

Purpose: Add pay & stimulate Queen formation.

- 6-02-94 TP 45#; CP 45#. R/U kill truck. Pumped 5 bbls 2% KCL wtr dn coil tbg. Tbg on vacuum. Dropped dart plug. Pumped plug dn tbg using 12 bbls 2% KCL wtr. Tbg pressured up to 500#. Would not hold pressure. Tbg on vacuum. 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 on 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. Chg'd out pipe rams & installed blind rams. Opened csg to sales line. SDFN. DC = \$4,526. TC = \$333,410.
- 6-03-94 FCP 45#. Well flowing w/ gas rate of 93 MCFPD.
- 6-04-94 FCP 48#. Well flowing w/ gas rate of 100 MCFPD.
- 6-05-94 FCP 48#. Well flowing w/ gas rate of 110 MCFPD.
- 6-06-94 FCP 48#. Well flowing w/ gas rate of 110 MCFPD.
- 6-07-94 FCP 48#. Well flowing w/ gas rate of 118 MCFPD.
- 6-08-94 FCP 50#. R/U Wedge W.L. Installed 7-1/16" frac valve. RIH w/ 5-1/2" Baker RBP on W.L. Set plug @ 3450'. POH. Closed frac valve. R/U kill truck. Loaded hole & pressure tested BOP, plug & csg. Doors on BOP leaking. Chg'd out gaskets on blind ram doors. Pressured up on BOP, plug & csg. BOP still leaking & hinge pin leaking. R/U M&G Trucking. Removed 5M hydraulic BOP. Installed 5M hydraulic BOP w/ 2-3/8" pipe rams & blind rams. Pressure tested BOP, plug & csg to 3800# - OK. R/U lub & tested to 1000# - OK. Perf'd 5-1/2" csg w/ 3-1/8" guns @ 3105-09'; 32-35'; 62-71'; 97-3203'; 3333-25'; 3312-14'; 79-83'; 88-93'; 3410-12'; 18-22' w/ 4 JSPF (168 holes - 5 runs). R/D Wedge W.L. Closed blind rams. SDFN. DC = \$7,531. TC = \$340,941.
- 6-09-94 R/U Western Co. Tested lines to 4500# - OK. Safety mtg. Sand frac'd Queen interval 3105-3422' w/ 43,000 gals 70% quality CO₂ foam (40# gel system) containing 133,000# 16/30 mesh Brady sand. After pumping 5 bbls flush, Western's WH tee connection developed hole. S/D. Closed blind rams. Closed frac valve. Max press 3000#; AIR 40 BPM @ 2800#. ISDP 1500#; 5 MSIP 1450#; 10 MSIP 1390#; 15 MSIP 1370#. SWI. R/D Western Co. Opened well to frac tank on 12/64" positive ck. Well flowed no fluid in 10 hrs. Left well flowing to frac tank. DC = \$34,413. TC = \$375,354.
- 6-10-94 Well flowed 133 BW in 23 hrs on 12/64" positive ck. FCP 470#. Chg'd ck to 24/64". Well flowing to frac tank. DC = \$800. TC = \$376,154.
- 6-11-94 R/U Lucky Svcs. SDFN. Well flowed 132 BW in 16 hrs on 24/64" positive ck. FCP 20#. DC = \$800. TC = \$376,154.
- 6-12-94 Removed 7-1/16" frac valve. Installed two spacer spools on hydraulic BOP. Hook up 2nd flowback line. RIH w/ 5-1/2" tension pkr on 2-3/8" tbg. Set pkr @ 62'. Closed pipe rams & tested to 1000# - OK. Rel pkr. POH. WIH w/ 5-1/2" overshot, string float on 2-3/8" tbg. Tagged sand @ 3258' (192' fill above plug). Installed stripperhead, TIW valve & swivel. R/U Tri-Cone Svcs. Broke circ w/ btm of tbg @ 2975'. Cleaned out to plug @ 3450'. Latched onto plug. Sheared pin. POH w/ plug on 2-3/8" tbg. WIH w/ W.L. entry guide, Baker Model "R" profile nipple w/ 1.81 I.D. on 2-3/8" tbg (plug run in place). Broke circ w/ B.O.T. @ 2975'. WIH & tagged sand @ 3442'. Broke circ & cleaned out to 3525'. Tbg stuck. Jarred on tbg for 1-1/2 hrs. Tbg came free. Pulled B.O.T. above perfs. Closed pipe rams. Installed TIW valve. SDFN. DC = \$5,070. TC = \$381,224.