

DAILY REPORT

- 9-4-76 Moved in Farmington Well Service rig w/drilling equipment. Waited 3 hrs on Beasley truck w/tbg. Went in hole with 4-3/4" bit on 2-3/8" tbg to stage tool.
- 9-5-76 Did not work - Sunday.
- 9-6-76 PBTB 5676'. Drilled Baker stage tool @ 3510'. Went to btm, circulated hole, pulled tbg, installed BOP. Go International ran gamma-ray correlation log. Perf w/select fire gun Densi Jet "10" charge one hole each @ 5606', 5594', 5581', 5566', 5482', 5464', 5444', 5365', 5242', and 5222'. Perf one jet/2 ft 5519-5539', 10 holes, same charge.
- 9-7-76 PBTB 5676'. Western Company acidized well using 500 gals 15% HCl, 20 balls. Breakdown 1400 psi, IR 20 BPM, Max press 3800 psi. Good ball action but did not ball off, went on vac in 5 min. Ran gauge ring and ball catcher, recovered one ball. Frac Mesaverde fm using 1141 hp, 40,000 lbs 20-40 sd, 105,000 gals wtr, 1/2 lb FR-2X per 1000 gals wtr. IF 1350 psi, Max 1350 psi, Min 950 psi, Avg 1150 psi, Final 1150 psi, ISDP zero, on vac in 5 min. Max IR 45 BPM, Avg IR 40.5 BPM. Calculate that all perms are open w/900 psi. Differential press across perms. Ran Baker retrievable bridge plug on 12 jts tbg and Go wire line set @ 3450' RKB. Pressure tested BP and csg to 3500 psi - held OK. Perf one jet/2 ft 3316-3366' and 3182-3222' (total of 45 holes). Frac Pictured Cliffs fm w/1434 hp, 67,300 gals wtr, 50,000 lbs 20-40 sd, 1 1/2 lbs FR-2X per 1000 gals wtr. Spearheaded frac w/250 gals 15% HCl. Breakdown 1350 psi, IF 1800 psi, Max 2100 psi, Min 1350 psi, Avg 1500 psi, Final 1900 psi, ISDP 850 psi, 10-min SI 750 psi, Max IR 50 BPM, Avg IR 39 BPM. Had 300 psi press break when acid hit. Made 2 ball drops of 15 balls each. First drop 300 psi press increase. Second drop 250 psi increase, had press break of 100 psi on second drop. Shut well in overnight.
- 9-8-76 Well had est 200 psi press after being shut-in overnight. Opened well to pit, well flowing back. Went in hole w/Baker retrieving head, circulated 25' sand off bridge plug, had trouble getting bridge plug loose. Moved down hole. Well went on vac. Kept stream wtr running in well, pulled Baker retrievable bridge plug, shut off wtr. Well kicked off after 15 min, flowing strong after 30 min. Let well flow to pit overnight.
- 9-9-76 Well making est 900 MCF, not lifting frac wtr. Well had made some waxy oil during night. Went in hole w/2" tbg. Tagged sand @ 5600'. Laid down 2-3/8" tbg. Go International ran Baker Model "D" bridge plug set @ 5200' RKB.
- 9-10-76 Changed BOP pipe rams. Well making est 1000 MCF, flowing by heads. Ran 172 jts 1-1/4" OD 2.4# JCW 10R EUE tbg set @ 5550' RKB w/Baker seal assy @ 5200' and Baker blast jts across PC perms. Killed PC and ran 106 jts 1-1/4" OD 2.4# JCW 10R EUE tbg set @ 3357' RKB. Left well open overnight.
- PC kicked off during night making est 1200 MCF w/spray of wtr and oil. Pumped out plug in MV tbg string. Swabbed MV 4 hrs, well did not kick off. Released rig and moved to Sherman Edward #2.

SHUT-IN FOR INITIAL POTENTIAL TEST

