

Tide Water Oil Company

Report of work done on our C.D. Woolworth Well #1 in the SE $\frac{1}{4}$ 26-24-36 in the Cooper Field.

Before perforating casing well had produced 100% sulphur water at rate of 10 to 12-bbls per hour with approximately 1,000,000 cu. ft. gas for about two-weeks. Pulled 2"UP Tubing out and perforated Casing from 3390' to 3413' with 29-holes by the Lane Wells Company 1/22/36, ran 2 $\frac{1}{2}$ "UP tubing back in and swung at 3381' and swabbed an estimated average of 60-bbls fluid per hour for 27-hours over a period of three days with a small show of oil, and very small show of gas. On the 1/29/36 pulled tubing and installed 2 $\frac{1}{2}$ " Williamson flow valves (nine set) turned 800# pressure in Casing at 3:PM 1/30/36 from Simms Woolworth Well #1, if flowed at the rate of 60-bbls of 100% sulphur water per hour 30th and 31st with fluid ratio of 300 cu. ft; gas per barrel of fluid. 2/1/36 produced 52-bbls of oil at 60-bbls fluid per hour with outside gas turned on five minutes twice daily to build pressure up to 800#, 2/2/36 produced 84-bbls oil, 2/3/36 produced 127-bbls oil, 2/4/36 produced 140-bbls oil. Has averaged 60-bbls fluid per hour since 1/30/36 except about 3-hours 2/1/36 when we were experimenting to see if it would flow on its own gas. Since the 2/1/36 it has averaged 136-bbls oil per day at 60-bbls fluid per hour with gas fluid ratio of 350 and gas oil ratio of 3600. Well produced on its own gas from 2/5/36 to 2/9/36 when it was necessary to turn gas on about five minutes from Simms Woolworth Well #1, and build casing pressure up from 500# to 800#

J. H. [Signature]

