

Farm W.M. Messenger No. 1
 Company Quaker State Oil Refining Corp.,
 Parkersburg, West Virginia
 Permit Gilmer 1587
 District Glenville, Gilmer Co., West Virginia
 Quadrangle Burnsville NW
 Location 2.3 mi W of 80° 40'; 3.5 mi S of 39° 00'
 Little Ellis Creek
 Elevation 847 feet
 Commence Drilling 3/20/64, Complete Drilling 4/21/64
 Well type Oil & Gas, Volume: 1000 MCFGPD (Injun);
 600 MCFGPD + 30 BOPD (Weir and Squaw)
 Well not completely examined.
 Examined descriptively by Tom W. Carpenter
 All percentages are visual estimates; all depths are feet.

Top Bottom Thickness

MAUCH CHUNK GROUP, 62+ feet

1777	1787	10	Shale, 57%, gray; Siltstone, 40%, gray; Limestone, 3%, gray, silty
1787	1795	8	Limestone, 80%, medium gray, very silty and argillaceous; Siltstone, 15%, dark gray; Shale, 5%, gray, calcareous
1795	1804	9	Sandstone, 60%, light to medium gray, VF, very calcareous, some fossil fragments; Siltstone, 25%, gray; Limestone, 15%, as above
1804	1812	8	Sandstone, 80%, gray, VF, some chips are very calcareous, some are silty and argillaceous; Siltstone, 10%, medium gray; Shale, 5%, medium gray; Limestone, medium gray, some VF quartz
1812	1817	5	Sandstone, 50%, as above; Shale, 25%, as above; Siltstone, 25%, as above
1817	1827	10	Sandstone, 50%, white, VF, calcareous, orthoquartzite; Shale, 25%, gray; Siltstone, 25%, gray
1827	1833	6	Sandstone, 75%, as above, with some gray interlaminated sandstone and shale; Shale, 13%, as above; Siltstone, 12%, as above

Top Bottom Thickness

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1833	1841	8	Sandstone, 50%, white, VF, orthoquartzite, Shale, 25%, dark gray, fossil fragment (?); Limestone, 25%, gray to tan, well developed ooids, oosparite
1841			No samples