

AUG 2 9 1977



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

Quadrangle Glover Gap (7.5')

Rotary	NOW CON
Spudder	
Cable Tools	
Storage	

WELL RECORD & Permit No. WET-627 Oil or Gas Well Department of Energy, Morgantown Energy Research Center Casing and Tubing Company Used in Left in Well Drilling Packers Address P.O. Box 880, Morgantown, WV 26505 Size Farm Walter B. Smith Acres Location (waters) Headwaters of Pickenpaw Run Kind of Packer.... Well No. Smith-ERDA-PI-3 Elev. 1053.02 205.51 205.5' District Grant County Wetzel Size of The surface of tract is owned in fee by Walter B. Smith 81/4 Address Smithfield, WV 26437 x6€⁄ax. 7... 907.06' 907.06. Depth set..... Mineral rights are owned by Mr. & Mrs. Rex Smith Address Smithfield, WV 26437 9/8/77 Drilling commenced... 9/20/77 Drilling completed Liners Used. Perf. top Perf. bottom Open Flow /10ths Water in _____Inch Attach copy of cementing record. $\frac{10-3/4}{7!!}$ 205.5' - 905.56**No. Ft**. CASING CEMENTED..... SIZE Amount of cement used BULK 10-3/4-130 sacks; 7"- 250 sacks Rock Pressure lbs. hrs. Name of Service Co. Halliburton COAL WAS ENCOUNTERED AT 394 FEET INCHES WELL ACIDIZED (DETAILS)..... 472 FEET INCHES 528 FEET INCHES 792 FEET INCHES 902 FEET INCHES WELL FRACTURED (DETAILS).....

ROCK PRESSURE Fresh Water		Feet		Salt Water		Feet	
ትሃራዊ እንደፈተራ Pittsburgh coal seam				Depth 902 - 909			
Formation	Color	Hard or Soft	Тор	Bottom	Oil, Gas or Water	Depth	Remarks
nconsolidated ediments			0	10			
iltstone and			10	36			
andstone Calc.			36	43			
iltstone and hale			43	100			
andstone			100	112			
hale and iltstone			112	147			
andstone			147	155			
nale and andstone			155	185			
andstone			185	205			
ime Siltstone nd Shale			205	229			

Formation Color Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sandstone	229	250		
Shale	250	257		
Sandstone	257	262		
Lime Shale	262	292		
Siltstone and Shale	292	357		
Limestone	357	370		
Siltstone and Shale	370	394		
Washington Coal	394	398		
Siltstone and Shale	398	472		
Waynesburg"A" Coal	472	. 475		
Lime Siltstone	475	493		
Limestone	493	514		
Waynesburg Sandstone	514	525		
Shale	525	528		
Waynesburg Coal	528	531		
Shale and Limestone	531	655		
Siltstone and Shale	655	792		
Sewickley Coal	792	796		
Shale and Limestone	796	902		
Pittsburgh Coal	902	909		
Shale	909	924		

Date November 30 19 77
APPROVED U.S. Department of Energy . Owne
By <u>C. C. C</u>
(Title) G. E. Rennick, Petroleum Engineer





DEPARTMENT OF MINES

OIL & GAS DIVISION DEFT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,	T1 9/ 1077
Charleston, W. Va.	July 26, 1977 U.S. Energy Research &
Surface Owner Mr. Walter B. Smith	Company Development Administration
Address Smithfield, WV 26437	P.O. Box 880 Address Morgantown, WV 26505
Mineral Owner Mr. & Mrs. Rex Smith	Farm Walter B. Smith Acres 15
Address Smithfield, WV 26437	Location (waters) Pickenpaw Run
Coal Owner Consolidation Coal Company	Well No Smith-ERDA-PI-3 Floretion 1053
Address P.O. Box 1632, Fairmont, WV 26554	District Grant County Wetze
Coal Operator	Quadrangle Mannington
Address	quiutangie
THIS PERMIT MUST BE POSTED AT THE WELL SITE	
Il 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	
operations have not commenced by 12-4-77	
THE	ECTOR TO BE NOTIFIED Phil Tracy
Sandy Director - Oil & Gas Division	The second secon
GENTLEMEN:	758-4573 ADDRESS Middlebourn, W.
OHN I BENEAU.	
The undereigned well operator is entitled to drill upon the a cooperative agrittle thereto, (or as the case may be) under want of the case may be under which want of the case may b	above named farm or tract of land for ******* having eement 14 June 19 74 by Consolida
title thereto, (or as the case may be) under grank or least date at inental Oil Chade to The U.S. of America	above named farm or tract of land for ****** having eement 14 June 19 74 by Consolidated Coa and recorded on the Fourth day of March
title thereto, (or as the case may be) under want of data at tinental Oil Coade to The U.S. of America Miscella: 19 77 in Wetzel County, Book #45	above named farm or tract of land for ******* having eement 14 June 19 74 by Consolida Coa and recorded on the Fourth day of Marchaele Page 173
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*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.

WET-627

47-103

_PERMIT NUMBER

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

PROPOSED WORK ORD	ER TO DRILL	DEEPENFRACTURE-STIMULATE			
DRILLING CONTRACTOR: (If Known)		RESPONSIBLE AGENT:			
Paramount Exploration, Inc. P.O. Box 551, Waynesburg, PA		NAME L. D. Strickland P.O. Box 880			
ADURESS	. 153/11	ADDRESS Morgant	own, WV 26505		
TELEPHONE 412/62	27-6144	TELEPHONE	99-7494		
ESTIMATED DEPTH OF	COMPLETED WELL: 915 ft.	ROTARY X	CABLE TOOLS		
	FORMATION:Pittsburgh		- CABLE TOOLS		
	OIL GAS CO) E		
		•			
	REG I CEII	WATER F	LOODOTHER*		
TENTATIVE CASING PRO	OGRAM:	*Underground Research	Coal Gasification		
CASING AND TUBING	USED FOR	LEFT IN	CEMENT FILL UP		
SIZE	DRILLING	WELL.	OR SACKS - CUBIC FT.		
20 - 16					
13 - (0) 9 - 5/8	200 ft,	200 ft.	Surface to 200 ft.		
	· · · · · · · · · · · · · · · · · · ·		,		
8 - 5/8					
5 ½	900 ft.	900 ft.	Surface to 900 ft.		
4 ½					
3					
2			Perf. Top Perf. Bottom		
Liners			Perf. Top		
			Perf. Bottom		
TO DRILL:					
SUBMIT FIVE (5) COOF PLAT.	OPIES OF OG - 1, \$100.00 PERMIT	FEE, PERFORMANCE	BOND AND PERMANENT COPY		
TO DRILL DEEPER OR R	EDRILL:	• **			
SUBMIT FIVE (5) CO WELLS DRILLED PR MUST ALSO BE SUB	OPIES OF OG - 1, SHOWING ORIGIN LIOR TO 1929, A PERMANENT CO MITTED.	VAL PERMIT NUMBER A PY OF THE PLAT AND	ND PERFORMANCE BOND. ON THE ORIGINAL WELL RECORD		
TO FRACTURE - STIMULA OIL AND/OR GAS WI BOND, PERMANENT	ELL ORIGINALLY DRILLED BEFOR PLAT AND ORIGINAL WELL RECO	E JUNE 5, 1929, FIVE (5)	COPIES OG - 1, PERFORMANCE		
ma omamal ferig	ELL ORIGINALLY DRILLED ON ANI IIT NUMBER,AND PERFORMANCE I	BOND.			
Required forms must l four (24) hours in adv	be filed within ninety (90) days of co rance.	mpletion for bond release	Inspector to be notified twenty-		
•					
	•				
The following waiver thereof.	must be completed by the coal opera	ator if the permit is to be	issued within ten days of receipt		
VAIVER: I the undersioned	d, Agent for Consolidation				
this lease have e	xamined and place on our mine map	s this proposed well loca	tion.		
We the <u>Cons</u> providing operato	colidation Coal Company har has complied with all rules and regula	we no objections to said vations in Articles 4, 5, and	vell being drilled at this location, 7, Chapter 22 of the West Virginia		
Code.					
		Nay M K	Jendram Gor Coal Company		
	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	or Coal Company		