

SIFRA PETROLEUM CO., INC.

WORKOVER

JOY B-2
NE NE SE
Sec. 12-12S-18W
Ellis County, Kansas

New T. D.: 3703'; Elev.: 2173' D.F.
8-5/8" Set at 203' w/ 140 sx.
5-1/2" Set at 3698' w/125 sx.
Shoe Joint - 27.07'
Zero Point - 7' ABH

- 2-13-62 Moving in Company Spudder. Rigging up.
- 2-14-62 Pulling rods and tubing. Perforated 24 holes from 3470' to 3476'. Perforated 16 holes from 3546' to 3550'. Perforated 24 holes from 3574' to 3580'. Perforated 16 holes from 3590' to 3594'. 80 holes, used Lane-Wells using jet charges. Run tubing with dual packers.
- 2-15-62 Setting packers. Top packer at 3567'; bottom packer at 3601'. Strung up swab. Checked for fluid. Found tubing dry to 3535'. Acidized with 1000 gal. acid. Pressured up to 1500#. Pressure dropped to zero. Speeded up pump. Treated on 800# to 1000#. On zero in 5 minutes. Pressure built up on casing while acidizing. Think upper packer leaked or had communication. Started swabbing. Found fluid at approx 2000' down from surface. Swabbed tubing to bottom. No oil showing. Seems to have slight amount of gas.
- 2-16-62 Picked up tubing. Straddled zone from 3546' to 3550'. Set upper packer at 3530'; lower packer at 3564'. Acidized with 500 gal. regular acid. Max. pressure 1000#. Broke and treated on zero. Had communication around lower packer. Run swab. Found tubing dry. Picked up tubing. Straddled zone from 3470' to 3476'. Set upper packer at 3456'; lower packer at 3490'. Used 100 gal. acid ahead of water. Tubing would not load. Had communication. Run swab. Tubing dry. Fluid going in Arbuckle in bottom of hole. Picked up packers in blank casing. Pressured up to 1200#. Checking packers to see if they would hold. Slight leak off on pressure. Packers seem to be O. K. Pulling tubing and packers.
- 2-17-62 Perforated 16 holes from 3336' to 3340'. All port holes showed dry. Perforated 16 holes from 3168' to 3172'. Had a good show of oil in bottom of gun; no water showing. Running tubing with dual packers. Set lower packer at 3352'; upper packer at 3322'. Covered perforations from 3336' to 3340'. Run swab. Hole was dry. Acidized with 500 gal. regular acid. Held 1500#. Pressure for 25 minutes. Broke and treated on 1000#. On zero in 3 minutes. Used 36 bbls. total fluid to treat with. Swabbed load fluid back. No oil showed. Making approx. 5 to 10 bbls. salt water per hour. Swabbing off bottom. Picked up tubing. Set lower packer at 3185'; upper packer at 3155'. Covering perforations from 3168' to 3172'. Run swab to bottom of tubing. Hole dry. Swab to bottom of tubing. Acidized with 500 gal. regular acid. Max. pressure 600#. Treated on 600#. On vacuum in 2 minutes after shutting pump down. Used 24 bbls. total fluid.
- 2-18-62 Checked for fluid. Found approx. 800' in hole. Swabbed hole down to bottom. Recovered 4 bbls. fluid. Slight show of oil showed on second pull with swab. Swabbed hole dry. No fluid coming in tubing.
- 2-19-62 Checked for fluid after being down 12 hours. Found tubing dry. Pulled tubing. Set a Baker plug at 3250'. Strung up swab.