



Well was drilled to total depth of 6501' on October 7, 1945. A drill-stem test from 6334' to 6501' with tool open 2½ hours showed recovery of 180 feet of drilling mud with slight show of gas in mud. 5½" casing was cemented at 6342' with 500 sacks and well was shot with 158 quarts from 6360' to 6435' with cement plug set at 6445'. Calseal cap on top of cement plug. Cleaned hole out with reverse circulation then ran tubing to swab. Set tubing with packer at 6192'. Well shut down 21 days waiting for swabbing unit.

Ran swab on December 1, 1945 and found approximately 1000 feet oil in hole. Swabbed hole down and treated with 2000 gallons acid. Swabbed well down and allowed to stand over night. Ran swab in morning and found approximately 2000 feet of fluid in hole of which upper 1000 to 1500 feet were oil and the remainder was water. Retreated well on December 6, 1945 with 4000 gallons of 15% acid swabbed well down then swabbed each morning and evening on Dec. 7th, 8th, 9th and 10th. Shut well in on Dec. 10th and allowed to remain shut in for 48 hours. Ran in hole on Dec. 12, 1945 and found 4335' of fluid in hole. After second pull of swab well flowed for 15 minutes. At end of 24 hour test well had swabbed and flowed 11.97 barrels of oil and 3.5 barrels of water.

Set Baker plug at 6255' with 9 feet of cement and 11 feet of calseal on top. Perforated casing with 4 shots per foot from 6185' to 6205'. Treated with 500 gallons mud acid and swabbed well. Swabbed hole down and found fill up of approximately 300 feet oil per hour. Treated well with 1000 gallons 20% acid. Swabbed down 4000 feet and well kicked off flowing approximately 2½ million cubic feet of gas and 38 bbl. oil in 24 hours. Production declined in 2 days so retreated with 3000 gallons acid. Well kicked off without swabbing on February 26, 1946.

Production declined between February 26, 1946 and March 28, 1946 with sudden large increase in water during latter part of first week of March. Killed well on March 28, 1946 and pulled tubing. Found tubing had parted at 5842' and that packer and approximately 400' of tubing had been left in hole. Decided to perforate casing and test top of Clear Fork section rather than fish packer and tubing out.

Perforated casing with 4 shots per foot from 5630' to 5670' and set special packer tool straddle perforations. Swabbed well down then treated with 500 gallons 15% acid. Hole filled 2400' oil and 100' acid water in 14 hours. Retreated with 3000 gallons acid. Well flowing approximately 18 barrels oil per day as of May 9, 1946.