

STATE "S" NO. 4

This well was originally drilled to T.D. of 8182' in lime. It was plugged back to 8066½'. The well was shut-in recently because it was un-economical to produce. 1-24-59 the following work was started in an effort to restore the well to an economical producing status. Moved-in workover rig and set C.I. bridge plug set @ 8010'. Perforated 7974-7990 (16') w/4 jets/ft. 64 holes. Ran 2½" tbg. w/treating tool set @ 7945'. Sand frac w/2500 gal. jelled lse. crude w/1/20# adomite/gal. 2500# sand, max. press. 6900# @ 8.3 B/M followed w/2500 gal. jelled lse. crude w/1/20# adomite/gal, 2500# sand, max. press. 6900 @ 8.2 B/M. Total load 421 BO. SI 4 hrs., flwd back 80.74 BO, 12 hrs. Swbd 49 BO cut 3% mud & sand, 13 hrs. Well swbd down. Acidizing McKee zone 7974-7990', swbd dry. Pulled tbg., dumped 10' cement on top of B.P. Set CI drlg. bridge plug @ 7950'. Perf. 7910-38, 7887-7902, 7872-7878 (39') w/4 jets/ft. 156 holes. Ran 2½" tbg. w/treating tool @ 7863'. Spotted acid, az/3000 gal. reg. max. press. 1200# @ 1 B/M. Had communication. Total load 72 acid, 48 BO. Rset pkr. @ 7871, swbd 47 BO, swbd dry. Re-acidized w/3000 gal. reg. acid, max. press. 2400# @ 6/10 B/M. Broke to 500# after 20 min. zones communicated. Total load 72 bbl. acid, 48 BO. Swbd 40 BO, 42 BAW, 6 hrs. Re-set treating tool 7770. Sand-frac - pmpd 1000# moth balls ahead w/15,000 gal. jelled lse. crude w/1/20# adomite/gal. w/22,500# (20-40 grade) sand followed w/15,000 gal. jelled lse. crude w/1/20# adomite/gal. w/15,000# (10-20 grade) sand, max. press. 6400# @ 10.1 B/M. Treatment load 925 BO. SI 4 hrs. did not BF, swbd 113 BO, 1.7 BW, 12 hrs. FL 700' i/top. TL 1021 BO, 100 BAW to rec. PB 7950. Pulled tbg. perf. 7742-7788 (46') w/4 jets/ft. 184 holes. Ran retrievable BP set @ 7798' w/treating tool @ 7713', pmpd into formation 1½ B/M, @ 1500#. Rset RBP 7794, same results. Ran SLM on RBP 7794. Prep. to PB w/cem. Sand frac w/5000 gal. jelled lse. crude w/1/20# adomite/gal. 5000# (10-20 grade) sand, max. press. 6000# @ 9.5 B/M. Total load 406 bbls. SI 8 hrs. Pull tbg. and ret. BP, c/o w/bailer to 7950'. Moving off rig 1-26-59. Dumped 1 sz cem. on top of permanent bridge plug @ 7950. PB to 7940'. Ran 256 jts. (7813.64') 2½" EUE tbg. set @ 7827' w/seating nipple @ 7797' w/tbg. anchor @ 7029'. Released rig @ 1:00 AM 1-26-59. Moved in pulling unit, ran rods & pump and started pumping back load. Completed recovery of load March 4, 1959, and began potential test. Pot. pumped 57.75 BO, 2.39 BW, 24 hrs. Oil grav. 39%, 10 SPM, 84" stroke, GOR 439. New allow. of 58 bbl. being requested on C-116. Old allow., prior to workover was 7 BOPD.