

1450' 15-501

-

360)



### STATE OF WEST VIRGINIA DEPARTMENT OF MINES

FE8 1 8 1977

# Oil and Gas Division WELL RECORDS

Quadra	ngle_	Beckley
Permit	No.	RAL-358

@ 2887# psi.

Rotary_X	Oil
Cable	Gas X
Recycling	Comb
Water Flood	Storage
Disposal	[Vind]

			-	(Kind)
Company Appalachian Explor. & Devel., Inc. Address Box 628, Charleston, W.Va. 25322 Farm Beaver Coal Co., Ltd. Acres 17,638.38	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Well No. A-2  District  Town  Whitestick  Elev. 2362  County  Raleigh	Size 20-16 Cond.			
The surface of tract is owned in fee by Beaver	13-10"			
Coal Co., Ltd.	9 5/8			
Address Box 1537, Beckley, W. Va. 25801	8 5/8			
Mineral rights are owned by Same as above.	7 11	7521	752'	
Address 11 11 11	5 1/2			
Drilling Commenced August 12, 1976	4 1/2			
Drilling Completed August 17, 1976	3			
Initial open flow cu. ft bbls.	2-7/8"	15271	1527'	
Final production 696Mcu. ft per day 7- bbls.	Liners Used			
Well open 4 hrs. before test 180# RP.	-			
Well treatment details:	Attach copy of	cementing reco	ord.	
Fract 1390-1426 with 10,000# 80/100 and 35	5,000# 20/40	sand with	806 bb1s	. gelled wate

 Coal was encountered at 299'; 377'
 Ref. (12") - (40")
 bookesx

 Fresh water 40 Feet 550 Producing Sand Ravencliff
 Salt Water 550 Feet 1390-96'; 1402-05'; 1416-26'.

Formation Color Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
	0	150		
Sand and shale	150	265		
Sand and shale	265	299		
Coal	299	300		
Sand and shale	300	550		
Salt sand	550	786		
Shale	786	882		
Sand	882	956		
Shale Shale	956	1174		
Sand	1174	1216		
Shale	1216	1384		
Sand PAVENCLIEE	1384	1438		
Sand and shale	1438	1555	T.D.	
	1			
=				

(over)

20 BPM.

<sup>\*</sup> Indicates Electric Log tops in the remarks section.

Formation	Color Hard or Soft	Top Feet 8	Bottom Feet	Oil, Gas or Water * Remarks
		CEMENT RE	PORT	
	9.5	Casing	Cement	
		7"	116 sx.	circulated
		2-7/8"	70 sx.	top cement 1230'

Date February 16, 19 77
Appalachian Exploration & Development, Inc.
APPROVED Owner

By District Production Manager (Title)



#### STATE OF WEST VIRGINIA DEPARTMENT OF MINES



#### Oil and Gas Division

#### OIL AND GAS WELL PERMIT APPLICATION

	ARTMENT OF MINES, eston, W. Va.		Trans	17 1076	
			Appai	17, 1976 Lachian Explora	tion &
Surface Owner	Beaver Coal Company, Lt Attn: Mr. Tom Howard Box 1537, Beckley, W.Va.	Compa	ny Devel	lopment, Inc.	
Address	Box 1537, Beckley, W.Va.			28, Charleston,	W.Va. 25322
Mineral Owner_		Farm_	Beaver Co	oal Co.,Ltd.	Acres 17,638.3
Address	Same as above.	Locati	on (waters)_	Whitestick	
Coal Owner		Well N	lo. A-2		Elevation 2362
Address	Same as above.	Distric	Town		
Coal Operator	Piney Creek Coal Compan Attn: Mr. George Marsh P.O. Box 1325, B	y Quadra	ngleBe	eckley	
Address	Attn: Pro. George Narsh	eckley,			
	and Mr. James Baylor	W. Va. 23801	Tuic bro	A S of the Control of	
	P.O. Box 26765	,1165.	UDIO PEK	MIT MUST BE POS	TED AT THE WELL
	Richmond, Va. 23	261	But a complete		
-				sions being in accord	
	Paul Thomas		for	drilling . T	rk
SPECTOR TO BE N	OTIFIED Summersville,			house made	11 21 76
<b>8</b> 72 <b>-</b> 3070	ADDRESS	w.va.	Sylvania Sylvania	how not commenced	d by 11-21-70
			10	that I lass	
			Debuty	Director - Oil & Gas	Division
GENTLEMEN:					
The undersign	ed well operator is entitled to dri	ill upon the above na	med farm o	r tract of land for o	il and gas, having fe
The undersign	as the case may be) under grant	or lease dated Ap	med farm of	r tract of land for o	il and gas, having fo Beaver Coal
The undersign	as the case may be) under grant	or lease dated Ap	med farm of	r tract of land for o	il and gas, having fo Beaver Coal
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The undersign title thereto, (or Company, Ltd.	as the case may be) under grant  I made to United Fuel  /A County, Book	or lease dated Ap Gas Company an Page	med farm of	on the	il and gas, having for Beaver Coal day of
The undersign title thereto, (or Company, Ltc.  19 in No. No.	as the case may be) under grant  1	or lease dated Ap Gas Company an Page EPERR	med farm of ril 1 d recorded	r tract of land for o	il and gas, having for Beaver Coal day of
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\*SECTION 3 ... If no objections are filed or found by the Department of names, within said period of ten days from the receipt of, notice and plat by the department of moies, to said proposed location, the department shift forthwith usue to the well operator appearant 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 Thave read and understand the reclamation requirements as set forth in thapter 22, Article 4, Section 12-b and will carry out the specified requirements. RAL-358

PERMIT NUMBER

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

PROPOSED WORK ORDER TO X DRILL  DRILLING CONTRACTOR: (H Known)  NAME S & W Drilling Company, Inc.  ADDRESS Box 150, Lawrenceville, III. 62439  TELEPHONE  ESTIMATED DEPTH OF COMPLETED WELL:  Proposed Work Order To X DRILL  ADDRESS Box 150, Lawrenceville, III. 62439  TELEPHONE		RESTONSUBLE AGENT: NAME J.B. McPeters			
		ADDRESS Box 628, Charleston, W.Va. 25322 TELEPHONE 344-8355			
		ROTARY X CABLE TOOLS			
PROPOSED GEOLOGICAL PO	RMATION:Ravenciir		,		
TYPE OF WELL: OF		· ·	E DISPOSAL OOO OTHER		
TENTATIVE CASING PROGR		WATER FI	OOO OTPER		
CASING AND TUBING	USED FOR DRILLING	LIFT IN WELL	CEMENT FILL UP FOR SACKS - CUBIC FT.		
20 - 16	The summer stay of the black A. All the Stay bugs after A. Ballatin to the summer to the summer of t		. 1		
13 - 10 9 - 5/8					
*			9		
<u>ε - 5/8</u>	5501	550'	circulate		
5 1/2					
4 1/2	e and all the second support to the state of the second se	A A MARIE TO A MEN OF FREE PROPERTY OF PROPERTY OF THE PROPERT			
3 2-7/8"	1480 °	1480	Perf. Top Perf. Bottom		
Liners		1100	Perf. Top		
27	,	,	Perl', Bottom		
		1	A THE RESIDENCE OF THE PROPERTY OF THE PROPERT		
APPROXIMATE FRESH WAT APPROXIMATE COAL DEPT	4S 510 t	,,	890 FEET		
TO COAT BRING MINED IN	THE AREA?	BY WHOM?	<b>√.</b> • • •		
TO DRILL: SUBMIT FIVE (5) COPI OF PLAT.	ES OF OG = 1, \$100.00 PERMI	T FEE, PERFORMANCE	BOND AND PERMANENT COPY		
TO DRILL DEEPER OR RED	RILL:				
The state of the s	R TO 1929, A PERMANENT CO		ND PERFORMANCE BOND. ON THE ORIGINAL WELL RECORD		
TO FRACTURE - STIMULATI	C:				
	. ORIGINALLY DRILLED BEFOR AT AND ORIGINAL WELL REC		) COPIES OG = 1, PERFORMANCE		
	. ORIGINALLY DRILLED ON AN NUMBER, AND PERFORMANCE		929, FIVE COPIES OG -1, SHOW-		
Required forms must be four (24) hours in advance	•	ompletion for bond release	e. Inspector to be notified twenty-		
		an alamana and an ang an and an			
The state of the s	st be completed by the coal ope	rator if the permit is to be	e issued within ten days of receipt		
thereof.			18		
	Agent fornined and place on our mine in-		er or Operator of the coal under ation.		
	•		well being drilled at this location, 1.7, Chapter 22 of the West Virginia		
			H. H.		
			For Coal Congrany		