

Margaret J. McMillan No. 2862 Well

Grant District, Doddridge County, W. Va.

By Hope Natural Gas Company, Clarksburg, W. Va.

Located 1.97 mi. W. of 80°40' and 4.07 mi. S. of <sup>39°25'</sup> -WC- Centerpoint Quadrangle.

Elevation, 1018'. (1060)

Permit, Dod-108.

Drilling deeper commenced March 30, 1940; completed June 4, 1940.

Gas well; volume 113,636 cu. ft.; rock pressure 28 lbs. in 24 hrs.

No water recorded.

6-5/8" casing, 1938'; 3" tubing, 3092'. ~~2196-2551~~ ~~2196-2551~~

Coal was encountered at 135 to 138' and 640 to 645'.

Samples from 2196 to 3055' examined by C. Apsouri. The interval covered by the samples covers part of the Lower Mississippian and Upper Devonian.

Top	Bottom	Thickness	
2196	2204	8	Shale and siltstone, gray
2204	2209	5	Siltstone, gray to light-gray
2209	2243	39	Shale, gray
2243	2294	46	Shale and siltstone, gray
2294	2322	28	Sandstone, white, very fine
2322	2336	14	Siltstone, white to gray
2336	2352	16	Sandstone, white, very fine (almost a siltstone)
2352	2359	7	No sample
2359	2389	30	Siltstone, gray to light-gray, partly sandy
2389	2400	11	Siltstone, gray and reddish-brown, sandy
2400	2409	9	Shale, gray, silty, 50%; light-gray, sandy siltstone, 50%
2409	2415	6	Siltstone, white, sandy
2415	2474	59	Shale, gray
2474	2480	6	Siltstone, gray to dark-gray
2480	2490	10	Shale, gray, 50%; light-green sandy siltstone, 50%
2490	2505	15	Shale, gray
2505	2519	14	Siltstone, brown, sandy
2519	2551	32	Shale, gray, silty
2551	2556	5	Shale, gray, 50%; very light green siltstone, 50%
2556	2603	48	Shale, gray to greenish
2603	2608	5	Siltstone, green, shaly, 50%; reddish-brown siltstone, 50%

Top	Bottom	Thickness	
2608	2618	10	Shale, green, 70%; brown shale, 30%
2618	2688	70	Shale, gray
2688	2703	15	Sandstone, green, very fine, silty, 80%; gray shale, 20%
2703	2709	6	Shale, gray, 80%; white very fine sandstone, 20%
2709	2728	19	Sandstone, white, fine with a few very coarse grains, 75%; gray shale, 15%
2728	2894	166	Shale, gray
2894	2955	61	Shale, gray, 40 to 50%; green siltstone, 60 to 50%
2955	2963	8	Siltstone, green
2963	3006	43	Shale, gray; a little green siltstone
3006	3055	49	Shale and siltstone, gray to greenish
	3059		Total depth