

JOSEPH SMITH NO. 1 WELL.

70423
70234

West Union District, Doddridge County, W. Va.

By.....

A. & M. Drilling Co., Contractor.

Drilling commenced April 10, 1918; completed June 2, 1918.

Elevation.....

10" casing, 390' (pulled); 8 1/2", 1053' (pulled); 6 3/4", 1305' (pulled);
5 1/2", 1985'; 2" tubing, 2171'.

Light gas well.

Open flow test, 30/10 water through 2", equivalent to 260,000 cu. ft.
in 24 hrs.

6-17-18, Rock pressure 390 lbs.

6-18-18, Tubed with 10 1/4 jts. 2" tubing, 2171'.

2" x 5 1/2" Spang anchor packer. Bottom of packer set at 2094'.

Top of perforation, 2132'. Bottom of perforation, 2151'.

7-19-18. Turned into line of Hope Natural Gas Co. 2; 30 p. m.

Farmer takes 1/8 royalty.

Shot May 10, 1920, with 16 qts., 2130-2140'; increased gas flow;
42/10 w/ in 2" opening 43 hrs. after shot.

Tubed May 19, 1920; top packer, 2121'; top perforation, 2133'.

Tubed July 13, 1923, with 3" tubing; packer set at 153' 4" off bottom;
5 1/2" x 3" H. V. Tubing 4' off bottom. Perforation, 33' off bottom.

Record in Eastern Petroleum Co. Well Record book of Clifton Oil & Gas Co.

| | Top. | Bottom. |
|----------------------------------|------|---------|
| Native coal | 440 | 442 |
| Big Bunkard Sand | 1215 | 1245 |
| Gas Sand | 1300 | 1340 |
| First Salt Sand | 1415 | 1440 |
| Second Salt Sand | 1500 | 1620 |
| Sand | 1685 | 1763 |
| Haxton Sand (water, 1848') | 1830 | 1863 |
| Little Line | 1744 | 1965 |
| Pencil Cove | 1965 | 1973 |
| Big Line | 1973 | 2050 |
| Big Injun Sand (gas, 2130-2144') | 2050 | 2155 |
| Squar Sand | 2160 | 2169 |
| Total depth | | 2171 |