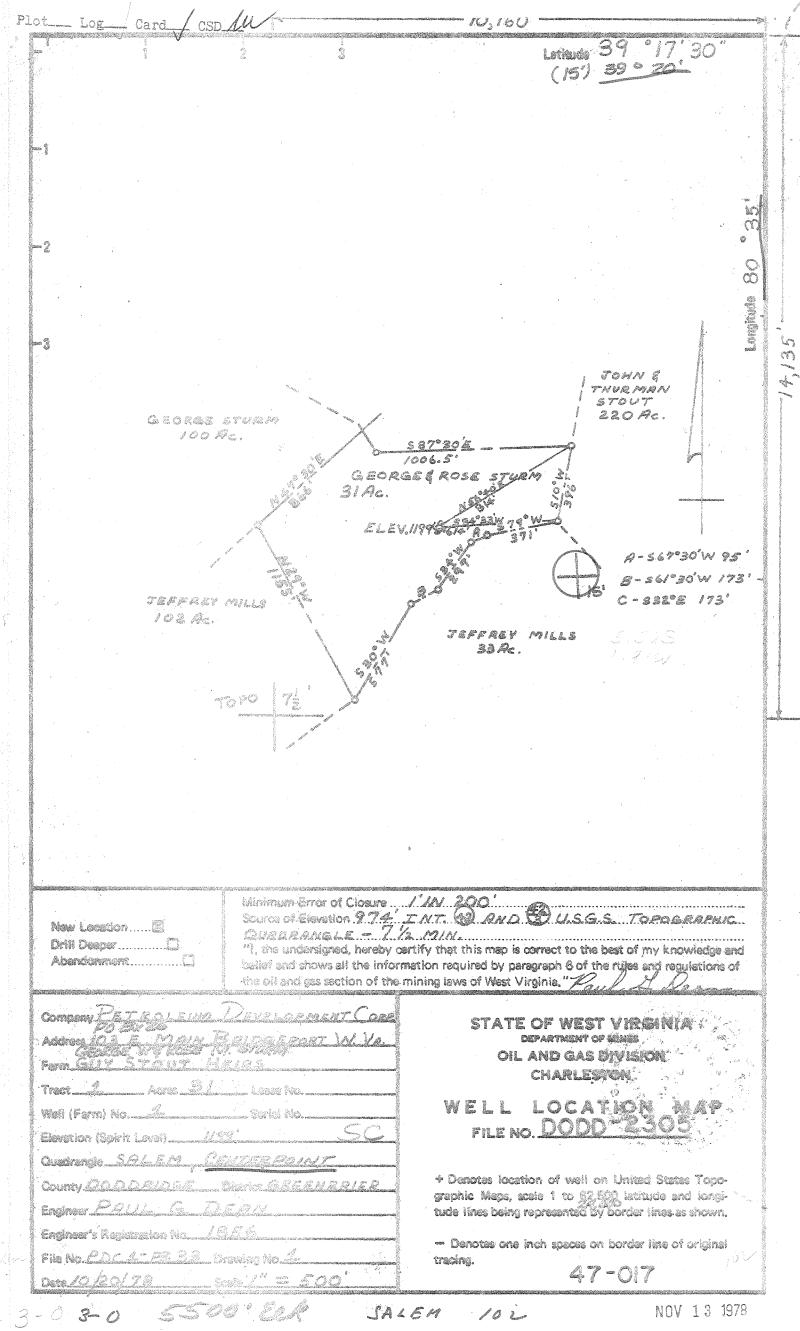


DEC 4 197





STATE OF WEST VIRGINIA DEPARTMENT OF MINES

DECEIVED)

Oil and Gas Division WELL RECORD

RAINE OF A STATE	
CIL & GAS CIVISIO	n Es

Quadrangle Centerpoint Permit NoDODD-2305				Recycling Comb. Water Flood Storage		
47-017-2305				Disposal	(Kijad)	
Company Petroleum Developmen Address P.O. Box 26, Bridgeport Farm Guy Stout Heirs	<u>, W.V. 263</u> 30	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)	
Location (waters) Buffalo Calf Well No. One		Size 20-16				
District Greenbriar County The surface of tract is owned in fee by Rose M. Sturm	1)	Cond. 13-10" 9 5/8				
Address Rt. 1, Salem W.V. Mineral rights are owned by James R.	Stout etal	8 5/8 7		1441	100 sks	
Address Rt. 3, Box 12 Drilling Commenced 11/4/78	l Salem W.V.	5 1/2 4 1/2		none	385 sks	
Drilling Completed 11/8/78 Initial open flow cu. ft Final production cu. ft. per day		3 2 Liners Used				
Well openhrs. before tes Well treatment details:		Attach copy of a	cementing rec	ord.		
					ren (de n een haa n een er regeren hinner kalkander 150 euu er een prong gebrye gebrye saladameer ver	
Coal was encountered at 468-72; 95 Fresh water Producing Sand	Feet	Salt \	Water			
Fresh water	Feet	Salt \	Water			

⁽over)

^{*} Indicates Electric Log tops in the remarks section.

Formation Color Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water * Remarks
	e de como mandada e esta colenda un entracomente do como por la como portante de la como por la como portante del como por la como por la como por la como por la como portante del	e de la companya del companya de la companya del companya de la co	
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5th Shale Speechly Shale Balltown Shale Bradford Shale Riley Shale Benson	3260 3300 3870 4040 4148 4154 4720 4790 5168 5240 5580	3300 3870 4040 4148 4154 4720 4790 5168 5240 5580 5618	
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			November 28 . 19 78

APPROVED Petroleum Development Corp. Owner

By ______
Area ManagehTitle)





OIL & GAS DIVISION DEPT. OF MINES

Off and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,	
Charleston, W. Va.	October 23, 1978
Surface Owner George W. & Rose M. Sturm Route 1, Salem WV	Company Petroleum Development Corporation
Address	Address P.O. Box 26 Bridgeport, WV 26330
Mineral Owner James R. Stout eal	
Address Route 3, Box 121 Salem WV	Location (waters) Buffalo Calf
Coal Owner Consolidation Coal Company	One 11991
Address Rts 119-48 Morgantown, WV	Well No Elevation DistrictGreenbrier Doddridge
Coal Operator	Quadrangle Centerpoint
Address	
THIS PERMIT MUST BE POSTED AT THE WELL SITE I' provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for <u>drilling</u> . This permit shall expire if	INSPECTOR TO BE NOTIFIED Paul Garrett
onerations have not commenced by 2-25-79.	ADDRESS Clarksburg, West Virginia 26301
Dotesta ford	PHONE 622-3871
Deputy Director - Oil & Gas Division	
GENTLEMEN:	
The undersigned well operator is entitled to drill upon	the above named farm or tract of land for oil and gas, having fee
under mereto. (Or as the case may ke) under ment on le-	se dated November 12th 19 77 by Mildred G. S and recorded on the Page 792
County, Book	Page
XX NEW WELLDRILL DEEPER _	REDRILLFRACTURE OR STIMULATE
OIL AND GAS WELL ORIGINALLY DRIL	LED BEFORE JUNE 5, 1969.
The enclosed plat was prepared by a registered engined have been notified as of the above date.	er or licensed land surveyor and all coal owners and/or operators
The above named coal owners and/or operator are here to make by Section 3 of the Code, must be received by, o	by notified that any objection they wish to make, or are required or filed with the Department of Mines within ten (10) days. *
Copies of this notice and the enclosed plat were mailed	by registered mail, or delivered to the above named coal operators
PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:	Very truly yours, PETROLEUM DEVELOPMENT CORPORATION (Sign Name) Well Operator
WEST VIRGINIA GEOLOGICAL AND	P.O. BOX 26
	dress Street
MORGANTOWN, WEST VIRGINIA 26505 Well O	perator Bridgeport
AC-304 - 292-6331	City or Town
	West Virginia 26330
	State

*SECTION 3... If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting and the well operator authorized to proceed.

BLANKET BOND

DODD-2305

_PERMIT NUMBER

THIS IS AN ESTIMATE ONLY ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER T	O XX DRILL	DEEPEN F	RACTURE-STIMULAT	Έ
DRILLING CONTRACTOR: (If Known)	RESPONSIBLE AGENT:		
NAMEUnknown				
ADDRESS		ADDRESS_P.O. Box 26 Bridgeport, WV 2633		
	TELEPHONE TELEPHONE842-6256 FIMATED DEPTH OF COMPLETED WELL: 5500' ROTARY XX CABLE TOOLS			
			CABLE TOOLS	
PROPOSED GEOLOGICAL FOR				
TYPE OF WELL: OIL		COMB STORAGE JING WATER FLC		
TENTATIVE CASING PROGRA				
SIZE	DRILLING	LEFT IN WELL	OR SACKS - CUB	
20 - 16				
13 - 10 11 3/4	40"	40°	Surface	- 444
3 - 5/8	3000			.a(80)
370	1200'	1200'	Surface	
1/2				10 m ² 10 m ²
1/2		5450 '		
			Perf. Top	
iners				Maria de la composición del composición de la co
		22 reducità fres estrolo	Perf. Top	V*: 1
		<u> </u>		
O DRILL DEEPER OR REDRI	HE AREA? NO S OF OG - 1, \$100.00 PERM LL:	BY WHOM? IT FEE, PERFORMANCE BO	OND AND PERMANEN	NT COPY
WELLS DRILLED PRIOR MUST ALSO BE SUBMITT D FRACTURE - STIMULATE:	OF OG - 1, SHOWING ORIG TO 1929, A PERMANENT C ED.	OPY OF THE PLAT AND T	O PERFORMANCE BC HE ORIGINAL WELL	ND. ON RECORD
	DIGINALITY			
OIL AND/OR GAS WELL C	ORIGINALLY DRILLED BEFOR AND ORIGINAL WELL REDRIGINALLY DRILLED ON A JMBER, AND PERFORMANCE of within ninety (90) days of	CORD. ND/OR AFTER JUNE 5, 1929 BOND.	, FIVE COPIES OG - 1	, SHOW-
	· · · · · · · · · · · · · · · · · · ·			*
	be completed by the coal ope			
	ed and place on our mine m	aps this proposed well location	on.	
We theproviding operator has Code.	Coal Company complied with all rules and reg	have no objections to said well ulations in Articles 4, 5, and 7,	ll being drilled at this Chapter 22 of the West	location, t Virginia
		For	Coal Company	
			Official Title	