

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. H-1330

API Well No. 47 - 085 5628
State County Perm

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

LOCATION: Elevation: 860' Watershed: Hushers Run
District: Grant County: Ritchie Quadrangle: Ellenboro 7½'

WELL OPERATOR Haught, Inc.
Address Rt. 3, Box 14
Smithville, WV 26178

DESIGNATED AGENT Warren R. Haught
Address Rt. 3, Box 14
Smithville, WV 26178

RECEIVED

MAY 17 1982

OIL & GAS ROYALTY OWNER Maxine & Foster Smith
Address 2 G. Cape Shores Dr.
Cape Canaveral, FL 32920

COAL OPERATOR None
WV DEPARTMENT OF MINES

Acreage 91

SURFACE OWNER Alfred Blizzard et al
Address _____
Acreage 91

COAL OWNER(S) WITH DECLARATION ON RECORD:

Name _____
Address _____
Name _____
Address _____

FIELD SALE (IF MADE) TO:
Name _____
Address _____

COAL LESSEE WITH DECLARATION ON RECORD:

Name None
Address _____

OIL & GAS INSPECTOR TO BE NOTIFIED
Name Deo Mace
Address Rt. 1, Box 5
Sandridge, WV 25325

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 June 2, 1981, to the undersigned well operator from Maxine & Foster Smith

[If said deed, lease, or other contract has been recorded:]
Recorded on July 9, 1981, in the office of the Clerk of the County Commission of Ritchie County, West Virginia, in Lease Book 137 at page 216. 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.

04/19/2024

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

Haught, Inc.
Well Operator
By Warren R. Haught
Its President

[08-78]

PROPOSED WORK ORDER

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

DRILLING CONTRACTOR (IF KNOWN) Haught, Inc.
Address Rt. 3, Box 14
Smithville, WV 26178

GEOLOGICAL TARGET FORMATION, Devonian Shale

Estimated depth of completed well, 5600 feet Rotary XX / Cable tools /
Approximate water strata depths: Fresh, feet; salt, 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									Kinds
Fresh water	8-5/8	K-55	20#	X		1060' 150'	1060' 150'	Cement to Surface	Surface
Coal									Sizes
Intermediate									
Production	4 1/2	J-55	10.5#	X			5600'	500 Sacks	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 1-19-83.

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:

W A I V E R

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.

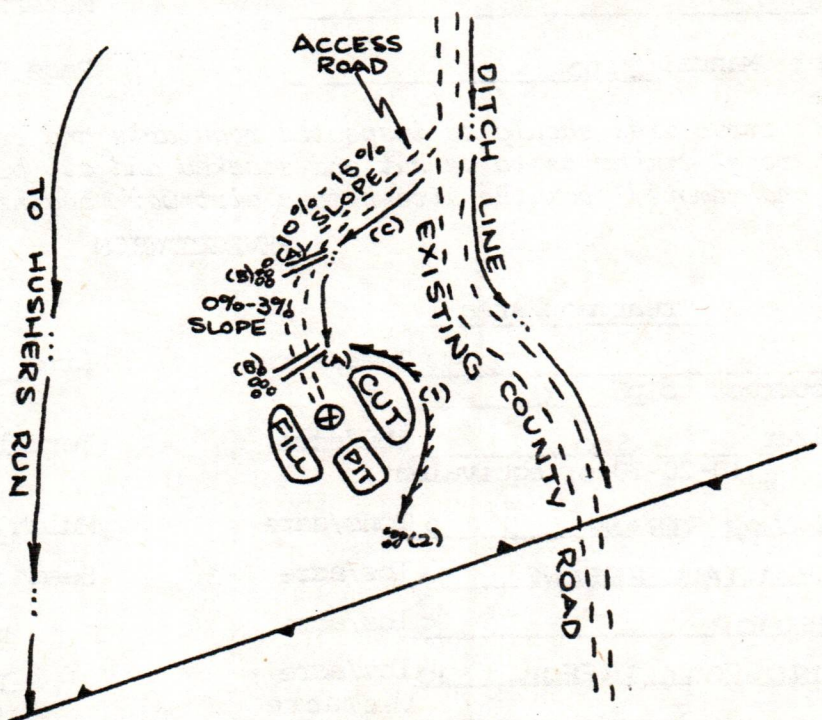
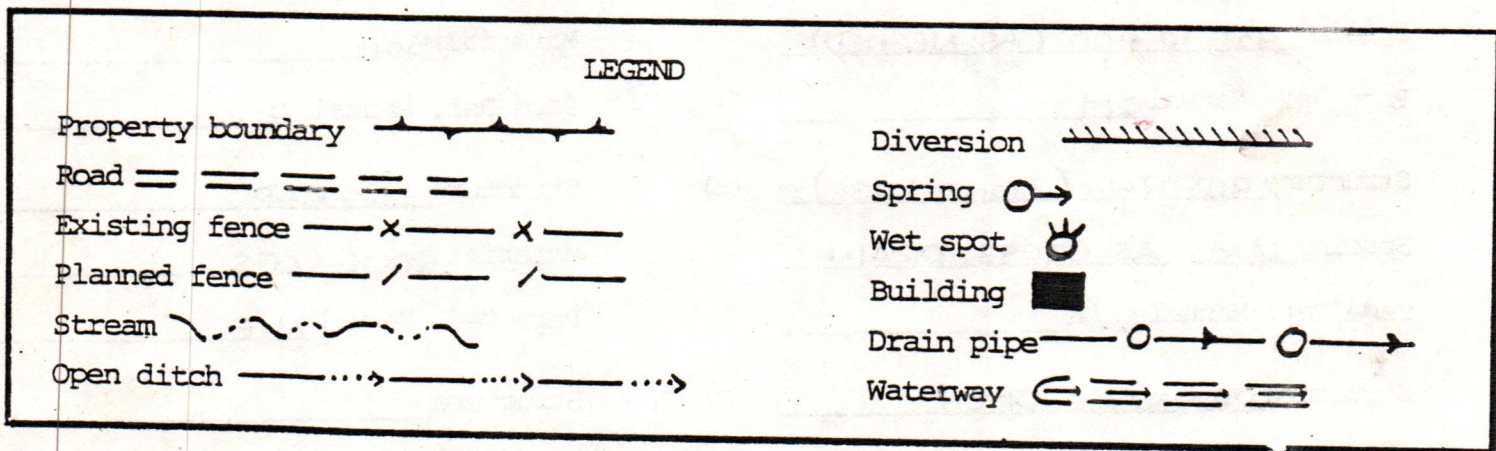
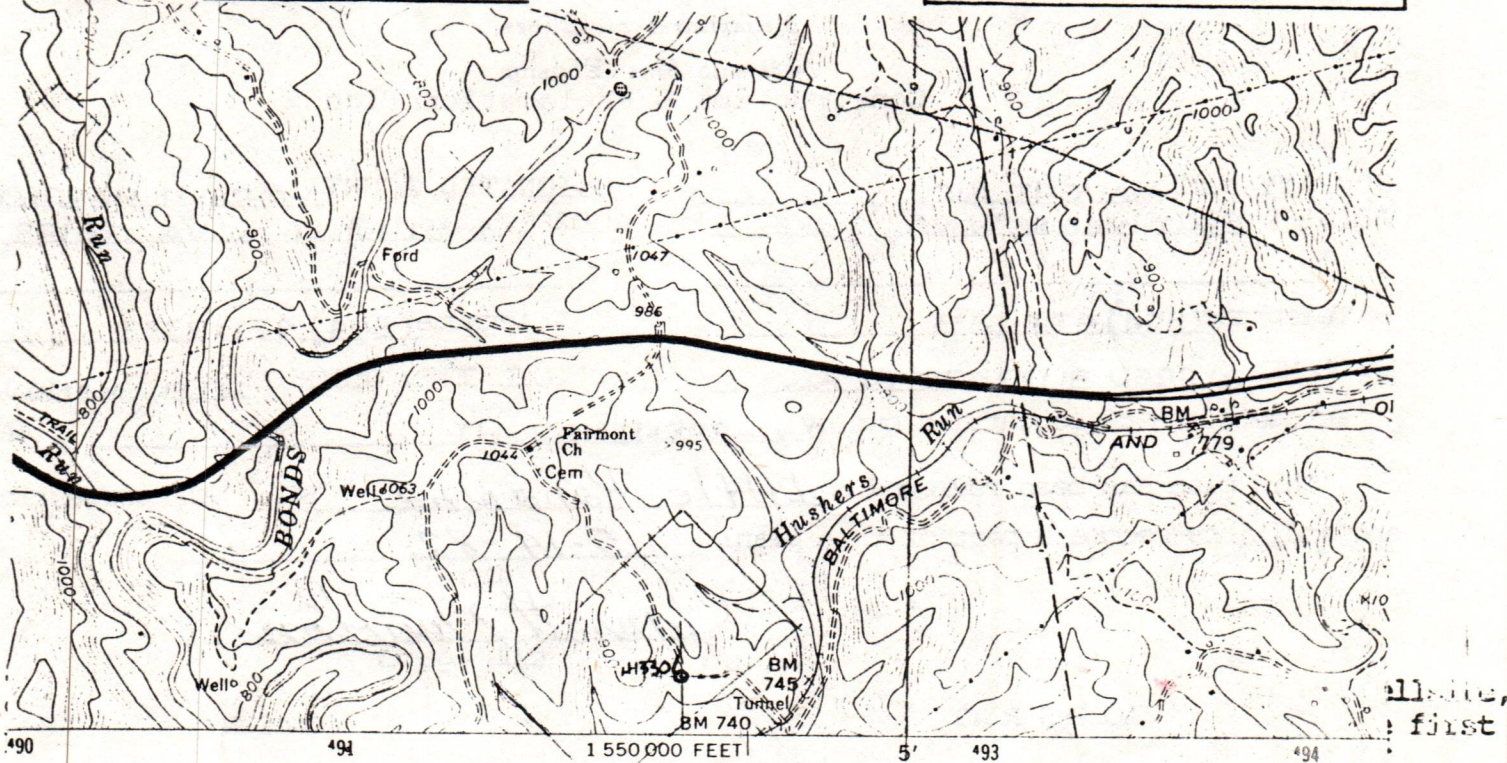
04/19/2024

Date: , 19

By
Its

ATTACH OR PHOTOCOPY SECTION OF
INVOLVED TOPOGRAPHIC MAP.
QUADRANGLE ELLENBORO

LEGEND
WELL SITE ⊕ ACCESS ROAD —



- Comments:
1. LENGTH OF ACCESS ROAD 300'
 2. BRUSH AND TREES TO BE PILED AT SITE.
 3. _____
 4. _____
 5. _____

04/19/2024



IV-9
(Rev 8-81)

DATE 11 MAY, 1982

WELL NO. H-1330

API NO. 47 - 085 - 5628

State of West Virginia

Department of Mines

Oil and Gas Division

Construction & Reclamation Plan

COMPANY NAME HAUGHT, INC.
ADDRESS SMITHVILLE, W.VA. 26178

DESIGNATED AGENT WARREN HAUGHT
ADDRESS SMITHVILLE, W.VA. 26178

Telephone (304) 477-3333

Telephone (304) 477-3333

LANDOWNER ALFRED BLIZZARD, ET. AL.

SOIL CONS. DISTRICT LITTLE KANAWHA

Revegetation to be carried out by WARREN HAUGHT (Agent)

This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan: 5-14-82

(Date)

Jarrett Newlon
(SCD Agent)

ACCESS ROAD

LOCATION

Structure CROSS DRAIN (A)
Spacing 45' TO 400' (AS NEEDED)
Page Ref. Manual 2:4

Structure DIVERSION DITCH (1)
Material SOIL
Page Ref. Manual 2:10

Structure RIP- RAP (STONE- LOGS) (B)
Spacing SAME AS CROSS DRAIN
Page Ref. Manual N/A

Structure RIP- RAP (2)
Material ROCK- LOGS
Page Ref. Manual N/A

Structure DRAINAGE DITCH (C)
Spacing _____
Page Ref. Manual 2:10

Structure _____ (3)
Material _____
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 _____ Tons/acre
or correct to pH 6.5
Fertilizer 500 lbs/acre
(10-20-20 or equivalent)
Mulch HAY OR STRAW 2 Tons/acre
Seed* KY31 TALL FESCUE 40 lbs/acre
REDTOP 5 lbs/acre
BIRDSFOOT TREFOIL 10 lbs/acre
lbs/acre

Lime _____ Tons/acre
or correct to pH 6.5
Fertilizer 500 lbs/acre
(10-20-20 or equivalent)
Mulch HAY OR STRAW 2 Tons/acre
Seed* ORCHARD GRASS 12 lbs/acre
LADINO CLOVER 3 lbs/acre
TIMOTHY 6 lbs/acre
BIRDSFOOT TREFOIL 10 lbs/acre

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

04/19/2024

PLAN PREPARED BY WILLIAM R. 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.



Date: June 23, 19 82

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

Operator's Well No. #1

API Well No. 47 085 5628-REV.

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 xx / (If "Gas", Production xx / Underground storage / Deep / Shallow /)

LOCATION: Elevation: 860' Watershed: Hushers Run 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 Bridgeport, WV 26330

OIL & GAS ROYALTY OWNER Maxine & Foster Smith

Address 2 G Cape Shores Dr. Cape Canaveral, Fla. 32920

Acreage 91

SURFACE OWNER Alfred Blizzard et al

Address 735 Westview Drive Belpre, Ohio 45714

Acreage 91

FIELD SALE (IF MADE) TO:

Address

OIL & GAS INSPECTOR TO BE NOTIFIED

Name Deo Mace

Address Rt 1, Box 5 Sandridge, WV 25325

COAL OPERATOR none

Address

COAL OWNER(S) WITH DECLARATION ON RECORD:

Name

Address

Name

Address

COAL LESSEE WITH DECLARATION ON RECORD:

Name none

Address

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed / lease other contract xx / dated June 7, 19 82, to the undersigned well operator from Haight Inc.

(IF said deed, lease, or other contract has been recorded:) not yet recorded/information will be sent when recorded. Recorded on, 19, in the office of the Clerk of the County Commission of County, West Va., in Book at page. 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

04/19/2024

PETROLEUM DEVELOPMENT COPORATION

Well Operator

By William K. Overbay Jr. Its Chief Exploration & Production

PROPOSED WORK ORDER

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

DRILLING CONTRACTOR (IF KNOWN) Union Drilling
Address Drawer 60
Buckhannon, WV

GEOLOGICAL TARGET FORMATION, Marcellus

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

Approximate water strata depths: Fresh, 170 feet; salt, 370 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	11 3/4	--	--		x	200'	200'	cement to surface	Sides	
Fresh Water										
Coal									Sizes	
Intermediate	8 5/8	H-40	23#	x		2000'	2000'	cement to surface		
Production	4 1/2	J-55	10.5#	X		5900'	5900'	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 revised permit. THIS PERMIT SHALL EXPIRE
IF OPERATIONS HAVE NOT COMMENCED BY 2-28-83.
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 04/19/2024 has authorized 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

A S S I G N M E N T

a-10

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 04/19/2024 the option to either replace the acreage with like acreage or refund money paid for unclearable acreage.

a-11

WITNESS the following signature's and seal:

(SEAL) Warren R. Haught
WARREN R. HAUGHT

(SEAL) _____
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 _____

COUNTY OF _____

BEFORE ME, the undersigned authority in and for the state and county aforesaid,
on this day personally appeared _____

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

Given under my hand and seal of office this _____ day of _____ 19

Notary Public

My Commission Expires on _____ 19

04/19/2024

Ritchie County, West Virginia
Assignments to Petroleum Development Corporation

<u>Lease Name</u>	<u>District</u>	<u>Book</u>	<u>Page</u>	<u>Lease Date</u>	<u>Expiration Date</u>	<u>Acreage</u>
1. Bernard Varner et al	Grant	136	343	4-13-81	5-24-82	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	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	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	125 3/4
16. James Dickel	Grant	130	549	3-1-80	9-30-81	66
17. Harry E. Moats et ux	Grant	124	494	1-1-78	3-1-82	102 1/2
8. Mary E. & Gordon Kibbee	Grant	136	346	2-27-81	5-21-83	321
14. Maxine & Foster Smith	Grant	137	216	6-2-81	6-2-82	91
18. W. F. Moyers (Rit. Petro.)	Grant	132	258	12-7-77	12-12-99	51
22. 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
14. W.K. Schofield	Clay	129	473	10-30-79	11-30-82	78
5. R. B. Robertson	Clay	140	30	12-7-81	6-7-82	39
17. Boston & Evans (Denver C.)	Grant	131	579	6-9-80	6-17-82	46 1/2

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 _____

a-12

04/19/2024

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

		<u>N₂</u>	<u>CO₂</u>
1st Stage	48 perfs (5184-5910)	795,000 scf	---
2nd Stage	32 perfs (4143-4890)	680,000 scf	20 tons
3rd Stage	36 perfs (2613-3872)	480,000 scf	20 tons

** Frac job completed September 30, 1982.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
K.B.-G.L.			0	10	
Sand, shale, red rock			10	1990	1076' salt water
Squaw			1990	2073	
Sand, shale			2073	2173	
Weir			2173	2240	
Sand, shale			2240	2359	
Sunbury Shale			2359	2371	
Berea			2371	2409	
Sand, shale			2409	2474	
Gantz			2474	2490	
Sand, shale			2490	2502	
30'			2502	2530	
Sand, shale			2530	2554	
50'			2554	2618	
Sand, shale			2618	2640	
Gordon Stray			2640	2652	
Sand, shale			2652	2661	
Gordon			2661	2680	
Sand, shale			2680	3279	
Huron Shale			3279	4404	
Java			4404	4804	
Angola			4804	5128	
Rhinestreet			5128	5626	
Sonyea			5626	5739	
Genessee			5739	5833	
Marcellus Shale			5833	5926 T.D.	

(Attach separate sheets as necessary)

Petroleum Development Corporation

Well Operator

By:

M. C. Dwyer

04/19/2024

Date:

April 4, 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 coal, encountered in the drilling of a well."



** Please note: this IV-35 will replace original submitted dated 10/18/82.

IV-35 (Rev 8-81)

State of West Virginia Department of Mines Oil and Gas Division

Date April 4, 1983 Operator's Well No. #1 Farm Maxine & Foster Smith API No. 47 - 085 - 5628 Rev.

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

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

LOCATION: Elevation: 860' Watershed Hushers Run District: Grant County Ritchie Quadrangle Ellenboro 7 1/2'

COMPANY Petroleum Development Corporation ADDRESS P.O. Box 26, Bridgeport, WV 26330 DESIGNATED AGENT Michael L. Edwards ADDRESS P.O. Box 26, Bridgeport, WV 26330 SURFACE OWNER Alfred Blizzard etal ADDRESS 735 Westview Dr., Belpre, Ohio 45714 MINERAL RIGHTS OWNER Maxine & Foster Smith ADDRESS 25 G Cape Shores Dr., Cape Canaveral, FL 32920 OIL AND GAS INSPECTOR FOR THIS WORK Samuel Hersman ADDRESS Box 66, Smithville, WV PERMIT ISSUED DRILLING COMMENCED 6/28/82 DRILLING COMPLETED 07/11/82 IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON

Table with 4 columns: Casing & Tubing, Used in Drilling, Left in Well, Cement fill up Cu. ft. Includes a 'RECEIVED' stamp dated APR 7 - 1983 from the OIL AND GAS DIVISION, DEPARTMENT OF MINES.

GEOLOGICAL TARGET FORMATION Marcellus Shale Depth 5900 feet Depth of completed well 5960 feet Rotary XX / Cable Tools Water strata depth: Fresh 42 feet; Salt 1076 feet Coal seam depths: None Is coal being mined in the area? No

OPEN FLOW DATA Producing formation Devonian Shale Pay zone depth 5184-5910 feet Gas: Initial open flow 800 Mcf/d Oil: Initial open flow 200 Bbl/d Final open flow Mcf/d Final open flow Bbl/d Time of open flow between initial and final tests hours Static rock pressure 965 psig (surface measurement) after 24 hours shut in (If applicable due to multiple completion--)

RITCHIE 5628 Rev

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

INSPECTOR'S WELL REPORT

Permit No. 85-5628

Oil or Gas Well _____
(KIND)

Company <u>PDC</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>M. Smith</u>	16			Kind of Packer _____
Well No. <u>1</u>	13			Size of _____
District <u>Grant</u> County <u>Petchie</u>	10			Depth set _____
Drilling commenced _____	8 1/4			Perf. top _____
Drilling completed _____ Total depth _____	6 5/8			Perf. bottom _____
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			

RECEIVED
JUL 11 1983

Drillers' Names _____

Remarks: inspect - cannot release location all torn up by service rig

OIL & GAS DIVISION
DEPT. OF MINES

7-6-83
DATE

Steve Casey
04/19/2024

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		
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

04/19/2024

DISTRICT WELL INSPECTOR

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

RECEIVED
AUG 30 1983

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 095-5628 REV

Company PET DEV. CORP.

Address _____

Farm MAXINE Smith

Well No. 1.

District Grant County Ritchie

Drilling commenced _____

Drilling completed _____ Total depth _____

Date shot _____ Depth of shot _____

Initial open flow _____ /10ths Water in _____ Inch

Open flow after tubing _____ /10ths Merc. in _____ Inch

Volume _____ Cu. Ft.

Rock pressure _____ lbs. _____ hrs.

Oil _____ bbls., 1st 24 hrs.

Fresh water _____ feet _____ feet

Salt water _____ feet _____ feet

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

Remarks: Final inspection

O.K. to Release
on well record

8-25-83
DATE

Mike [Signature]
04/19/2024
DISTRICT WELL INSPECTOR

Form 26
2/16/82

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION
INSPECTOR'S PLUGGING REPORT

Permit No. _____ Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner	Location		Amount	Packer	Location			
	PLUGS USED AND DEPTH PLACED				BRIDGES	CASING AND TUBING		
	CEMENT-THICKNESS	WOOD-SIZE			LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE

Drillers' Names _____

Remarks: _____

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

04/19/2024
DISTRICT WELL INSPECTOR



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

WALTER N. MILLER
DIRECTOR

THEODORE M. STREIT
ADMINISTRATOR

September 2, 1983

Petroleum Development Corp.
P. O. Box 26
Bridgeport, W. Va. 26330

Gentlemen:

The required records and reports have been received in this office and the District Inspectors have submitted FINAL INSPECTIONS for the following wells listed below:

<u>PERMIT NUMBER</u>	<u>FARM AND WELL NUMBER</u>	<u>DISTRICT</u>
RiT-5628-REV.	Maxine & Foster Smith, #1	Grant
RIT-5771	Jennings Ross, #34-2535-5	Grant
RIT-5863	Westvaco Corporation, #A-2	Grant
RIT-5899	Brian G. & Diane Whalin, #1	Grant
RIT-6024	Alfred Blizzard et al, #2	Grant
RIT-6129	Daniel Donnelly etux, #1	Grant

In accordance with Chapter 22, Article 4, Section 2, the above captioned wells will remain under bond coverage for "life of wells." Reclamation requirements have been approved.....

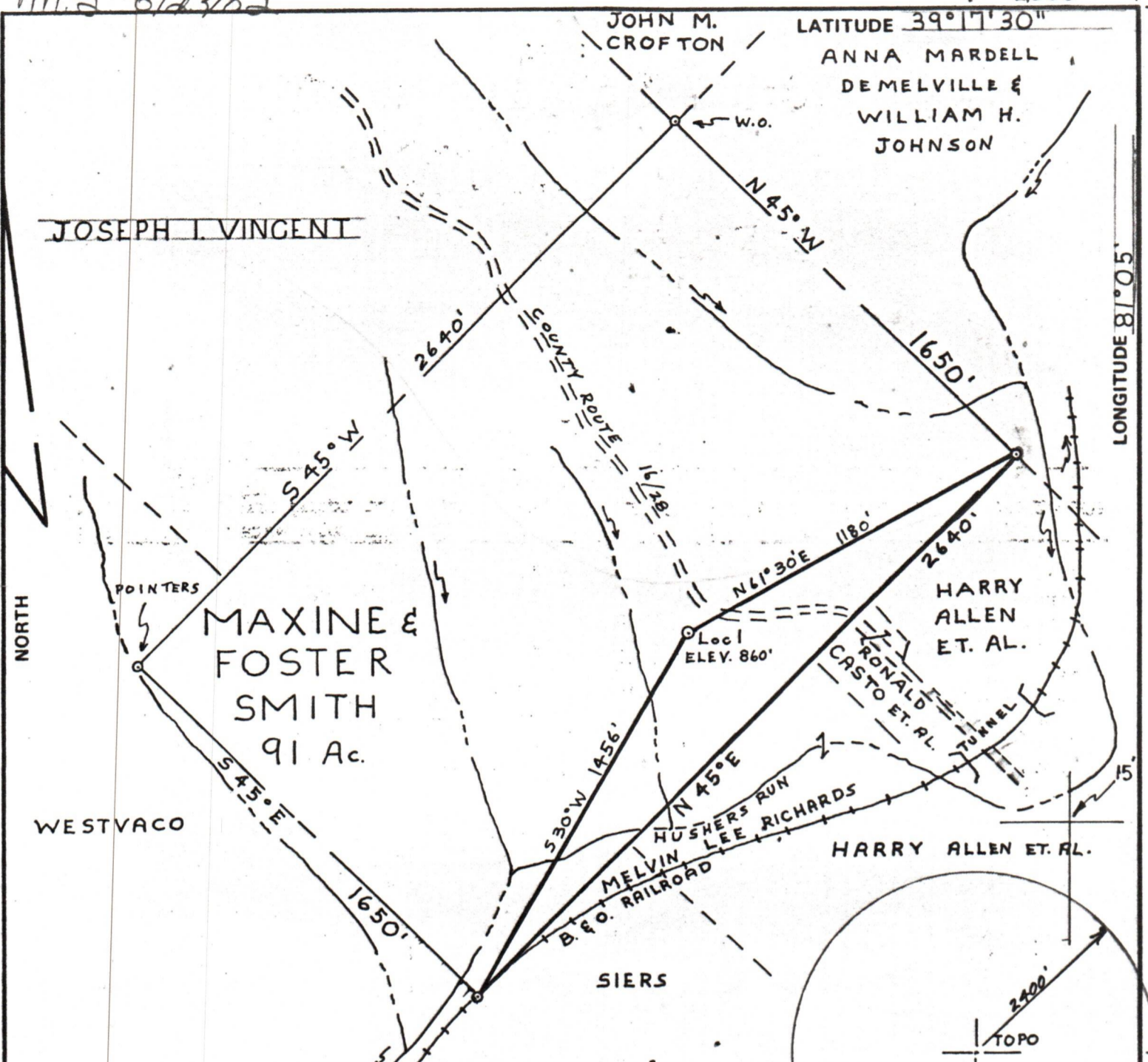
Very truly yours,

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

04/19/2024

M.S. 6/23/82

2,300'



LONGITUDE 81° 05'

14,580'

FILE NO. _____
 DRAWING NO. I
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 IN 200
 PROVEN SOURCE OF ELEVATION ROAD INT. = 1044'

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 G. Dean, Sr.
 R.P.E. 1856 L.L.S. _____

848
 *
 PLACE SEAL HERE

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



DATE JUNE 23, 19 82
 OPERATOR'S WELL NO. _____
 API WELL NO. _____
47 - 085 - 5628-rev.
 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 860' WATER SHED HUSHERS RUN
 DISTRICT GRANT COUNTY RITCHIE
 QUADRANGLE ELLENBORO 7 1/2

SURFACE OWNER ALFRED BLIZZARD ET AL. ACREAGE 91
 OIL & GAS ROYALTY OWNER MAXINE & FOSTER SMITH LEASE ACREAGE 91
 LEASE NO. 364000

04/19/2024

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 MARCEL LUS SHALE ESTIMATED DEPTH 5900'
 WELL OPERATOR PETROLEUM DEVELOPMENT DESIGNATED AGENT JOHN R. MITCHELL
 ADDRESS P.O. BOX 26 ADDRESS P.O. BOX 26
BRIDGEPORT W.V. BRIDGEPORT W.V.