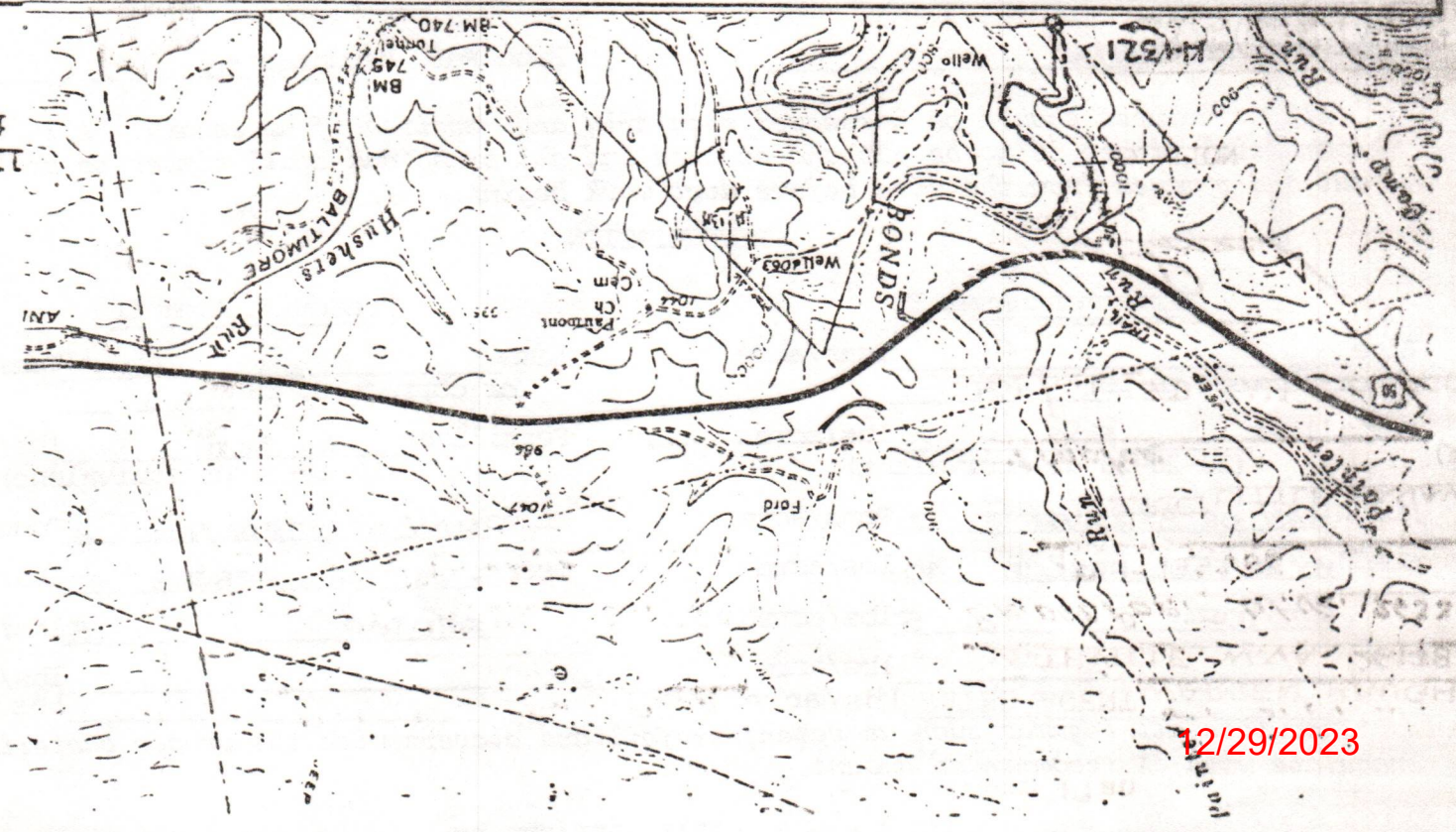
PHONE NO. (304) 643-4572

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

ATTACH OR PHOTOGRAPHY SECTION OF
 ENLARGED TOPOGRAPHIC MAP.
 CLERK: ELLENBORO

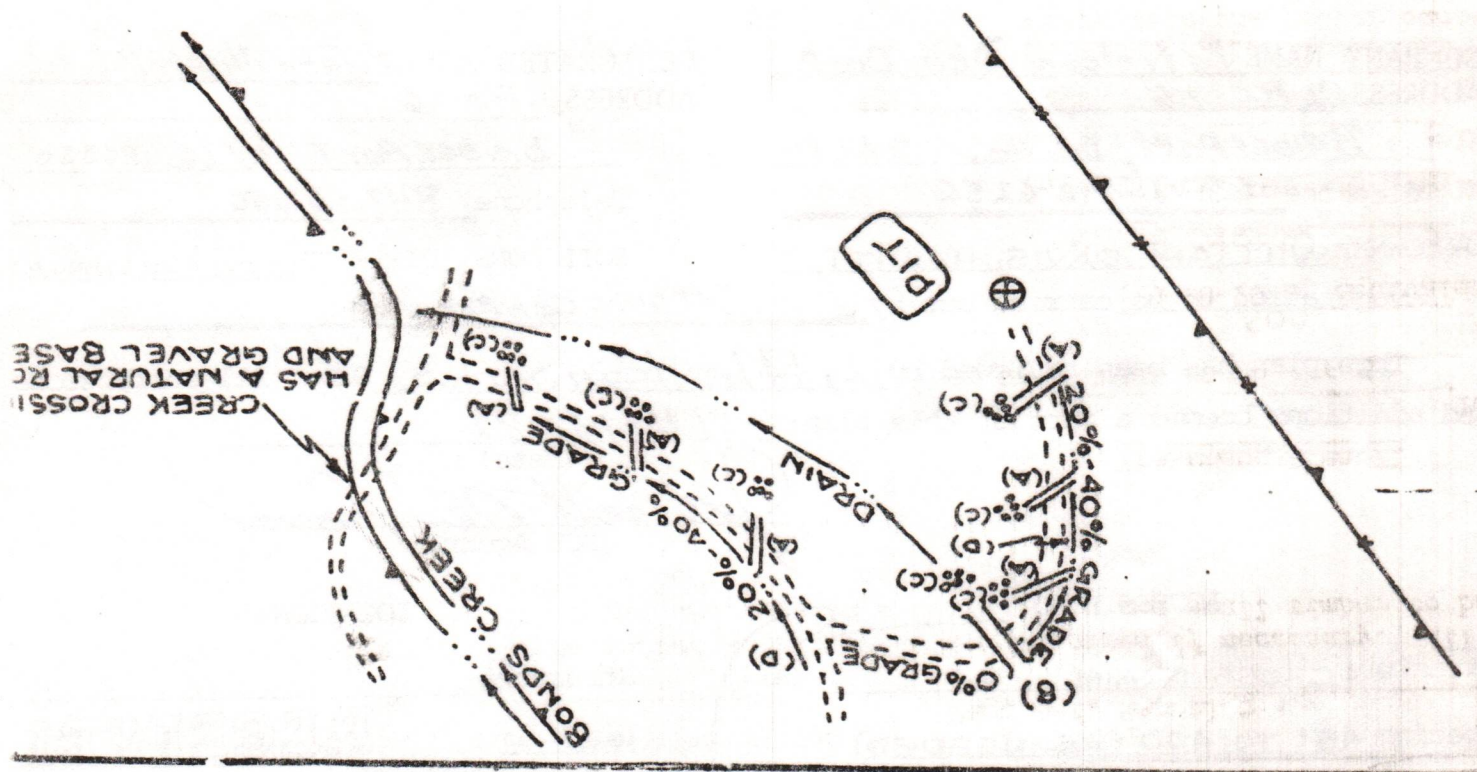
LEGEND
 WELL SITE ⊕ ACCESS ROAD —

12/29/2023



LEGEND

- Property boundary ————▲———
- Road ————=———
- Existing fence ————x———
- Planned fence ————/———
- Stream ————~———
- Open ditch ————>———
- Diversion ————/———
- Spring ⊕
- Wet spot ⊕
- Building ————■———
- Drain pipe ————○———
- Waterway ————≡———



Comments: 1. LENGTH OF ACCESS ROAD 1500'

2. BRUSH AND TREES TO BE PILED AT SITE.

3. LOCATION LOCATED ON RIDGE.



1) Date: _____, 19____
 2) Operator's Well No. #1 - revised
 3) API Well No. 47-085-5827-Rev-Ren
 State _____ County _____ Permit _____

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

- 4) WELL TYPE: A Oil / Gas / B (If "Gas", Production / Underground storage _____ / Deep _____ / Shallow)
- 5) LOCATION: Elevation: 975' Watershed: Bonds Creek
 District: Grant County: Ritchie Quadrangle: Ellenboro 7 1/2'
- 6) WELL OPERATOR (PETROLEUM DEVELOPMENT CORPORATION) DESIGNATED AGENT MICHAEL L. EDWARDS
 Address PO BOX 26, 103 EAST MAIN STREET Address PO BOX 26, 103 EAST MAIN STREET
 BRIDGEPORT, WV 26330 BRIDGEPORT, WV 26330
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED Name Samuel N. Hersman
 Address PO Box 66 Smithville, WV 26178
- 9) DRILLING CONTRACTOR: Name _____ Address _____
- 10) PROPOSED WELL WORK: Drill / Drill deeper _____ / Redrill _____ / Stimulate _____
 Plug off old formation _____ / Perforate new formation _____
 Other physical change in well (specify) _____
- 11) GEOLOGICAL TARGET FORMATION, Marcellus Shale OIL & GAS DIVISION
 12) Estimated depth of completed well, 5900 feet DEPT. OF MINES
 13) Approximate strata depths: Fresh, 200 feet; salt, 525 feet.
 14) Approximate coal seam depths: none Is coal being mined in the area? Yes _____ / No /

RECEIVED
 NOV 15 1983
 OIL & GAS DIVISION
 DEPT. OF MINES

15) 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'		Kinds
Fresh water	1 3/4	H-40	44#	X		230'	230'	cement to surface	Sizes
Coal									Depths set
Intermediate	8 5/8	H-40	23#	X		2050'	2050'	cement to surface	Perforations:
Production	4 1/2	J-55	10.5#	X		5850'	5850'	500 sks	Top Bottom
Tubing									
Liners									

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-085-5827-Rev-Ren Date November 28, 1983

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. 8) 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.)

The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof.

Permit expires November 28, 1985 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing	Fee
BLANKET BOND	LO	MH	MH	830 175

Margaret J. Hassie
 Administrator, Office of Oil and Gas

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



OFFICE USE ONLY

PERMIT MODIFICATIONS AND CONDITIONS (IF ANY) TO THE PROPOSED WELL WORK

1) WELL LOCATION: B (L) Gas Production, Elevation: 215, District: Boone, County: Boone, Underground: None, Washed: None, State: WV, Permit No: 17-003-387-26-000

2) WELL OPERATOR: Name: [Redacted], Address: [Redacted], State: WV, Permit No: [Redacted]

3) PROPOSED WELL WORK: Drilling: [Redacted], Plug off old formation: [Redacted], Other physical change in well (specify): [Redacted]

4) DRILLING CONTRACTOR: Name: [Redacted], Address: [Redacted], State: WV, Permit No: [Redacted]

5) APPROXIMATE TRAP DEPTH: [Redacted]

6) APPROXIMATE COAL SEAM DEPTH: [Redacted]

7) GEOLOGICAL TARGET FORMATION: [Redacted]

8) ESTIMATED DEPTH OF COMPLETED WELL: [Redacted]

9) IS COAL BEING MINED IN THE AREA? Yes [Redacted] No [Redacted]

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NOV 17 2020

OIL & GAS DIVISION
DEPT. OF MINES

OFFICE USE ONLY

This part of Form IV-2(b) is to record the dates of certain occurrences and any follow-up inspections.

	Date	Date(s)
Application received		
Well work started		
Completion of the drilling process		
Well Record received		
Reclamation completed		

OTHER INSPECTIONS

Reason: _____

Reason: _____

Permit No.	17-003-387-26-000
Agency	Boone
Plant	Boone
County	Boone

12/29/2020

1) Date: _____, 19____
2) Operator's
Well No. _____
3) API Well No. 47-085-5827-Rev-Rev
State County Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OFFICE OF OIL & GAS

NOTICE OF APPLICATION FOR A WELL WORK PERMIT

4) SURFACE OWNER(S) OF RECORD TO BE SERVED

(i) Name William Davis Hewitt
Address 3311 Wood Valley Road, N.W.
Atlanta, Georgia 30327
(ii) Name _____
Address _____
(iii) Name _____
Address _____

5(i) COAL OPERATOR
Address _____

5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:
Name William Davis Hewitt
Address 3311 Wood Valley Road, N.W.
Atlanta, Georgia 30327

Name _____
Address _____

5(iii) COAL LESSEE WITH DECLARATION ON RECORD:
Name _____
Address _____

TO THE PERSON(S) NAMED ABOVE: You should have received this Form and the following documents:

- (1) The Application for a Well Work Permit on Form IV-2(B) (or Form IV-4 if the well is to be plugged, which sets out the parties involved in the drilling or other work, and describes the well and its location and, if applicable, the proposed casing and cementing program;
- (2) The plat (surveyor's map) showing the well location on Form IV-6; and
- (3) The Construction and Reclamation Plan on Form IV-9 (unless the well work is only to plug a well), which sets out the plan for erosion and sediment control and for reclamation for the site and access road.

RECEIVED

NOV 15 1983

THE REASON YOU RECEIVED THESE DOCUMENTS IS THAT YOU HAVE RIGHTS REGARDING THE APPLICATION WHICH ARE SUMMARIZED IN THE "INSTRUCTIONS" ON THE REVERSE SIDE OF THE COPY OF THE APPLICATION (FORM IV-2(B) OR FORM 4, DESIGNATED FOR YOU. HOWEVER, YOU ARE NOT REQUIRED TO TAKE ANY ACTION AT ALL.

OIL & GAS DIVISION
DEPT. OF MINES

Take notice that under Chapter 22 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a Well Work Permit with the Administrator of the Office of Oil and Gas, West Virginia Department of Mines, with respect to a well at the location described on attached Application and depicted on attached Form IV-6. Copies of this Notice, the Application, the plat, and the Construction and Reclamation Plan have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Administrator.

6) 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.)

7) ROYALTY PROVISIONS

Is the right to extract, produce or market the oil or gas based upon a lease or leases or other 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.

See the reverse side for line item instructions, and for instructions concerning the required copies of the Notice and Application, plat, and Construction and Reclamation Plan.



The truth of the information on the Notice and Application is verified and sworn to and the Notice is signed on behalf of the Well Operator in my County and State by

Michael S. Edwards
this 4th day of November, 1983.

My commission expires August 6, 1992

Notary Public, Harrison County,
State of West Virginia

WELL

OPERATOR Petroleum Development Corporation

By M. C. Edwards
Its Executive Vice President, Operations
Address P.O. Box 26
Bridgeport, West Virginia 26330
Telephone 304-842-6256

12/29/2023

I N S T R U C T I O N S T O A P P L I C A N T

CONCERNING THE LINE ITEMS:

- 1) Date of Notice.
- 2) Your well name and number.
- 3) To be filled out by the Office of Oil & Gas.
- 4) & 5) Use separate sheet if necessary.
- 4) Surface owner(s) of record to be served with Notice and Application. However, see also Code § 22-4-1b(b) if "more than three tenants in common or other co-owners of interest described in subsection (a) of this section hold interests in such lands".
- 5(i) "Coal Operator" means any person, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine.
- 5(ii, iii) See Code § 22-4-20.
- 6) See Code § 22-4-11(c). However, in lieu of filing the lease(s) or other continuing contract(s), the Applicant may fill out the information in the space provided below.
- 7) See Code §§ 22-4-11(d, e).

CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

Filing. Code § 22-4-1k and Regulation 7.02 provide that the original and required copies of the Notice and Application must be filed with the Administrator, 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 § 22-4-1k(d) and the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code § 22-4-1a(c) and 22-3-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well on dwelling within 200 feet of the proposed well.

Service. In addition, service must be made on the surface owner(s) and the person(s) with an interest in the coal. See Code §§ 22-4-1m, 22-4-2, 22-4-2a, and 22-4-2b.

INFORMATION SUPPLIED UNDER CODE § 22-4-11(d)

IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on the obverse side of this Notice, I depose and say that I am the person who signed the Notice for the Applicant, and that--

- (1) the tract of land is the same tract described in the Application to which this Notice applies, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

<u>Grantor, lessor, etc.</u>	<u>Grantee, lessee, etc.</u>	<u>Royalty</u>	<u>Book Page</u>
William Davis & Rosalind Ray Hewitt Warren R. Haught		.125	136/373

** Petroleum Development Corporation having been assigned it's interest in and to this lease by Assignment dated 6/7/82 and Recorded in Book 146 at page 431.

12/29/2023



1) Date: November 4, 1983
 2) Operator's Well No. #1 - revised
 3) API Well No. 47
 State _____ County _____ Permit _____

**STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES, OIL AND GAS DIVISION
 APPLICATION FOR A WELL WORK PERMIT**

- 4) WELL TYPE: A Oil / Gas
 B (If "Gas", Production / Underground storage _____ / Deep _____ / Shallow)
 5) LOCATION: Elevation: 975' / Watershed: Bonds Creek
 District: Grant / County: Ritchie / Quadrangle: Ellenboro 7 1/2'
 6) WELL OPERATOR: PETROLEUM DEVELOPMENT CORPORATION 7) DESIGNATED AGENT: MICHAEL L. EDWARDS
 Address: PO BOX 26, 103 EAST MAIN STREET BRIDGEPORT, WV 26330 Address: PO BOX 26, 103 EAST MAIN STREET BRIDGEPORT, WV 26330
 8) OIL & GAS INSPECTOR TO BE NOTIFIED: Name: Samuel N. Hershman 9) DRILLING CONTRACTOR: _____
 Address: PO Box 66 Smithville, WV 26178 Address: _____
 10) PROPOSED WELL WORK: Drill / Drill deeper _____ / Redrill _____ / Stimulate _____
 Plug off old formation _____ / Perforate new formation _____ / Other physical change in well (specify) _____
 11) GEOLOGICAL TARGET FORMATION, Marcellus Shale
 12) Estimated depth of completed well, _____ feet
 13) Approximate trata depths: Fresh, 200 feet; salt, 525 feet.
 14) Approximate coal seam depths: none Is coal being mined in the area? Yes No

RECEIVED
 NOV 15 1983
 OIL & GAS DIVISION
 DEPT. OF MINES

15) 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>16"</u>	<u>---</u>	<u>---</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>30'</u>	<u>30'</u>		Kinds
Fresh water	<u>1 3/4"</u>	<u>H-40</u>	<u>4.4</u>	<input checked="" type="checkbox"/>		<u>230'</u>	<u>230'</u>	<u>cement to surface</u>	Sizes
Coal									Depths set
Intermediate	<u>4 5/8"</u>	<u>H-40</u>	<u>23.4</u>	<input checked="" type="checkbox"/>		<u>2050'</u>	<u>2050'</u>	<u>cement to surface</u>	Perforations:
Production	<u>4 1/2"</u>	<u>J-55</u>	<u>10.5</u>	<input checked="" type="checkbox"/>		<u>5850'</u>	<u>5850'</u>	<u>100 sks</u>	Top Bottom
Tubing									
Liners									

The law requires a comment period for surface owners. However, the permit can be issued in less than 15 days from the filing of the Application if the surface owner(s) of record sign(s) the following "Voluntary Statement of No Objection" on a facsimile of this surface owner's copy of the Application.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners on the reverse side of this Application for a Well Work Permit, and that I have received copies of (1) a Notice of Application for a Well Work Permit on Form IV-2(A), (2) an Application for a Well Work Permit on Form IV-2(B), (3) a survey plat on Form IV-6, and (4) a Construction and Reclamation Plan on Form IV-9, all for proposed well work on my surface land as described therein.
 I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued based on those materials.

(For execution by corporation, partnership, etc.)

(For execution by natural persons)

NAME: _____
 By _____
 Its _____ Date _____

Will Davis
 (Signature) Date: 11-7-83

 (Signature) Date: _____

**INSTRUCTIONS TO SURFACE OWNERS
AND
EXPLANATION OF METHODS AND TIME LIMITS TO COMMENT
ON OIL AND GAS WELL WORK PERMIT**

The well operator named in the Notice and this Application and the attached materials is applying for a permit from the State to do oil or gas well drilling or other well work. You are being served with these materials because surface owners have the right to file comments before the permit is issued. (**NOTE:** If the surface tract is owned by more than three persons, in multiple heirship for example, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22, Article 4 of the W. Va. Code. Permits are valid for 24 months.

If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator named in the materials and the Administrator of the Office of Oil and Gas in the West Virginia Department of Mines immediately.

NOTE: You are not required to file any comment at all.

Where to file comments and obtain additional information:

Administrator of the Office of Oil and Gas
West Virginia Department of Mines
1615 Washington Street East
Charleston, West Virginia 25311
(304) 348-2057

Who may file comments? If you wish to file comments, you must be an owner of record of (1) an interest in the surface tract on which the well already is or is about to be located, or (2) an interest in any other surface tract under the same oil or gas lease which will be utilized for roads or other land disturbances.

Time limits for comments. The law requires these materials to be delivered on or before the date the operator files his Application. You have **FIFTEEN (15) DAYS** after the filing date to file your comments as provided in **Methods for Filing Comments** below. You may call the Administrator's office at the above telephone number to be sure of the date. However, if you have been contacted by the well operator, and if you have signed a "voluntary statement of no objection" to any of the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number, and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

Methods for filing comments. Comments must be filed in person or received in the mail at the Administrator's office by the time stated above. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling.

The Administrator for Oil and Gas has the power to deny or condition a well work permit based on your comments on the following grounds:

- “(1) The proposed well work will constitute a hazard to the safety of persons; or
- “(2) The plan for soil erosion and sediment control is not adequate or effective; or
- “(3) Damage would occur to publicly owned lands or resources; or
- “(4) The proposed well work fails to protect fresh water sources or supplies.”

If you want a copy of the permit as it is finally issued, or a copy of the order denying the permit, you should request a copy from the Administrator.

List of Water Testing Laboratories. The Administrator maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Administrator's office or an Oil and Gas Inspector to obtain a copy of the list.



1) Date: November 4, 1983
 2) Operator's Well No. #1 - revised
 3) API Well No. 47
 State _____ County _____ Permit _____

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

- 4) WELL TYPE: A Oil xx / Gas xx /
 B (If "Gas", Production xx / Underground storage _____ / Deep _____ / Shallow xx /)
- 5) LOCATION: Elevation: 975 Watershed: Bands Creek
 District: Grant County: Ritchie Quadrangle: Ellenboro 7 1/2'
- 6) WELL OPERATOR PETROLEUM DEVELOPMENT CORPORATION 7) DESIGNATED AGENT MICHAEL L. EDWARDS
 Address PO BOX 26, 103 EAST MAIN STREET BRIDGEPORT, WV 26330 Address PO BOX 26, 103 EAST MAIN STREET BRIDGEPORT, WV 26330
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED Name Samuel N. Hersman
 Address PO Box 66 Smithville, WV 26178
- 9) DRILLING CONTRACTOR: Name _____ Address _____
- 10) PROPOSED WELL WORK: Drill xx / Drill deeper _____ / Redrill _____ / Stimulate _____ /
 Plug off old formation _____ / Perforate new formation _____ /
 Other physical change in well (specify) _____
- 11) GEOLOGICAL TARGET FORMATION, Marcellus Shale
- 12) Estimated depth of completed well, 5900 feet
- 13) Approximate strata depths: Fresh, 200 feet; salt, 525 feet.
- 14) Approximate coal seam depths: none Is coal being mined in the area? Yes _____ / No xx /
- 15) 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>16"</u>				<u>x</u>	<u>30'</u>	<u>30'</u>		Kinds
Fresh water	<u>1 1/4"</u>	<u>H-40</u>	<u>44#</u>	<u>x</u>		<u>230'</u>	<u>230'</u>	<u>cement to surface</u>	Sizes
Coal									Depths set
Intermediate	<u>5/8"</u>	<u>H-40</u>	<u>23#</u>	<u>x</u>		<u>2050'</u>	<u>2050'</u>	<u>cement to surface</u>	Perforations:
Production	<u>1 1/2"</u>	<u>J-55</u>	<u>10.5#</u>	<u>x</u>		<u>5850'</u>	<u>5850'</u>	<u>500 sks</u>	Top Bottom
Tubing									
Liners									

INSTRUCTIONS TO COAL OPERATOR, OWNER, OR LESSEE

The 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 the filing of the Application.

WAIVER

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

Date: Nov 7, 1983

By W. L. Davis Hewitt

Its _____

RECEIVED
 NOV 15 1983
 OIL & GAS DIVISION
 DEPT. OF MINES

12/29/2023
 Coal Owner

THIS ASSIGNMENT, Made this 7 th. day of June 1982, by and between WARREN R. HAUGHT, having a place of business at Parkersburg, West Virginia as party of the first part (hereinafter referred to as "Assignor"), and PETROLEUM DEVELOPMENT CORPORATION, having a place of buisness at 103 East Main Street, P.O. Box 26, Bridgeport, West Virginia 26330, as party of the second part (hereinafter referred to as "Assignee").

WITNESSETH: That for and in consideration of the sum of Ten (\$10.00) Dollars cash in hand paid, and other good and valuable considerations, the receipt and sufficiency of which is hereby confessed and acknowledged, the Assignor does hereby grant, convey and assign unto the Assignee, subject to the conditions and reservations herein contained, without Warranty, except as hereinafter provided all of its right, title and interest in and to the following referenced oil and gas leases, together with the leasehold estates created and existing, which said leases are situate in Ritchie County, West Virginia, as listed on EXHIBIT "A".

There is excepted and reserved, however, from the afore-described leases and leasehold estates, or any extension thereof, for the benefit of the Assignor a One Sixteenth (1/16 th) overriding royalty interest in the full Eight-Eighths (8/ 8 ths) interest free and clear of any and all cost of operations and/or production.

This Assignment is made subject to all of the terms and conditons of the aforesaid lease agreements and the terms and conditions of any assignments of the same.

The ASSIGNEE agrees to pay all rentals required to maintain each Lease in force so long as ASSIGNEE has an interest therein.

The overriding royalty interest shall be free and clear of all drilling, developement, producing and operating cost and expenses, but ASSIGNOR shall bear and pay all taxes of every nature whatsoever which may now or hereafter by applicable to or in any manner connected with or a lien upon Assignor's overriding royalty interest of the production attributable thereto, including, without limitaion, all production, severance, gathering, transporation or similar taxes attributable to Assignor's interest, and such other costs and charges as shall be applicable to and borne by lessor's royalties under the royalty shall be paid or shall accure upon any oil, gas, casinghead gas, or other hydrocarbon substances used for operation, development purposed upon the lands covered by a lease or in treating said production to make it marketable, or unavoidable lost. Except as otherwise provided herein, such overriding royalty for each lease shall be paid or delivered to Assignor in the same manner as that provided in such Lease for the payment of royalty to the lessors therein. If and when gas buyer reimburses operator for any such taxes same will be reimbursed or paid to the Assignor based upon Assignor's interest.

If Assignee is unable to clear title for any lease then Assignor will have the option to either replace the acreage with like acreage or refund 12/29/2023 for unclearable acreage.

WITNESS the following signature's and seal:

(SEAL) Warren R. Haught
WARREN R. HAUGHT

(SEAL) Petroleum Development Corporation
PETROLEUM DEVELOPMENT CORPORATION

STATE OF WEST VIRGINIA

COUNTY OF RITCHIE

BEFORE ME, the undersigned authority in and for the State & County aforesaid,
on this day personally appeared Warren R. Haught

Known to me to be the person whose name is subscribed to the foregoing instrument,
and acknowledged to me that he executed the same for the purpose and consideration
therein expressed.

Given under my hand and seal of office this 10th day of June 1982

Esel E. Morgan
Notary Public

My Commission Expires September 4 19 90

STATE OF WEST VIRGINIA

COUNTY OF HARRISON

BEFORE ME, the undersigned authority in and for the state and county aforesaid,
on this day personally appeared James N. Ryan

known to me to be the person whose name is subscribed to the foregoing instrument, and
acknowledged to me that he executed the same for the purpose and consideration therein
expressed.

Given under my hand and seal of office this 30th day of June 1982

Robert Gallen
Notary Public

My Commission Expires on October 1 19 82

Ritchie County, West Virginia
Assignments to Petroleum Development Corporation

Lease Name	District	Book	Page	Lease Date	Expiration Date	Acreage
1. Bernard Varner et al	Grant	136	343	4-13-81	5-24-82 D	65 3/4
2. Ralph C. Valentine et ux	Grant	125	564	2-28-78	2-28-83	71 1/2
3. Goldie E. Melvin (Agnet)	Grant	130	647	7-12-80	7-12-82	145
4. Hazel G. Cain	Grant	132	249	8-13-80	8-13-85	100
5. P.G. Sheppard	Grant	124	758	3-6-78	3-5-83	58 1/2
6. William Davis Hewitt et ux	Grant	136	373	3-20-81	5-18-82 D	56
26. Alah W. Rexroad & John	Grant	131	746	7-10-80	7-10-82	74
8. Sue W. Davis et al	Grant	136	349	3-20-81	8-23-82	149
9. Sue W. Davis et al	Grant	136	355	3-20-81	8-23-82	75
10. Daniel Donnelly	Grant	130	242	2-22-80	2-22-83 D	275.35
12. Gene A. Minks	Grant	133	636	1-6-81	6-28-83	67 1/2
13. Woodrow L. Metz	Grant	133	774	12-30-80	10-21-85	37 1/2
14. L.W. Davis	Grant	125	498	7-8-78	2-1-82	57
15. C.W. Davis	Grant	130	479	3-23-80	6-8-81 D	125 3/4
16. James Dickel	Grant	130	549	3-1-80	9-30-81 D	66
17. Harry E. Moats et ux	Grant	124	494	1-1-78	3-1-82 D	102 1/2
18. Mary E. & Gordon Kibbee	Grant	136	346	2-27-81	5-21-83 D	321
24. Maxine & Foster Smith	Grant	137	216	6-2-81	6-2-82	91
28. W. F. Moyers (Rit. Petro.)	Grant	132	258	12-7-77	12-12-99	51
32. Walter C. Gray	Clay	125	689	7-7-78	10-21-85	124
33. Cliff Wilson	Clay	126	363	10-23-78	11-30-82	71
34. W.R. Schofield	Clay	129	473	10-30-79	11-30-82	78
35. R. B. Robertson	Clay	140	30	12-7-81	6-7-82	39
37. Boston & Evans (Denver C.)	Grant	131	579	6-9-80	6-17-82	46 1/2

12/29/2023

*10. Daniel Donnelly - Reserving Well H-999 and twenty acres (20) as recorded in Lease Book 132 at Page 279.
 *14. L.W. Davis- Reserving all rights through the Big Injun., recorded in Lease Book 130 at Page 557.

*17. Harry E. Moats et ux - Reserving all rights through the Big Injun., recorded in Lease Book 129 at Page 698.

*13. Woodrow L. Metz - Reserving all rights through the Big Injun including the existing wells, and 20 acres surrounding wells, for the benefit of Haught Inc. , Record in Lease Book _____ at Page _____ .
 Reserving all rights through the Big Injun including the existing wells, and 20 acres surrounding well, for the benefit of _____, Recorded in Lease Book _____ at Page _____ .

X
IR-26
Obverse

INSPECTOR'S PERMIT SUMMARY FORM

8-20-82
Per. 11-28-83

WELL TYPE Shallow
ELEVATION _____
DISTRICT Gen
QUADRANGLE _____
COUNTY Ritchie

API# 47- 085 - 5827
OPERATOR Petroleum Development Corp.
TELEPHONE _____
FARM William Hewitt
WELL # 1-REV.

SURFACE OWNER _____ COMMENTS _____ TELEPHONE _____
TARGET FORMATION _____ DATE APPLICATION RECEIVED _____
DATE STARTED _____
LOCATION _____ NOTIFIED _____ DRILLING COMMENCED _____

WATER DEPTHS _____, _____, _____, _____
COAL DEPTHS _____, _____, _____, _____
APR 30 1986

CASING

Ran _____ feet of _____ "pipe on _____ with _____ fill up
Ran _____ feet of _____ "pipe on _____ with _____ fill up
Ran _____ feet of _____ "pipe on _____ with _____ fill up
Ran _____ feet of _____ "pipe on _____ with _____ fill up
TD _____ feet on _____

PLUGGING

Type	From	To	Pipe Removed

Pit Discharge date: _____ Type _____
Field analysis ph _____ fe _____ cl _____
Well Record received _____

Date Released 4-23-86

Cancel

[Signature]
Inspector's signature

12/29/2023

API# 47 005 - 5027

LIST ALL VISITS FOR THIS PERMIT

	DATE	TIME	PURPOSE	COMMENTS
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

Notes

O.k. To CANCEL



STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 DIVISION OF OIL AND GAS
 1615 Washington Street, East
 Charleston, West Virginia 25311
 Telephone: 348-3500

ARCH A. MOORE, JR.
 Governor

John Johnston
 Director

May 8, 1986

Petroleum Development Corporation
 Post Office Box 26
 Bridgeport, West Virginia 26330

In Re: Permit No: 47-085-5827
 Farm: William Hewitt
 Well NO: 1-REV
 District: Grant
 County: Ritchie
 Issued: 8-20-82 & 11-28-83

Gentlemen:

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

XXXX The well designated by the above captioned permit number has been released under your Blanket Bond.

Please return the enclosed cancelled single bond which covered the well designated by the above captioned permit number to the surety company that 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 22B, Article 1, Section 26, the above captioned well will remain under bond coverage for life of the well.

XXXX PERMIT CANCELLED - NEVER DRILLED

Respectively,

Theodore M. Streit
 Deputy Director--Inspection & Enforcement

TMS/ nw

12/29/2023



**Petroleum
Development
Corporation**

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

Phone: 304-842-3597

Rix - 5827

RECEIVED

AUG 11 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

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

Attention: Mr. Ted Streit

RE: House Bill #1254

Dear Mr. Streit:

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

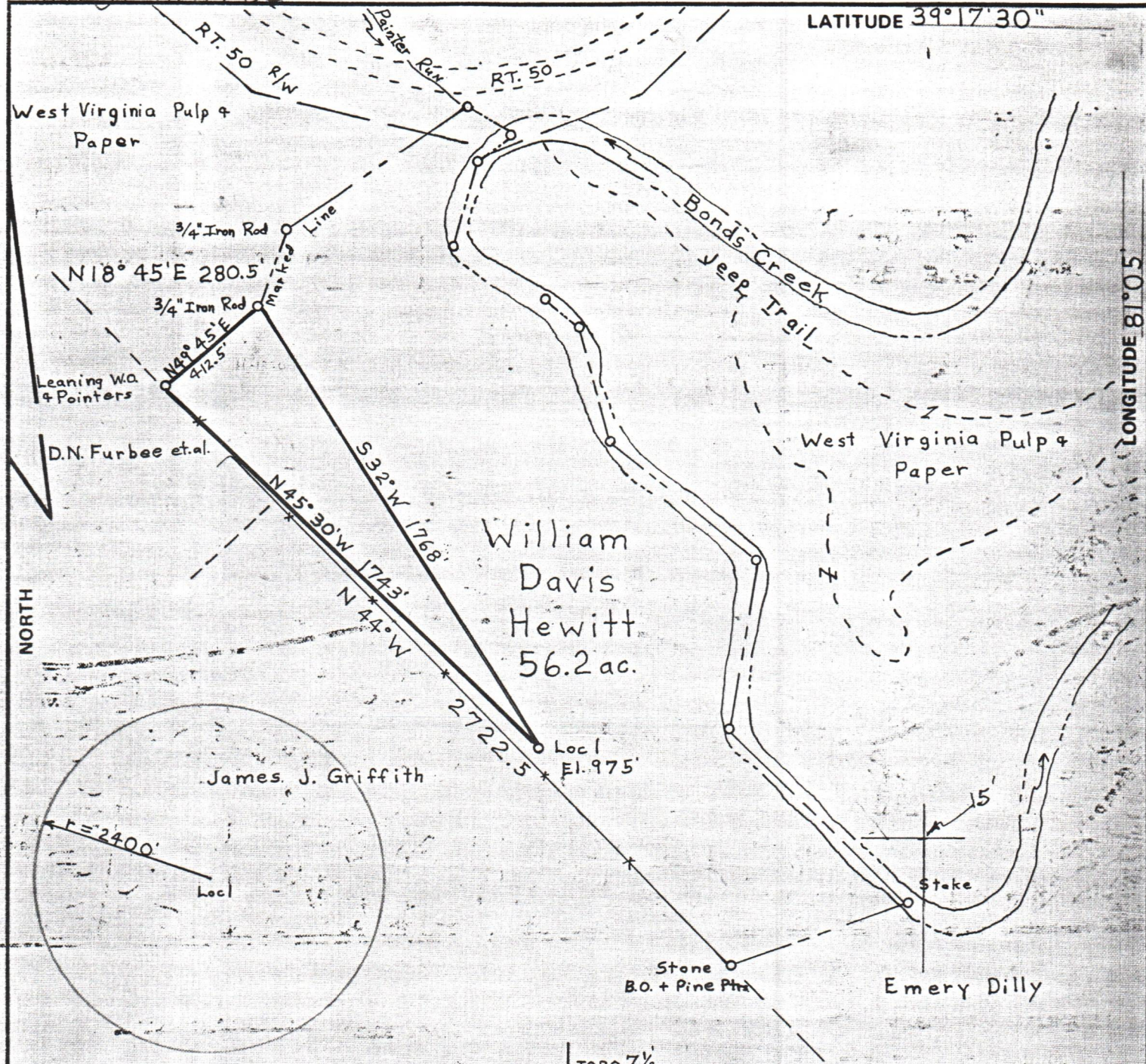
JRM/mjg

M.S. 8/11/82

7,910'

LATITUDE 39°17'30"

LONGITUDE 81°05'



FILE NO. _____
 DRAWING NO. 1
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 IN 200
 PROVEN SOURCE OF ELEVATION ROAD INT. = 1063'

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) Paul S. Dean Jr.
 R.P.E. 1856 L.L.S.

PLACE SEAL HERE

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



DATE JULY 30, 1982
 OPERATOR'S WELL NO. 1-REVISED
 API WELL NO. 47-085-5827A
 STATE WEST VIRGINIA COUNTY MITCHELL PERMIT Formerly: Rit-5569

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 LOCATION: ELEVATION 975' WATER SHED BONDS CREEK
 DISTRICT GRANT COUNTY MITCHELL

QUADRANGLE ELLENBORO 7 1/2
 SURFACE OWNER WILLIAM DAVIS HEWITT ACREAGE 54.72
 OIL & GAS ROYALTY OWNER WILLIAM DAVIS HEWITT LEASE ACREAGE 56.2

LEASE NO. 362800
 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 DEVELOPMENT DESIGNATED AGENT JOHN MITCHELL
 ADDRESS P.O. BOX 26 ADDRESS P.O. BOX 26
BRIDGEPORT W.V. BRIDGEPORT W.V.