

NOV 1 1954

UNITED FUEL GAS CO. MINERAL TRACT No. 10, Ser. No. 8135.



By United Fuel Gas Co., Charleston, W. Va.  
 Harvey District, Mingo County, W. Va.  
 Located 1.15 Mi. S. of 37° 55' Lat. and 1.02 Mi. W. of 82° 10' Long.  
 Holden Qua drangle - WC.  
 Permit Minge-378.  
 Elevation 1186.46' L.  
 Drilling commenced 10-12-53; completed 1-17-54.  
 Shot 1-20-54 from 2600 to 3605' with 6,666-2/3# DuPont Gelatin.  
 Acidized 12-9-53 with 1500 gal. at 1701'.  
 Gas 1689' not enough to gauge; 1701', 15/10 W 2" - 163M; show gas 1689'  
 not enough to gauge; 1701', 15/10 W. 2" - 163M; show gas 2668'  
 Gas well; Volume 327M; Big Lime 169M; Brown shale 158M  
 Rock pressure in casing 410# in 48 hr.: in tubing 435# in 48 hours.  
 Fresh water 100'; 985', 1 BPH.  
 Casing 10" 26'; 8-1/4" 586'; 7", 1631'; 5" tubing 1877'.  
 Coal encountered at 30', 24"; 206', 24"; 290', 24"; 418', 36"; 462', 24".  
 Section based on samples from 1631 to 1725; examined by Russell R. Flowers.

Top	Bottom	Thickness	
<b>GREENBRIER LIMESTONE, 83, plus, FEET</b>			
1631	1651	20	Limestone-oolite, yellowish gray to light olive gray, fine to medium grained, some coarse oolites
1651	1671	20	Limestone-oolite, grayish orange to pale yellowish brown, very fine to medium grained, oolites tightly packed
1671	1691	20	Limestone-oolite, yellowish gray to light olive gray, fine to medium grained, some of the chips out visible pore spaces; some medium gray to brownish black, compact, limestone-oolite; trace of chert
1691	1701	10	Limestone-oolite, yellowish gray to very pale orange, fine to medium grained, oolites tightly cemented
1701	1714	13	Limestone, light olive gray, highly oolitic in part, very silty (coarse) in part
<b>MACGRADY FORMATION 11, plus, FEET.</b>			
1714	1725	11	Siltstone to shale, grayish red to very dusky red to brownish gray, some olive gray to greenish gray

Most of these samples were taken at 10' intervals and would not be from every screw