

Plotted on map July 1939

L. L. Smith No. 915 Well

Union District, Harrison County, W. Va.

By Reserve Gas Co., 445 W. Main St., Clarksburg, W. Va.

Located 2 mi. W. of West Milford, and 1.14 mi. N. of Goodhope, on south side of western branch of Buffalo Creek.

2.04 mi. N. of 39°10' and 3.26 mi. E. of 80°30' N. W. - Weston Quadrangle

Elevation 1057 feet. Starts about 125 feet below Pittsburgh coal (by structure contour).

Har. B on map

Completed 1927 *(A)*

Gas pockets blew out at once. Well being produced from shallow sands.

Devonian Shales and Sandstones 3920+ feet

(only partly shown by samples, total thickness 5075 feet)

Thickness		
2893 - 2898	5	Shale, brown and gray, sandy
2898 - 2961	63	Shale, greenish-gray, sandy, with a few small fragments of fossil shells
2961 - 2983	22	Sandstone, grayish-green very fine, shaly
2983 - 2990	7	Shale, gray, sandy
2990 - 3002	12	Sandstone, dark-gray, very fine
3002 - 3015	13	Shale, greenish-gray, sandy
3015 - 3025	10	Sandstone, dark-gray, very fine, calcareous
3025 - 3087	62	Shale, greenish-gray, very sandy, with scarce fragments of fossil shells
3087 - 3101	14	Shale, greenish-gray, sandy, with some dark-brown shaly sandstone
3101 - 3120	19	Sandstone, very dark brown, shaly
3120 - 3235	115	Shale, gray, sandy
3235 - <del>3235</del>	9	Sandstone, gray, very fine
3244 - 3476	232	Shale, gray, sandy, with some very fine greenish-gray sandstone

Thickness

3476 - 3490	14	Shale, very dark gray
3490 - 3587	97	Shale, gray, sandy, with some very fine greenish-gray shaly sandstone
3587 - 3610	23	Shale, dark-brown, very sandy
3610 - 4162	552	Shale, gray, partly sandy; some very dark fragments in nearly every sample, but the most of it is medium-gray
4162 - 4187	25	Sandstone, dark-gray and brown, very fine with gray sandy shale ( <i>Ransom Sand?</i> )
4187 - 5335	1148	Shale, gray, part of it sandy, not calcareous; the upper part of this shale interval is somewhat more sandy than the lower part but there are no well defined differences throughout this great thickness
5335 - 5483	148	Shale, very dark gray to black
5483 - 5584	101	Shale, dark-gray
5584 - 5597	13	Shale, black with some dark gray
5597 - 6327	730	Shale, dark gray with some black
6327 - 6407	80	Shale, black to dark gray
6407 - 6555	148	Shale, black, slightly calcareous
6555 - 6565	10	Limestone, dark-gray, with black shale
6565 - 6585	20	Samples missing
6585 - 6616	31	Shale, black, with dark-gray limestone
6616 - 6777	151	Shale, black, slightly to moderately calcareous
6777 - <del>6813</del>	37	Shale, black, calcareous, with considerable pyrite
<u>Huntersville chert (Corniferous) 11+ feet</u>		
6813 - 6824	11	Limestone, gray, cherty with large amount of black shale cavings