

Norman Good No. 1 (7686)

Otter District, Clay County, W. Va.

By Pittsburgh and W. Va. Gas Company, Pittsburgh, Pa.

Located 0.9 mi. W. of 80°55' and 1.1 mi. S. of 38°35' -SW Gassaway Quadrangle

Elevation, 775 feet, level

Permit, Clay-152

Commenced, July 28, 1939; completed August 18, 1939

Gas well in Webster Springs Sand; 525,000 cu. ft. per day; rock pressure 570 lbs. in 70 hours

Fresh water at 725 and 1275

Casing 8 1/2", 400'; 6 5/8", 1411'

Top	Bottom	Thickness	
			39+
			<u>Pottsville Formation, 130+ feet</u>
1113	1152	39	Sandstone, light-gray, medium- to coarse-grained, nearly all quartz
1152	1165	13	Shale, gray; with some siltstone <u>Mauch Chunk Group, 290+ feet</u>
1165	1175	10	Shale, 80% gray and 20% red; also a little calcareous siltstone
1175	1190	15	No sample
1190	1195	5	Shale, gray with a little red, non-calcareous
1195	1200	5	Sandstone, white, fine
1200	1262	62	No samples
1262	1307	45	Sandstone, white, fine, non-calcareous; consists mostly of quartz (3 barrels water per hour at 1275; show of oil at 1290)
1307	1310	3	No sample
			<u>Mauch Chunk Group, 133+ feet</u>
1310	1320	10	Shale, grayish-red, with some gray and green, slightly calcareous
1320	1343	23	Shale, gray with a little red; moderately calcareous; some of carbonate is dolomite
1343	1378	35	Limestone, dark-gray ("Little Line")
1378	1411	33	Sandstone, gray to slightly greenish, broken into chips up to about 1/4 inch; grades into calcareous siltstone in top 10 feet

Top Bottom Thickness

1411	1442	31	Sandstone, white, fine; mostly broken into individual grains; slightly calcareous in bottom 4 feet; sample missing, 1435 to 1439'
	1442		Total depth