



STATE OF WEST VIRGINIA DEPARTMENT OF MINES

Oil and Gas Division WELL RECORD



oil & gas division DEST. OF WINES

Rotary_X___Oil__

Quadrangle				Recycling_	
Permit No. DODD-2284					dStorage
47-017			Disposal	(Kind)	
Company Key Oil Company		Casing and	Visad in	T -64	C 4 C:11
Address West Union, WV	Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)	
Farm J. N. Markey A	1 401116	Diming	III WCII	Cu. 11. (3KS.)	
Location (waters) Doe Run		Size			
Well No. 2 El	20-16				
District West Union County Doc	Cond.		<u> </u>		
The surface of tract is owned in fee by Kenneth Powell	9 5/8				
Kenneth Powell Address West Union, WV 26456	8 5/8	665	 		
Mineral rights are owned by J. N. Market	7	000			
Address Lexington, Ky		5 1/2		†	
Drilling Commenced 8-21-78		4 1/2	5393		
Drilling Completed 8-28-78		3			
Initial open flow NA cu. ft.		张 1 号	5270		
Final production 600, 900r. ft. per day _	bbls.	Liners Used			
Well open3 hrs. before test_	1780 RP.				
Well treatment details:		Attach copy of	cementing reco	ord.	
695 bbl 200 sks 80/100 400	sks 20/40	1st stage 5	5300-5337		
565 bbl 100 sks 80/100 350					
			~ *************************************		
Coal was encountered at	Fee	t	Inche	S	
Fresh water 648 Fe	et	Salt \	Water		Feet
Producing Sand Alexander & Warre	11	Depth	?		
Formation Color Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or	Water	* Remarks
		And and a set of the s	Pr	oduch	on history 1341 mcf, 14bbs
Clay, Sand, Shale & Red Rock	0	2030		011 0	all mach Whis
	E opening above	The state of the s	14	144-0	(341 mor) 17003
Big Lime	2030	2116			
Big Injun	2116	2172			
Sand Shale	2172	3390	Printer and Printe		
Warren	3.390	3560	enter a semanajoran de la companya d	- 63	
Sand Shale	3560	5270		5312	
Alexander	5270	5350		338	
Shale	5350	5553			
				8	40
		OFFICE OF STATE OF ST	,		,****

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Oil and Gas Division

OLEGAS DIVISION DEFT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,	
Charleston, W. Va.	DATE August 21, 1978
Surface Owner	Company Xev 0111Company
Address	AddressAddress
Mineral Owner	auth what a second seco
Address	Location (waters)
Coal Owner	
Address	Men 140. Elevation
	DistrictCounty
Address	
AATOL STE	
All provinces being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved	
- Orilling	INSPECTOR
* FIRST STORE IT	TO BE NOTIFIED Carrots
operations have not commanded by 12-21-78	ADDRESS CLARAGE WY
Deputy Director - Oil & Gas Division	PHONE 522-3071
GENTLEMEN:	
•	
	apon the above named farm or tract of land for oil and gas, having fee
title thereto, (or as the case may be) under grant or	lease dated 19 by
made to	and recorded on the day of
19, in County, Book	Page
NEW WELLDRILL DEEP	ERREDRILLFRACTURE OR STIMULATE
OIL AND GAS WELL ORIGINALLY D	
have been notified as of the above date.	gineer or licensed land surveyor and all coal owners and/or operators
The above named coal owners and/or operator are to make by Section 3 of the Code, must be received	hereby notified that any objection they wish to make, or are required by, or filed with the Department of Mines within ten (10) days. *
Copies of this notice and the enclosed plat were m	ailed by registered mail, or delivered to the above named coal operators
or coal owners at their above shown respective addre	day before or on the
same day with the mailing or delivery of this copy to	the Department of Mines at Charleston, West Virginia.
DI DAGE CONTEG ON ATT	Very truly yours,
PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:	(Sign Name) Joe Da Aughlin
CHOILLE LOUD DIMENTHI IV.	Well Operator
WEST VIRGINIA GEOLOGICAL AND	/P. O. Box 239
ECONOMIC SURVEY	Address Street
P. O. BOX 879	of ell Operator
MORGANTOWN, WEST VIRGINIA 26505 " AC-304 - 292-6331	City or Town
	Vest Virginia
	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 se coal operators or found thereto by the department and that the same is approved
and the well operator authorized to proceed.	
CASH D	
Substituted DY (REASURER DOD-2284 PERMIT NUMBER
"I have read and understand the reclamation requirements Chapter 22, Article 4, Section 12-b and will carry out the most in	as set forth in 47-017

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

PROPOSED WORK ORDER TO DRILL DRILLING CONTRACTOR: (If Known) NAME			RESPONSIBLE AGENT:								
							TELEPHONE462	27353		TELEPHONE	462-5587
							ESTIMATED DEPTH OF	COMPLETED WELL	:\$\$@@\$	ROTARY	CABLE TOOLS
							PROPOSED GEOLOGICAL	L FORMATION:			
TYPE OF WELL:	OIL G.	ASCOM	MB STO	RAGE DISPOSAL							
				R FLOODOTHER							
TENTATIVE CASING PR	OGRAM:			The state of the s							
CASING AND TUBING SIZE	1	D FOR LLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.							
20 - 16											
13 - 10											
9 - 5/8		and Alice									
8 - 5/8		10	· · · · · · · · · · · · · · · · · · ·	coment to surface							
5 ½											
4 ½	***	N. 20. 2									
3				Port Ton							
2		1		Perf Rottom							
Liners				Perf. Top							
				Perf. Bottom							
	{										
OF PLAT. TO DRILL DEEPER OR F SUBMIT FIVE (5) CO	REDRILL: OPIES OF OG - 1, S	HOWING ORIGINA	AL PERMIT NUMBE	CE BOND AND PERMANENT COPY CR AND PERFORMANCE BOND. ON AND THE ORIGINAL WELL RECORD							
MUST ALSO BE SUI	BMITTED.		OF THE LUMI A	AND THE ORIGINAL WELL RECORD							
TO FRACTURE - STIMUL											
OIL AND/OR GAS W	ELL ORIGINALLY I	DRILLED BEFORE	JUNE 5, 1929, FIV	E (5) COPIES OG - 1, PERFORMANCE							
BOND, PERMANENT OIL AND/OR GAS W				5, 1929, FIVE COPIES OG - 1, SHOW-							
ING ORIGINAL PERM	MIT NUMBER, AND F	ERFORMANCE B	OND.	,,, 11v1 00/110 00 1, 5110 W							
Required forms must four (24) hours in ad	be filed within ninet vance.	y (90) days of con	apletion for bond re	lease. Inspector to be notified twenty-							
	est.										
The following waiver thereof.	must be completed	by the coal operat	or if the permit is t	o be issued within ten days of receipt							
WAIVER: I the undersions	ed. Agent for		Coal Company	Owner or Operator of the coal under							
	examined and place										
				aid well being drilled at this location, and 7, Chapter 22 of the West Virginia							
				* (A) () () () () () () () () ()							
				For Coal Company							

Official Title