

MYRON B. HYMES SER. NO. X-56-7211

By United Fuel Gas Co., Charleston, W. Va.  
 Banks District, Upshur County, W. Va.  
 Located 1.98 mi. S. of 38° 45' Lat. and 1.63 mi. W. of 80° 15' Long.  
 Hacker Valley Quadrangle - NE.  
 Permit Ups-406.  
 Elevation 2360.19' G.  
 Commenced drilling 7-24-52; completed 8-15-52.  
 Dry hole.  
 Fresh water 150'; 279', hole full.  
 Show gas 1028-1032'; gas 1411', no test; gas 1690', would not test ½".  
 Coal encountered at 544'--22".  
 Section based on samples from 1455 to 1735; examined by Russell R. Flowers.

Top	Bottom	Thickness	
GREENBRIER LIMESTONE, 204, plus, FEET			
1455	1466	11	Limestone, (light olive gray) to an argillaceous limestone (olive gray to medium dark gray), contains many foraminifera; trace of chert
1466	—		No sample
—	1500		Limestone-oolite, olive gray to dark gray, argillaceous, somewhat sandy (very fine to fine grained), a very small amount of dark greenish gray shale
1500	1513	13	No sample
1513	1520	7	Limestone, light olive gray to olive gray, highly dolomitic in part
1520	1532	12	No sample
1532	1538	6	Limestone, light olive gray to dark yellowish brown
1538	1549	11	Limestone-oolite, light olive gray to dark yellowish brown, very sandy (very fine grained) in the upper part, the oolites are very fine grained in the upper part and fine grained in the lower part
1549	1575	26	No sample
1575	1585	10	Limestone-oolite to an oolitic sandstone, light olive gray to dark yellowish brown, both the quartz sand and the oolites are very fine to fine grained
1585	1606	21	Limestone, pale yellowish brown to light olive gray; some greenish gray to medium dark gray, dolomitic limestone to siltstone
1606	1616	10	Limestone, light olive gray, very small amount of pale brown to brownish gray; small amount of medium dark gray to dark greenish gray, silty and argillaceous limestone
1616	1640	24	Limestone, light olive gray, very highly dolomitic
1640	1659	19	Limestone, yellowish gray to pale yellowish brown, highly dolomitic, somewhat sandy (very fine grained) and somewhat silty (coarse)

CATSKILL (HAMPSHIRE) FORMATION, 76, plus, FEET

1659	1675	16	Shale (sandy) to sandstone (very fine to fine grained, argillaceous), pale brown to grayish brown, some very dusky red, small amount of greenish gray; some medium gray sandstone-conglomerate at the top
1675	1704	29	Sandstone (conglomeratic) to conglomerate (at 1683-90), very light gray, greenish gray to pale brown in the lower part, some very dusky red to grayish brown at the bottom, very fine to fine grained matrix with medium grains to granules, and some pebbles, mostly coarse grained to granules at 1683-90, large grains to pebbles (rounded)
1704	1716	12	Shale to siltstone and fine sandstone, very dusky red to brownish gray, some dark gray to dark greenish gray
1716	1726	10	Shale, dark gray; siltstone to sandstone (very fine grained). dark gray to dark greenish gray and olive gray to very dusky red, highly argillaceous
1726	1735	9	Sandstone, light gray to greenish gray, very fine to fine grained with dark gray sandy shale streak; small amount of dark greenish gray shale