

Land of the Las Cruces
Lease No. 030132-B
Unit Closson B
Cities Service Oil Company

This well was drilled to 3810' in line. An attempt was made to pull tubing with packer. However, it was impossible to do so. Tubing was backed off and pulled leaving packer in hole. Several days were spent trying to recover packer which proved to be unsuccessful. Top of fish was located at 3777'. Ran gamma ray and neutron log and found porous zone from 3758 to 3768'. The well was then plugged back from 3777 to 3769' (8') with 8 gal. of hydromite. The rotary rig was moved off and pulling unit moved in to complete the work.

The well was swabbed natural and recovered 195 barrel of fluid in 12 hours. Fluid was water with only a trace of oil. The well was then plugged back to 3707' and casing was perforated with 2 jet shots per foot from 3454 to 3548' (94'). Ran tubing and fractured Yates with 15000 pounds of sand and 15000 gallon of refined oil. The well was swabbed thoroughly and shut in. It was opened up after 24 hours (SI tbg. pressure 650 pounds, SI csg. pressure 1125 pounds) flowed 6.68 barrels of fluid, tubing pressure went to zero, casing pressure to 100 pounds. Ran swab and recovered no fluid. Failed to recover 490.65 barrels of load.

The tubing was pulled and casing was perforated with 2 jet shots per foot - 3570 to 3590'; 3600 - 3630'; 3635-3645'; 3675-3687'. Tubing was run with packer and the lower Yates swabbed dry. It was then fraced with 9000 gallon of refined oil, 9000 pounds of sand - total load and treatment 302 barrel. The well was shut-in for 4 hours and then swabbed. Recovered 85 barrel of oil in 11 hours from swabbing. The well flowed 5 bbls. oil in 2 hours with FIF of 50 pounds. Gas was estimated at 75 to 100 MCF per day.

The well was SI and packer reset at 3428'. Swabbed 12 barrel of oil and very little gas and shut in. The well was opened up and flowed 38 barrel of frac fluid and an estimated 40 MCF of gas in 24 hours. Testing has continued and load has not been recovered to date.

This well was tested February 21, 1956 for 24 hours and produced 4.16 barrel of oil (frac) 14 barrel of water with a GOR of 26,550. Choke 32/64. Tubing pressure 50 pounds. The well is now being produced in an attempt to recover the balance of frac fluid.