

Way-146-D

H. S. Jackson No. 1 Well

Butler District, Wayne County, W. Va.  
By <sup>Chartiers</sup> ~~Chartiers~~ Oil Company, Pittsburgh, Pa.

Located 2.95 mi. W. of 82°25' and 3.45 mi. S. of 38°15' -SW- Wayne Quadrangle. On east side of Workman Branch of Right Fork of Twelvepole Creek, N. 32°E. 620 feet from mouth of branch.

Elevation, 620 feet L.

Completed to 1887 feet November 26, 1934; completed deepening November 21, 1938.

Poison gas reported at 3165 to 3170'; gas at 3652'.

Plugged back to 3690' November 22, 1938; acidized, December 4, 1938.

Gas well; volume 75,000 cu. ft.; rock pressure 740 lbs. in 9 hours.

Top Bottom Thickness

Clinton Formation, 312+ feet

Top	Bottom	Thickness	Description
3745	3865	120	Shale, grayish-red, non-calcareous; contains only a small proportion of silty fragments
3865	3898	33	Shale, green; a little glauconitic siltstone in sample from 3862 to 3898 feet
3898	3907	9	Shale, grayish-red and green; with some greenish pyritic siltstone
3907	3914	7	Shale, grayish-red and green; with some very fine, glauconitic and calcareous sandstone
3914	3922	8	Shale, grayish-red and green; with considerable amount of green, partly glauconitic siltstone, a little red hematite (fossil ore) and a little white crystalline dolomite
3922	3990	68	Shale, grayish-red, mostly very fine textured
3990	4008	18	Siltstone, gray, dolomitic; with considerable gray and red shale
4008	4018	10	Shale, grayish-green
4018	4024	6	Dolomite, gray, granular; with larger amount of green shale and gray to greenish siltstone
4024	4035	11	Shale, green; with small amount of white crystalline limestone and red oolitic hematite
4035	4045	10	Hematite, oolitic and calcareous; with much red and some green shale

Top	Bottom	Thickness	
4045	4057	12	Shale, green
<u>Albion Sandstone, etc., 110+ feet</u>			
4057	4076	19	Sandstone, gray, fine, very hard, mostly quartz; some fragments contain much pyrite; samples also contain varying amounts of gray silty shale which is apparently interbedded with the sandstone; there are a few calcareous fossil shell fragments which are probably from some limestone above
4076	4081	5	No sample
4081	4141	60	Shale, gray to slightly greenish; with considerable amount of gray calcareous siltstone, and a little granular dolomitic limestone
4041	4167	26	Shale, gray; with considerable amounts of light-gray, somewhat dolomitic limestone and greenish calcareous siltstone; there are a few fossil fragments, probably from the limestone
	4167		Total depth