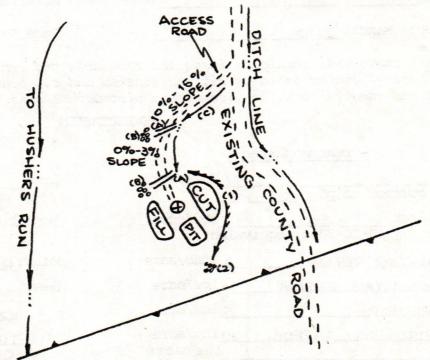
FORM IV-2 (Obverse)	DEPARTMENT	TATE OF WEST VIRGINIA OF MINES, OIL AND GAS DIVISION	Date: May 14 , 198
[08-78]			Operator's Well No. H-1330
	OIL AND	GAS WELL PERMIT APPLICATION	API Well No. 47 - 085 5628
	XX / Gas XX /		State County Perm
(11	"Gas", Production XX /	Underground storage / D	eep/ Shallow XX'/)
LOCATION: Ele	evation: 860'	Watershed:Hushers Run	
Dis	trict: Grant	County: Ritchie Quad	rangle: Ellenboro 7½'
WELL OPERATOR	Haught, Inc.	S-ichvilla, Crichta	
	Rt. 3, Box 14		Warren R. Haught
	Smithville, WV 26178		Rt. 3, Box 14
	5m2cm1111c, w 20170	RECEIVE	Smithville, WV 26178
OIL & GAS	Maxine & Foster Smith	NADY 1 7 1982 NADY 1 7 1982 OIL AND GASTOF MINE	
		MOAL OPERABORSION	None
	2 G Cape Shores Dr.	OIL AND MENT OF ESS	
A STATE OF THE STA	Cape Canaveral, FL 3292	0	14 74 74 15 17 17 17 17 17 17
Acreage		COAL OWNER(S) WIT	PH DECLARATION ON RECORD:
	Alfred Blizzard et al	Name	
Address	and must not standing		
-	200 200 03 201000 0 PT 550		
Acreage	91	Name	
FIELD SALE (1F M	ADE) TO:	Address	
Name	taged and some the		1
Address	1	COAL LESSEE WITH I	DECLARATION ON RECORD:
		Name .	
OIL & GAS INSPECT	TOR TO BE NOTIFIED		
	Deo Mace	Address	
Address	Rt. 1, Box 5		
	Sandridge, WV 25325		
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
The und	ersigned well operator is	entitled to operate for oil or	Tas numposes at the
location under a	deed/ lease XX /	other contract / dated	June 2, 1981, to the
undersigned well	operator from	Maxine & Foster Smith	June 2 , 19 81 , to the
[If said deed, le	ase, or other contract has	been negonded.	
Recorded on Ju	11y 9 . 19 81 . in th	o office of the	
County, West Virg.	inia, in Lease	ne office of the Clerk of the Co	ounty Commission of Ritchie
PROPOSED WORK	K: Drill XX / Drill	at page 216 . A	permit is requested as follows:
	Plum ner all e	er/ Rodrill / Fracture	or stimulate/
	ring off old formation	Perforate new formatio	n/
	Other physical change	in well (specify)	A STATE OF THE STA
		Management of the second of th	No. 1
	planned as shown on	the work order on the reverse s	ide hereof.
The abov	e named coal operator, co.	al owner(s), and coal lessee are	G honeka adda a
	" to make or are required	to make by Code \$ 22-4-3 must	ho filed to
of Mines within fi	fteen (15) days after the	receipt of this Application by	the Department
Copies o	f this Permit Application	and the enclosed plat and recla	the Department.
	to to	he shove named 3	
on or before the da	ay of the mailing or deliv	ery of this Population, o	coal owner(s), and coal lesse-
harleston, West V	irginia.	ery of this Permit Application	to the Depart 19/2024es at
LEASE SUBMIT COPIE EOPHYSICAL LOGS DI	ES OF ALL RECTLY TO:		
EST VIRGINIA OIL A		Hought T	
CONSERVATION CO	MMISSION	Haught, Inc.	1 Operator
615 WASHINGTON STR HARLESTON, WV 253	LET EAST	Danen P	01
ELEPHONE: (304) 3	48-3092	By Wanen A.	Hought-

Its President

PROPOSED WORK ORDER

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

			A	ddre	ss_	Rt. 3, Box 14		A STATE OF THE STA	
						Smithville, W	W 26178	nc Ing.	
								45	
GEOLOGICAL T								In Was all the	
									Cable tools/
						esh,fe			
Approxi	mate co	oal sea	am depth	ns: _		None Is c	oal being mi	ned in the area	? Yes/ No XX
CASING AND T	HDING 1	DDOCDA!	м						
	UBING I		r IFICATI	ONG		FOOTAGE I	NTERVALS	#CEMENT FILL-UP	PACKERS
CASING OR TUBING TYPE	0.1		. We toht	1	1	1		OR SACKS (Cubic feet)	
	Size	Grade	per it	New	Used	For drilling	Dero III wer	(04020-1040)	Kinds
Conductor	0.5/0	77 55	20#	X	10.211	1960' (23)	1960' /50'	Cement to Sur	2.411
Fresh water	8-5/8	K-33	20#	A	- 3	1000 738	1000 /00		Sizes
Coal									
Intermediate		T 55	10.5#	W			5600'	500 Sacks	Depths set
Production	41/2	J-55	10.54	X	+		3000	300 546115	Depons Sev
Tubing			- A		A all	80 (1800)			Perforations:
Liners		1	3108	-					Top Botton:
	-		-	-					100 2000011
	-	-	-	-	+				
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								e original and (i) a plat in	
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Comments:

1. LENGTH OF ACCESS ROAD 300'. 04/19/2024 2. BRUSH AND TREES TO BE PILED AT SITE.

IV-9 (Rev 8-81)

necessary for comments.



DATE 11 MAY, 1982

WELL NO. H-1330

State of Mest Airginia

API NO. 47 - 085 - 5628

Bepartment of Mines

Oil and Gas Bivision Construction & Reclamation Plan

COMPANY NAME HAUGHT, INC.		DESIGNATED AGENT WARREN HAUGHT
ADDRESS SMITHVILLE, W.VA. 26178	_	ADDRESS SMITHVILLE, W.VA. 26178
Teleprone(304)477-3333		Telephone (304) 477-3333
LANDOWNER ALFRED BLIZZARD, ET. AL.		SOIL CONS. DISTRICTLITTLE KANAWHA
Revegetation to be carried out by	APPE	I HAUGHT (Agent)
		Hanawha SCD. All corrections
and additions become a part of this pla	an:	5-14-82
	Ja	rsett New You (SCD Agent)
ACCESS ROAD		LOCATION
Structure CROSS DRAIN	(A)	Structure DIVERSION DITCH (1
Spacing 45' To 400' (AS NEEDED)		Material Soil
Page Ref. Manual >:4		Page Ref. Manual 2:10
Structure RIP- RAP (STONE-LOGS)	(B)	Structure RIP- RAP
Spacing SAME AS CROSS DRAIN		Material ROCK - LOGS
Page Ref. Manual N/A		Page Ref. Manual N/A
Structure DRAINAGE DITCH	(C)	Structure(3
Spacing		Material
Page Ref. Manual 2:10		Page Ref. Manual_
cut and removed from the site before	tacked	
Treatment Area I		Treatment Area II
Lime Tons/acr	e	Lime Tons/acre
or correct to pH 6.5		or correct to pH 6.5
Fertilizer 500 lbs/acre (10-20-20 or equivalent)	١	Fertilizer 500 lbs/acre (10-20-20 or equivalent)
Mulch HAY OR STRAW 2 Tons/acr	e	Mulch HAY OR STRAW 2 Tons/acre
Seed* KY31 TALL FESCUE 40 lbs/acre		Seed* ORCHARD GRASS 12 lbs/acre
REDTOP 5 lbs/acre		LADINO CLOVER 3 lbs/acre
BIRDSFOOT TREFOIL 10 lbs/acre	e	BIRDFOOT TREFOIL 10 bs/acre
*Inoculate all legumes such as vetch Inoculate with 3X recommended amount.	, trefor	il and clovers with the proper bacterium. 04/19/2024
37/2 30 03/u	PLAN I	PREPARED BYWILLIAM R. MOSSOR, L.L.S.
NOTES: Please request landowners' cooperation to protect new		ADDRESS 112 NORTH SPRING STREET
seedling for one growing season. Attach separate sheets as		HARRISVILLE, W. VA. 26362

PHONE NO. (304) 643-4572

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



	State	County	Permit
API Well No	47	085	5628-REV
Operator's Well No		4/	1
Date:	June	23 , 19	82

Permit

STATE OF WEST VIRGINIA

	DEPARTMENT OF MINES.	OIL AND GAS DIVISION
	OIL AND GAS WELL PE	RMIT APPLICATION
WELL TYPE:	Oilxx/ Gasxx/	
	(If "Gas", Production xx / Undergr	ound storage/ Deep/ Shallow/)
LOCATION:	Elevation: 860' Waters	ned: Hushers Run
		:RitchieQuadrangle:Ellenboro 7½'
WELL OPERATO	OR PETROLEUM DEVELOPMENT CORPORATI	ON 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 OWN	NER Maxine & Foster Smith	COAL OPERATOR none
	2 G Cape Shores Dr.	Address
	Cape Canaveral, Fla. 32920	
	91	COAL OWNER(S) WITH DECLARATION ON RECORD:
Acreage SURFACE OWN	NER Alfred Blizzard et al	Name
Address	735 Westview Drive	Address
	Belpre, Ohio 45714	
Acreage	01	Name
FIELD SALE (I		Address
		COAL LESSEE WITH DECLARATION ON RECORD:
OIL & GAS INS	SPECTOR TO BE NOTIFIED	Namenone
	eo Mace	Address
	Rt 1, Box 5	
	Sandridge, WV 25325	
The undersione		ourposes at the above location under a deed/ lease
other contract		to the undersigned well operator from Haught Inc.
(IF said deed, le	ease, or other contract has been recorded:)not	yet recorded/information will be sent when recor
Recorded on	, 19, in the office of the Cle	erk of the County Commission of County, West
Va., in	Bookat page	A permit is requested as follows:
PROPOSED W	VORK: Drill XX / Drill deeper/ Re	edrill/ Fracture or stimulate/
	Plug off old formation/ Perform	ate new formation/
	Other physical change in well (specify)	APEGA DI MODA CALANTA RESERVA
	3,919.6	IF OPERALIZED DATE OF STALL E
	-planned as shown on the work order or	n the reverse side hereof.
The above nam		hereby notified that any objection they wish to make or are required to
make by Code \$2	22-4-3 must be filed with the Department of Mine	s within fifteen (15) days after the receipt of this Application by the
Department.		
Copies of this F	Permit Application and the enclosed plat and reclam	ation plan have been mailed by registered mail or delivered by hand to
the above named	l 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.	
	T COPIES OF ALL	04/19/2024
GEUPHYSICAL	LOGS DIRECTLY	DETENDICIEM DEVELOPMENT CODORATION

TO: WEST VIRGINIA OIL AND GAS CONSERVATION COMMIS-SION 1615 WASHINGTON STREET EAST CHARLESTON, WV 25311 TELEPHONE: (304) 348-3092

PETROLEUM DEVELOPMENT COPORATION

Well Operator

Its Cheif Exploration & Production

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

PROPOSED WORK ORDER

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

GEOLOGICAL TARGET FORMATION, Marcellus Estimated depth of completed well, 5900 feet Rutary xx / Cable tools / Approximate water strata depths: Fresh, 170 feet; salt, 370 feet. Approximate coal seam depths: IONE Is coal being mined in the area? Yes / No xx / Casing AND TUBING PROGRAM CASING AND TUBING PROGRAM CASING AND TUBING PROGRAM CASING ON SPECIFICATIONS TUBING PROGRAM CONSIDER STREET OF THE WAY A COOL OF For drilling List in well COR SACKG (Cubic feet) TORING TYPE SIZE GRADE STREET OF THE WAY A COOL CEMENT FILLUP FACKERS TORING TYPE SIZE GRADE STREET OF THE WAY A COOL	DRILLING CO	NTRACT	OR (IF	KNOWN						
Estimated depth of completed well, 5900 feet Rotary XX / Cable tools / Approximate water strata depths: Fresh, 170 feet; salt, 370 feet. Approximate coal scann depths: none Is coal being mined in the area? Yes / No XX CASING AND TUBING PROGRAM CASING OR SPECIFICATIONS TUBING PROGRAM CASING OR SPECIFICATIONS TUBING TYPE Size Grade Per 1 New Usee For drilling Laft in well CABLE C					Ad	dress	Drawer 60			
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:							Buckhanno	n, WV		
Approximate water strata depths: Fresh, 170 feet; salt, 370 feet. Approximate coal seam depths: Inone Is coal being mined in the area? Yes / No XX CASING AND TUBING PROGRAM CASING ON THE STREET ON THE COAD TO THE COAD TO THE TUBING TYPE STREET ON THE TUBING THE TUBIN	GEOLOGICAL	TARGE	T FORM	ATION,		Marc	ellus			
Approximate coal seam depths: Solution	Estimate	d depth o	of compl	eted wel	l,	590	0fe	et Rotary	/xx/ Cab	le tools/
CASING AND TUBING PROGRAM CASING OR PROGRAM CASING OR PROGRAM CASING OR PROGRAM CONDUCTOR CONDUCTOR CONTROL OR SACKS CANTICLE OR SACKS CONTROL OR SACKS CONTROL OR SACKS CANTICLE OR	Approxim	nate wate	er strata	depths:	Fresl	h,	170 feet	; salt, 37	O feet.	
CASING AND TUBING PROGRAM CASING OR PROGRAM CASING OR PROGRAM CASING OR PROGRAM CONDUCTOR CONDUCTOR CONTROL OR SACKS CANTICLE OR SACKS CONTROL OR SACKS CONTROL OR SACKS CANTICLE OR	Approxi	nate coal	seam de	epths:	no	ne	Is coa	being mined	in the area? Yes	/ No/
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Date:	D			10				By		

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

WITNESS the following signature's and scal:

(SEAL) Marien P. Anglit
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
E 18m
mel C/ means
Notary Fabric
My Commission Expires September 4 1990
STATE OF
COUNTY OF
and county aforesaid
BEFORE ME, the undersigned authority in and for the state and county aforesaid,
on this day personally appeared
in the foregoing instrument
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
Given under my hand and seal of office thisday of19
Notary Public
My Commission Expires on

04/19/2024

Ritchie County, West Virginia

Assignments to Petroleum Development Corporation

Acreage		65 3/4	71 1/2	145	100	271	7/1 00	26	74	149	75	376 36	273.33	6/ 1/2	37 1/2	57	125 377	4/6 (7)	99	102 1/2	321	16	. 17	10	124	7.1	100	1/8	39	46 1/2
Expiration Date		0-74-87	2-28-83	7-12-82	8-13-85	3-5-83	2 10 03 3	J-10-62 D	7-10-82	8-23-82	8-23-82	2-22-83 n	0 00 00 0	0-70-03	10-21-85	2-1-82	6-8-81 n	10 00	9-30-61 D	3-1-82 D	5-21-83 D	6-2-82	12-12-99	66-71-71	10-21-85	11-30-82	11-30-82	20-05 11	0-/-87	6-17-82
Lease Date	13.01	4-13-01	2-28-78	7-12-80	8-13-80	3-6-78	3-20-81	10-07-6	/- 10-80	3-20-81	3-20-81	2-22-80	1-6-81	20 00 01	12-30-80	7-8-78	3-23-80	3-1-80	00-1-0	1-1-/8	2-27-81	6-2-81	12-7-77		8/-/-/	10-23-78	10-30-79	12-7-81	10-/-71	08-6-9
Page	٤ 7٤	200	700	/ 40	249	758	373	71.6	040	349	355	242	636	177	4//	498	479	549	707	424	340	216	258	680		363	473	30	023	6/0
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Lease Name	rd	Ralph C. Valentine et ux	ET.		of Change	r.c. sheppard	William Davis Hewitt et ux	Alah W. Rexroad & John	Sue W. Davis er al	Davide	Davis el	Daniel Donnelly	Gene A. Minks	Woodrow L. Metz	L.W. Davis	C U Dante	lower Makes		Harry E. Moats et ux	7-1	Maxine & Foster Smith			Walter C. Gray	Cliff Wilson	C	3	K. B. Kobertson	Boston & Evans (Denver C.)	

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10. Daniel Donnelly - Reserving Well II-999 and twenty acres (20) as recorded in Lease Book 132 at Page 279.

14. L.W. Davis- Reserying all rights through the Big Injun., recorded in Lease Book 130 at Page 557.

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

1. Woodrow L. Metz - Reserving all rights through the Big Injun including the exsisting wells, and 20 acres surrounding wells, for the benefit of Haught Inc. , Record in Lease Book

of Haught Inc., Record in Lease Book at Page Reserving all rights through the Big Injum including the exsisting wells, and 20 acres surrounding well, for the benefit

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

			_N ₂ _			02-
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 fres and salt water, coal, oil and ga
K.BG.L.	0	10	
Sand, shale, red rock	10	1990	1076' salt water
Squaw	1990	2073	1070 Bare water
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		
Sand, shale	2652	2652	
Gordon	2661	2661	
Sand, shale	2680	2680	
Huron Shale		3279	
Java	3279	4404	
Angola	4404	4804	
Rhinestreet	4804	5128	
Sonyea	5128	5626	
Genessee	5626	5739	
Marcellus Shale	5739	5833	
	5833	5926 T.D.	
PARTO CAL CHA JOS MINAS MINISTERS	5.30		
•			
		region bester store in the	

(Attach separate sheets as necessary)

Well Operator	
M (EXMOSS	04/19/2024
By: // - C C TOO S	
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 inval, encountered in the drilling of a well."



IV-35 (Rev 8-81) ** Please note: this IV-35 will replace original submitted dated 10/18/82.

Date	April	4,	1983	
Operat	or's	Esta 1		-
Well N	io. #]			

State of Mest Nirginia

Bepartment of Mines Gil und Gas Bivision Farm Maxine & Foster Smith

API No. 47 - 085 - 5628 Rev.

WELL OPERATOR'S REPORT OF

	DRILLING	, FRACTUR	ING AND/OR S	TIMULATING	, OR PHYSICA	L CHANGE	
WELL TYPE:	Oil xx / (rf "Gas,"	Gas <u>xx</u> / Production	Liquid Injec on <u>xx</u> / Under	tion_/Waground Stor	aste Disposa rage/ Dee	l/ p/ Sha	illow/
LOCATION:	Elevation: District:	860' Grant	Watershed	TIGOTIOT D	Quadrangle	o Ellowhy	71.1
		1e(0)		recite		e Ellenbo	oro 13.
COMPANY_F	Petroleum Deve	elopment Co	orporation				1
ADDRESS F	P.O. Box 26, 1	Bridgeport,	, WV 26330	Casino	Ilsed in	Tef+	Cement

rectotedin bevelophent corporation				
ADDRESS P.O. Box 26, Bridgeport, WV 26330	Casing	Used in	Left	Cement
DESIGNATED AGENT Michael L. Edwards	Tubing	Drilling		fill up Cu. ft.
ADDRESS P.O. Box 26, Bridgeport, WV 26330	Size			
SURFACE OWNER Alfred Blizzard etal	20-16	30'	30'	
ADDRESS 735 Westview Dr., Belpre, Ohio 45714	Cond.	-		
MINERAL RIGHTS OWNER Maxine & Foster Smith	13-10"	208'	2081	160 sks.
ADDRESS 25 G Cape Shores Dr., Cape Canaveral, FL	9 5/8	1848'	1848'	480 sks.
OIL AND GAS INSPECTOR FOR THIS WORK Samuel	8 5/8	1040	1040	400 SKS.
Hersman ADDRESS Box 66, Smithville, WV	7			
PERMIT ISSUED	5 1/2	-		
DRILLING COMMENCED 6/28/82	4 1/2	5891'	5891'	752 sks.
DRILLING COMPLETED 07/11/82	3	1687		WIEID)
IF APPLICABLE: PLUGGING OF DRY HOLE ON	2		- IA	19
CONTINUOUS PROGRESSION FROM DRILLING OR	Liners	1	APR 7 - 19	
REWORKING. VERBAL PERMISSION OBTAINED ON_	useđ	9	WOEPARTMEN	POF MINES
GEOLOGICAL TARGET FORMATION Marcellus Shale		Dent	h 5900	feet

REWORKING. VERBAL PERMISSION OBTAINED ON_	used STATISTICS WINES
GEOLOGICAL TARGET FORMATION Marcellus Shal	e Depth 5900 feet
Depth of campleted well 5960 feet	
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 flowBbl/d
Time of open flow between ini	itial and final tests hours
Static rock pressure 965 psig(surfa	ace measurement) after 24 hours shut in
(If applicable due to multiple completion	on)
Second producing formation	Pay zone depth feet
	Oil: Initial open flow Bbl/d
	Oil: Final open flow Bbl/d
	itial and final tests hours
	ce measurement) after hours shut in

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S WELL REPORT

PD	0			(KII	Gas Well
mpany PD	C	CASING AND TUBING	DRILLING	LEFT IN WELL	PACKERS
lress		Size			
m 97/.	Smith	16			Kind of Packer
No.	1	13			
ict Sant	County Peter	10 81/4	4.2		Size of
ing commenced		6%			Depth set
ing completed	Total depth	5 3/16			
		3	-		Perf. top
shot	Depth of shot	22			Perf. bottom
l open flow	/10ths Water inI	nch Liners Used			Perf. top
flow after tubing	/10ths Merc. inIr	nch			Perf. bottom
me	Cu.	Ft. CASING CEMEN	TED	SIZE	No. FTDat
pressure	lbsh	1			
	bbls., 1st 24 h	rs. COAL WAS ENC	OUNTERED	AТ	FEETINCHES
water	feetfe	and the profit of the second			
ater					FEETINCHES
		et FEET	INCHE		MECELVA
rs' Names					
			/		JUL 1 1 1983
iks:	eteorial/to	not role	isl		OIL & GAS DIVISION
	1	,			SEDT OF MILE

7-6-83 DATE Sperie Carry 04/19/2024

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

COMPANY			ADDRESS	03.		
FARM						
Filling Material Used						
iner Location Amount Packer Location						
PLUGS USED A	PLUGS USED AND DEPTH PLACED BRIDGES		CASIN	CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST
			Jatelier.		1111	
				20		
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rillers' Names	3.0		10187	and the second second		
emarks:	577			1		and the second second second second second
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				3.80		
Off & CAS DIVISION		1000	Jos For 1620			
EPT, OF MINE	Curi J		de antila	1	1	
			1. 1	, , , , , , ,		
DATE	hereby certify I v	isited the ab	ove well on this date.			
					04/10	9/2024

DISTRICT WELL INSPECTOR

STATE OF WEST VIRGINIA



	OIL AN	RTMENT OF M	18/8	ECEI	
	INSPECTO	R'S WELL	REPOR	AUG 3	1983
Permit No. 095-	5628 WREV			OIL & GA	AS DIVISION F Gas WHINES
Company PEF	DEV. CORP.	CASING AND TUBING	USED IN DRILLING	LEFT IN	PACKERS
Address		Size			
Parm MAXINE	Smith	16			Kind of Packer
Well No		13			
District GRAND		81/4			Size of
Drilling commenced		6%			Depth set
Drilling completed	Total depth	5 3/16			
	Depth of shot	3			Perf. top
	/10ths Water inInch	Liners Used			Perf. bottom
	/10ths Merc. inInch				Perf. bottom
	Cu. Ft.	CASING CEMEN	TED	SIZE	No. FTDate
Rock pressure	lbshrs.	NAME OF SER			No. FTDate
Oil	bbls., 1st 24 hrs.	COAL WAS EN	COUNTERED A	ΛT	FEETINCHES
Fresh water	feetfeet	FEET_	INCHE		FEETINCHES
Salt water	feetfeet	FEET_	INCHE		FEETINCHES
Drillers' Names					MOILES
	Final	misoso	Last	*	
Remarks:	/	The special section of the section o	NO IV		
	O.K. To	On week	SE		
		on well	record		

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No.	THE RESERVE OF THE PERSON NAMED IN COLUMN 1997 IN C			We	M No	
COMPANY			ADDRESS			
PARM		DISTRICT.		COUNTY		
Pilling Material Used			opense de la constante de la c	produced to the second		
	ntion	Amount	Packer			
		News Section 19	Packer	Location		
PLUGS USED A	NO DEPTH PLACED		BAIDEES	CASIN	G AND TU	BING
CEMENT-THISKNESS	W009-0122	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOS
						-3.
magnesia promoto con respecto de ser ser a constituira por la desta forma de malha de ser se se ser ser ser se	An and a configuration and representations of configurations for the configuration of the con					
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	and the same of	·				
				A. The second second second of the		
			in the research of the			
rillers' Names	:					
emarks:					and the supplier of the suppli	
DATE	I hereby certify I	risited the above	e well on this date.			

04/19/2024



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

THEODORE M. STREIT
ADMINISTRATOR

WALTER N. MILLER DIRECTOR

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:

PERMIT NUMBER	FARM AND WELL NUMBER	DISTRICT
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

