



Well No. 17 (WOOD) B. Helle & Co. Farm 2800 Acres
 Lease No. 10057 Grant Township Hertzog County N. Va. State
 Dr. Penn Carpenter Contractor Dr. Penn Dr. Jolly Contractor
 Drilling Commenced 7-29-1929 Drilling Completed 10-24-1929
 N. 2 S. E. 2

Rock Formation	Top	Bottom	Steel Line Measurement	Remarks
Commenced to drill	2345		2345	
Slate & Shells	2397	2410		
Lime	2410	2540		
Slate & Shells	2540	2751		
Fifty Foot Sand	2751	2764	2751	
Slate & Shells	2764	2945		
Stray Sand	2945	2975	2945	
Slate	2975	3019		
Gordon Sand	3019	3038	3019	
Bag	3020	3025	3026	8 1/10 Water 1" open
Slate	3040	3045		
Fourth Sand	3045	3066	3045	
Fifth Sand	3274	3280	3274	
Bag	3275		3275	2 8/10 Water 2" open
Total depth		3291	3291	

Special Volume & Pressure Report :-
 Date Opening 1 2 3 4 5 16 15 1 Hr. 24 Hr.
 7-15-29 2" 11 17 22 27 32 50 61 80 93"

CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT

Size	Put in Well		Pulled Out		Left in Well		Shot Date 10-25-29 Amount 10 cts. Sand Fifth Result None Packer Size 2 x 5 1/4 x 16" Depth Set 2756'
	Feet	In.	Feet	In.	Feet	In.	
5 3/16"	2798				2798		Well begins 100' from bottom when shot.
4 1/2 x 4"	528				528		
2" Jlg.	3311				3311		

Production First 24 Hours Bbls. Gas Test 5 1/10 Water 1" open
 Approved by A. S. Haight Superintendent

103-0932