

5-6

Rocky Fork

SEP 9



STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

Oil and Gas Division WELL RECORD

Quadrangle	Sa	ín	t	Α1	ba	ns
Q 0001011510				_		

Permit No. Put-782

Coal was encountered at Fresh water 70

Producing Sand

Rotary_X	Oil
`able (Gas X
Recycling	Comb.
Water Flood	Storage
Disposal	

Feet .

		. . .	zisposai	(Kind)	
Company Appalachian Exploration & Dev., Inc. Address P.O. Box 628, Charleston, W. Va. 2532 Farm C.E. Albertson Acres 1000	22 Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)	
Location (waters) Bailey Branch/Poca River	Size	8	g salitika		
Well No. 2 Elev. District Pocatalico County Putnam	20-k6x Cond.	19'	19'		
The surface of tract is owned in fee by	13-1027 3/811	150.63	150.6	3 '	
Lee Roy Muck	9 5/8	1927.11	1927.1	Į. T	
Address Poca, West Virginia	8 5/8				
Mineral rights are owned by C.E. Albertson etal	7	4906'	4906		
Address 1040 Main St., Dunedin, Flor	isda/2		,		
Drilling Commenced 10/13/74 33528	4 1/2				
Drilling Completed 10/28/74	3				
Initial open flow cu. ft bbls.	2-3/8"	4804 '			
Final production 320 M cu. ft. per daybbls.	Liners Used				
Well open 24 hrs. before test 1200 RP.					
Well treatment details:	Attach copy of ce	menting recor	d.		
Perforated Oriskany 4760-80' (20 holes). Spotted 1000 gals. MCA down backside. Fract Oriskany with 690 bbls. sand laden fluid, 1050 bbls. total. Breakdown pressure 3100#.					
Acidized perforations 4760-80' with 1500		with inhib	oitor an	d 5-N	
non-emulsion agent. Max. press. 2300# psi.					

		Bottom Feet	Oil, Gas or Water * Remarks
Sand	. 0	94	
Shale	94	118	THE PROPERTY OF THE PROPERTY O
Sand	118	124	
Sandy shale	124	175	
Sand	175	205	Topologica
Shale	205	248	
Sand	248	258	
Shale	258	285	and the second second
Sandy shale	285	465	
Shale	465	698	
Sandy shale	698	865	
Shale	865	1230	
Salt sand	1230	1619	
Big Lime	1619	1802	
Shale	1802	1836	
Injun sa n d	1836	1875	
Shale	1875	2288	
Berea	2288	2298	
Shale	2298	4666	
Lime Comment of the C	4666	4723	
Oriskany sand	4723	4779	No.

Salt Water_

Depth 4760-80"

(over)

None logged

Oriskany

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

Formation Co	olor Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water * Remarks
Newburg		5482	5496	
DTD in	makenzie			
) TD		5530		
Assumed & some		537		
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CEMENT REC				I San Osto San
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CASING		OF SKS.	TYPE	EMENT
CASING	0RD:		TYPE (EMENT A w/1 sk. CaCl 2
CASING	0RD:	OF SKS. 15 125	TYPE (EMENT
CASING	0RD:	OF SKS. 15 125 350	TYPE (Class Class Halli)	EMENT A w/1 sk. CaCl ₂ A 3% CaCl ₂ ourton Lite
CAS ING 20" 13-3/8"	ORD NO.	OF SKS. 15 125	TYPE (Class Class Hallil	EMENT A w/1 sk. CaCl 2 A 3% CaCl 2 ourton Lite ar Cement circulate
CAS ING 20" 13-3/8" 9-5/8"	ORD NO.	OF SKS. 15 125 350	TYPE (Class Class Halli)	EMENT A w/1 sk. CaCl 2 A 3% CaCl 2 ourton Lite c Cement circulate
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Date March 24 19 75
APPALACHIAN EXPLORATION & DEVELOPMENT, INC.
APPROVED . Owner



STATE OF WEST VIRGINIA DEPARTMENT OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,	
Charleston, W. Va.	DATE August 8, 1974
Surface Owner Lee Roy Muck	Company Appalachian Exploration & Dev., Inc
Address Poca, West Virginia	P.O. Box 628, Charleston, W. Va. 2532
Mineral Owner C.E. Albertson etal	Farm C.E. Albertson etal 1000
Address 1040 Main St., Dunedin, Florida 33528	Location (waters) Bailey Branch/Poca River
Coal Owner_ Davison Fuel & Dock Company	Well No. 2
Address Sunset Avenue, North Bend, Ohio 45052	District Pocatalico County Putnam
Coal Operator not operated	Quadrangle Saint Albans
Address	
THIS PERCENT LINEST CE POSTEG AT THE WELL OIL	That
of the W. Va. Code, the location is hereby approved for Oxilliais. This permit shall expire if operations have not commenced by 10-13-74	Clendenin USa PH: 5-18-49
west of the distribution of the design of th	
Deputy Director = Oil & Gas Division	n de la composition de la composition La composition de la
GENTLEMEN:	and the second of the second o
The undersigned well operator is entitled to drill upon the a	
Albertson etal A.E.D., Inc.	ed October 20 19 73 by C.E. and recorded on the 4th day of January
1974, in Putnam County, Book 57	Page 451-458
X NEW WELLDRILL DEEPER	REDRILLFRACTURE OR STIMULATE
OIL AND GAS WELL ORIGINALLY DRILLED E	
The enclosed plat was prepared by a registered engineer or have been notified as of the above date.	licensed land surveyor and all coal owners and/or operators
The above named coal owners and/or operator are hereby not to make by Section 3 of the Code, must be received by, or filed	tified that any objection they wish to make, or are required 1 with the Department of Mines within ten (10) days. *
Copies of this notice and the enclosed plat were mailed by re- or coal owners at their above shown respective address——————————————————————————————————	day before or or the
XI (S)	PPALACHIAN EXPLORATION & DEVELOPMENT INC.
LEASE SUBMIT COPIES OF ALL EOPHYSICAL LOGS DIRECTLY TO:	Well Operator P.O Box 628
Address of virginia Geological and Economic Survey of	Street Charles ton
O. Box 879 Well Operato	
organtown, W. Va. 26505	City or Town
304-296-4461	W. Va. 25322
	State
	. 12

*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 the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved

and the well operator authorized to proceed.

BLANKET BUND

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

PROPOSED WORK ORDER TO	DRILL X	DEEPEN	FRACTURE-STIMULATE		
DRILLING CONTRACTOR: (I	Known)	RESPONSIBLE AGEN			
NAME Unknown		n. (00	Peters		
ADDRESS			ADDRESS Box 628, Charleston, W.Va. 25322		
TELEPHONE		TELEPHONE 344-	8355		
ESTIMATED DEPTH OF COMP	LETED WELL: 5500'	ROTARY X	_ CABLE TOOLS		
PROPOSED GEOLOGICAL FOR	MATION: Newburg	•			
TYPE OF WELL: OIL	GAS X	COMBSTORAC	GE DISPOSAL		
	RECYCL	ING WATER FI	LOODOTHER		
TENTATIVE CASING PROGRA	M:		gradina di Propinsi Memberakan di Propinsi Propinsi di Propinsi Propinsi di Propi Propinsi di Propinsi		
CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.		
20 - 16					
13 - кх3/8"	150 '	150	<u> </u>		
9 - 5/8	19001	1900'	to circulate		
8 - 5/8		F100°	350 - 1		
7	54001	5400 1	150 sks.		
5 ½ 4 ½					
3			Perf. Top		
2			Perf. Bottom		
Liners			Perf. Top		
			Perf. Bottom		
TO DRILL: SUBMIT FIVE (5) COPIE OF PLAT.	CS OF OG - 1, \$100.00 PER	MIT FEE, PERFORMANCE	BOND AND PERMANENT COPY		
TO DRILL DEEPER OR REDR	H.T.•				
SUBMIT FIVE (5) COPIE WELLS DRILLED PRIOR	S OF OG - 1, SHOWING ORI		AND PERFORMANCE BOND. ON DITHE ORIGINAL WELL RECORD		
MUST ALSO BE SUBMIT					
TO FRACTURE - STIMULATE					
BOND, PERMANENT PLA	AT AND ORIGINAL WELL R	RECORD.	5) COPIES OG - 1, PERFORMANCE 1929, FIVE COPIES OG - 1, SHOW-		
ING ORIGINAL PERMIT	NUMBER, AND PERFORMAN	CE BOND.			
Required forms must be four (24) hours in advance		n completion for bond relea	se. Inspector to be notified twenty-		
- a constant	 	•			
3					
The following waiver must hereof.	st be completed by the coal	operator if the permit is to	be issued within ten days of receipt		
WAIVER: I the undersigned, A	Agent for	Coal Company, Ow	rner or Operator of the coal under		
this lease have exam	nined and place on our mine	maps this proposed well lo	eation.		
We theproviding operator h			d well being drilled at this location, and 7, Chapter 22 of the West Virginia		
Code.					
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		· · · · · · · · · · · · · · · · · · ·	For Coal Company		
	l l	Constitution and Approximate A	Official Title		