

*To be added to 7-331 - G.P. 714 High Grade #5.*

10/19/58

PSTD 7010' Rigged up - went in hole with bit and casing scraper, drilled Baker stage tools at 5645' and 5755'.

10/20/58

PSTD Cleaned out to 7010', circulated hole clean, tested csg. and D.O.P. to 4360 psi - held O.K., displaced hole, spotted 250 gal. 15% HCl acid, pulled out of hole, ran Jet-Tech Gamma Ray Correlation log. Perf. 2 jets per ft. 7745'-49', 7754'-53', 7763'-57', 7769'-64', and 7786'-7000', frac with 50 lb 4000 WD 60,000# 20-40 sd., 48,000 gal. water w/2 1/2 3-1/2 lb injection volume spent per 1000 gal., I.F. 3200 psi, max. 3700 psi, min. 2400 psi, final 3200 psi. Instant shut in 200 psi, 10 min. shut in 1200 psi. Ave. I.R. 53 B/M.

10/21/58

(Cont'd) Perf. 2 jets per ft. 7786'-84', frac all perf. w/48,000 gal. water w/2 1/2 3-1/2 lb 4000 WD 60,000# 20-40 sd. I.F. 3200 psi, max. 3700 psi, min. 2400 psi, final 3200 psi. Instant shut in 200 psi, 10 min. shut in 1200 psi. Ave. I.R. 53 B/M. Made five ball drops of 10 balls each, good ball action. Perf. 2 jets per ft. 7810' to 7811'. Spent 500 gal. HCl acid on 2 jets per ft., established injection rate at 24 B/M at 3200 psi, became better, 24 B/M, let acid soak - frac all perf. w/48,000 20-40 sd., 48,000 gal. water with 200 Adamsite liquid fluid bed particles per 1000 gal. water. I.F. 3200 psi, ave. 3200 psi, min. 2200 psi, max. 3700 psi, final 3200 psi. Instant shut in 200 psi, 10 min. shut in 1200 psi. Ave. I.R. 43 B/M. Made 4 ball drops of 5 balls each, good ball action. Lost blow lines, let well flow back. Well flowed out strong at 8:45 A.M. making est. 40,000 MFP through 7" Blm. line.

10/22/58

PSTD 7010' Let well flow on an sphere a total of 5 1/2 hrs., well flowing strong, and back into well. Shut well in, wait on water and ball cracks. Arrived at 3 P.M. on the, filled well with 200 bbls. water. Jet-Tech and other tools with packer with flagper valve in place on wire line, set at 7010' depth. Pumped in 200 bbls. water, well on vac., pump 5000 w/2 1/2 3-1/2 lb 4000 WD 60,000# 20-40 sd. Ran 2 1/2 jets. 2 3/4" O.D., 4.75' I.D., 11 1/2" long Star sig. T.E. 7570.65' set at 7550' and Baker Model "F" joints 7073' to 7113', Baker Model "F" sliding sleeve valve at 7113', Baker Model "F" seating nipple at 7352' and Baker Model "F" at 7352'. Landed tbg. with 15,000# w/2 at packer. Rigged up, drop ball, pumped into tbg. to pump out float, wait on dry light.