



DEPARTMENT OF MINES OIL AND GAS DIVISION

WELL RECORD

Permit No		Oil or Gas Well (KIND)				
Company Hope Natural Gas Company. Address 445 West Main St. Clarksburg, W. Va.	Casing and Tubing	Used in Drilling	Left in Well	Packers		
Farm Blackshere Wells & Co. Acres 3550 Location (waters) Well No. 4609 Elev. 1142	Size 16			Kind of Packer		
District Grant County Wetzel The surface of tract is owned in fee by Address	13	626	Pulled	Size of		
Mineral rights are owned byAddress	6% 5 3/16	21.98 2690	21.98 2690	Depth set		
Drilling commenced August 14, 1916 Drilling completed October 31, 1916	3	31.94	3194	Perf. top Perf. bottom Perf. top		
Oate ShotTo	Liners Used		No. 7 A N 1978	Perf. bottom		
/10ths Merc. inInch VolumeCu. Ft.	CASING CEME	NTED	NOT SIZE	No. FtDate		
Rock Pressure lbs. hrs. Dil bbls., 1st 24 hrs. Fresh water none recorded feet feet	COAL WAS ENCOUNTERED AT 898 FEET 72 INCH					
Fresh water 1016 Feet feet feet feet feet	FEET			FEETINCHES		

Volume		31					
Rock Pressure			hrs. bbls., 1st 24 hrs.	COAT. WAS	ENCOUNTERED	a <u>t 898</u> fee	T_72INCHES
Fresh water	one recorde	dfeet	feet		ETINCH	ESFEE	TINCHES
Salt water2	310	feet	feet	FE	ETINCH	ESFEE	TINCHES
Formation	Color	Hard or Soft	Тор	Bottom	Oil, Gas or Water	Depth Found	Remarks
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	Dunkard		1390	1470	and the second s		·
	Salt Pard		1810	1935			
	Big Lime		2168	2220	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1		
	Big Injun		2220	2350	oil gas wate	r 2310	
	Fifty foot Tairty foo	t	27 47 29 k 5	2765 29 3 0			
	Gordon str Gordon	av	29 48 3018	2973 303 4	gas	3022	
	Total dept	h	<i>%</i>	31.64			
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APPROVED Hope Natural Gas Company.

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