

Purpose: Add pay & sand frac Queen formation.

- 6-02-94 TP 0#; CP 30#. R/U kill truck. Attempted to pump down 1-1/2" coil tbg. TP up to 1000#. No flow. R/U Fleet coil tbg. Removed WH. Installed 6" 1500 series 5M hydraulic BOP w/ spacer spool. Tagged prod tbg stub w/ coil tbg unit pipe. P/U BOP. Made connection on coil tbg strings. Set BOP & flanged up. Equalized csg above & below wraparound. Closed pipe rams. Pulled tbg until wraparound same depth as spacer spool. Removed spacer spool. Removed wraparound. Set spacer spool & flanged up. POH w/ 1-1/2" coil tbg. Closed blind rams - bled off pressure. FOH w/ tbg. Manually locked rams. Removed spacer spool. R/D Fleet. Opened csg to sales line. SDFN. DC = \$3,776. TC = \$279,952.
- 6-03-94 FCP 35#. Well flowing w/ gas rate of 155 MCFPD. R/U Wedge W.L. RIH w/ 5-1/2" Baker RBP on W.L. Set plug @ 3373'. POH. Closed blind rams. R/U kill truck. Loaded csg w/ 66 bbls 2% KCl wtr. Tested blind rams & csg to 3800# - OK. Installed 7-1/16" frac valve & lub. Tested lub to 1000# - OK. Perf'd 5-1/2" csg w/ 3-1/8" csg guns @ 3014-18'; 39-43'; 69-78'; 3102-06'; 29-32'; 3261-64'; 3290-3304'; 3316-20'; 44-47' w/ 4 JSPF (192 holes - 5 runs). R/D Wedge W.L. Closed blind rams. SDFN. DC = \$7,673. TC = \$287,625.
- 6-04-94 R/U Western Co. Tested lines to 4500# - OK. Had brief safety mtg. Sand frac'd Queen interval 3014-3347' w/ 46,000 gals 70% quality CO₂ foam (40# gel system) containing 150,000# 16/30 mesh brady sand. Flushed to top perf w/ 70% quality foam. Max press 2900#; AIR 40 BPM (combined rate) @ 2800#. ISDP 1900#; 5 MSIP 1810#; 10 MSIP 1780#; 15 MSIP 1750#. SWL. R/D Western Co. R/U flowback line. Opened well to frac tank on 12/64" positive ck. Well flowed no fluid in 18 hrs. Ending FCP 500#. Chg'd positive ck to 24/64" ck. DC = \$36,386. TC = \$324,011.
- 6-05-94 Well flowed 221 BW in 18 hrs on 24/64" positive ck. Ending FCP 30#. DC = \$650. TC = \$324,661.
- 6-06-94 FCP 10#. Well flowed no fluid. DC = \$650. TC = \$325,311.
- 6-07-94 FCP 0#. R/U Lucky Svcs. Removed 7-1/16" frac valve. Installed two spacer spools on hydraulic BOP. Closed blind rams. Chg'd pipe rams to 2-3/8". Hook up second flowback line. RIH w/ 5-1/2" tension pkr on 2-3/8" tbg. Set pkr @ 60'. Closed pipe rams. Tested rams to 1000# - OK. Rel pkr. POH. WIH w/ 5-1/2" overshot, string float on 2-3/8" tbg. Tagged sand @ 3290'. Installed stripperhead, TIW valve & swivel. R/U Tricone Svcs. Broke circulation & cleaned out to plug @ 3373' (pumping 2400 SCFM). Latched onto plug. Rel plug. POH w/ overshot, plug on 2-3/8" tbg. WIH w/ W.L. entry guide. 2'-2-3/8" tbg sub, Baker Model "R" profile nipple w/ 1.81 I.D. on 2-3/8" tbg. (plug run in place.) Tag sand @ 3325'. Broke circulation & cleaned out to 3615' PBTD. Circ'd hole clean. POH w/ 9 jts 2-3/8" tbg. R/D Tricone Svcs. Closed pipe rams. SDFN. DC = \$12,917. TC = \$386,713.
- 6-08-94 RIH w/ 2-3/8" tbg. Tagged sand @ 3325'. Pulled tbg up to 2950'. R/U Tricone Svcs. Circ'd & cleaned out to PBTD 3615'. Circ'd hole for 2-1/2 hrs. Pulled tbg up to 2950'. Shut down 1-1/2 hrs to chk for fill. RIH & tagged btm @ PBTD 3615'. POH w/ B.O.T. @ 3403'. Stripped in wraparound. N/D BOP. Nipple tree. R/U Otis. Pulled "N" plug @ 3402'. Hooked well up to test tank. SITP 200#. Left well flowing to test tank on 32/64" ck. SDFN. DC = \$4,672. TC = \$391,385.
- 6-09-94 Well dead. R/U swab. Started swabbing w/ FL 3300'FS. Made 7 runs in 7 hrs. Recov'd 5 BW. FFL 3400'FS. Unable to kick well off. SI tbg & csg. R/U company slickline unit. RIH w/ sinker bar. Tagged sand @ 3545'. POH. R/D slickline unit. Bled off tbg & csg pressure to test tank w/ ck. No flow. SI well f/ pressure buildup. SDFN. DC = \$1,880. TC = \$393,265.
- 6-10-94 SITP 200#; SICP 180#. Opened well to test tank on 21/64" positive ck. Well flowed no fluid in 12 hrs. Ending FTP & FCP 60#. Left well open to test tank. DC = \$725. TC = \$393,990.
- 6-11-94 FTP 50#; FCP 45#. Well flowed no fluid in 19 hrs. Hooked up well to sales line on full open ck. DC = \$500. TC = \$394,490.