

319-A

Union District, Harrison County, W. Va.

By Philadelphia Oil Co., Clarksburg, W. Va.

On 300 acres, Map Ref., Weston N/W 2-4; surface owned by J. D. Helmick, Mt. Clare, W. Va., and minerals by A. L. Lowther, 1805 Seventh St., Parkersburg, W. Va.

Well was completed March 31, 1916.

Elevation, 1053' L.

13" casing, 70'; 10", 196'; 8 $\frac{1}{4}$ ", 1020'; 6 $\frac{5}{8}$ ", 1481'.Bottom hole packer, 10 x 8 $\frac{1}{4}$ ", set at 1020'.Bottom hole packer, 8 $\frac{1}{4}$ x 6 $\frac{5}{8}$ ", set at 1481'.

No coal was encountered.

Abandonment reported to Dept. of Mines April 24 and 17, 1936.

Located 11-27-1915; began drg. 1-25-1916; comp. drg. 3-31-1916.

Purchased from Hope Cons. & Ref. Co.

Salt water at 890'.

Oil well. 6 $\frac{5}{8}$ " hole.

Record to RCT from D. G. Courtney (Dept. of Mines) 5-5-37.

	Top.	Bottom.	Thickness.
Unrecorded	0	- 355	355
Little Dunkard Sand	355	- 370	15
Unrecorded	370	- 430	60
Big Dunkard Sand	430	- 474	44
Unrecorded	474	- 548	74
Gas Sand	548	- 628	80
Unrecorded	628	- 740	112
1st Salt Sand	740	- 812	72
Unrecorded	812	- 844	32
2nd Salt Sand (water at 890')	844	- 900	56
Unrecorded	900	- 1276	376
Maxton Sand (gas, 1288; water, 1328')	1276	- 1369	93
Unrecorded	1369	- 1462	93
Big Injun Sand	1462	- 1559	97
Unrecorded	1559	- 1599	40
Squaw Sand	1599	- 1634	35
Unrecorded	1634	- 1734	100
Berea Grit?	1734	- 1766	32
Unrecorded	1766	- 1791	25
Gantz? Sand	1791	- 1801	10
Unrecorded	1801	- 1886	85
50-Ft. Sand	1886	- 1911	25
Unrecorded	1911	- 1916	5
30-Ft. Sand	1916	- 1956	40
Unrecorded	1956	- 2177	221
Gordon Stray Sand	2177	- 2197	20
Unrecorded	2197	- 2202	5
Gordon Sand (oil, 2208'; water, 2208'; gas, 2208')	2202	-	27
Total depth			2229

