

ATTACHMENT I

8. SITP = 0 psig. SICP = 0 psig. Broke circ & drilled hard cmt from 2410'-2550' & stringers to 2572'. Press tested csg to 525 psig for 15 min & held OK. RIH & tagged TOC on 2nd cmt retainer (set @ 3102') @ 3075'. Drilled hard cmt from 3075' to top of retainer. Drilled 1.5' on retainer to 3103.5', rev circ hole clean. SI & secured well. SDFN.
TL 10 BW TR 2 BW, 4 BC
9. SICP = 0 psig. SITP = 0 psig. Broke rev circ & drilled on retainer from 3103.5' to 3105'. Drilled hard cmt from 3105' to 3140' & stringers to 3168'. Reversed hole clean & tested csg to 525 psig for 15 min & held OK. POOH w/98 jts 2 7/8" 6.5# N-80 workstring. 4-4 3/4" drill collars, & 6 1/4" bit. RD swivel & RIH w/ 6 1/8" bit, 7" csg scraper, SN on 220 jts 2 7/8" workstring to 6802'. Displaced hole w/243 bbls 2% KCL wtr. SI & secured well. SDFN.
TL 10 BW TR 2 BW, 4 BC
10. SITP = 0 psig. SICP = 0 psig. RU Western Co. Rev circ w/12 bbls 2% KCL wtr to clear tbg. Spotted 200 gals 15% NEFE HCl over zone to be perforated. POOH w/220 jts 2 7/8" 6.5# N-80 workstring, SN, 7" csg scraper & 6 1/4" bit. RU Atlas W/L & RIH w/4" csg guns, GR, CCL & logger from 6814'-6476'. Perf'd Wolfcamp from 6574'-6596', 6604'-6612', 6614'-6618', 6630'-6632', 6670'-6674', 6696'-6700', 6702'-6704', 6714'-6722', 6730'-6735', 6740'-6748' and 6758'-6768' w/4 JSPF (308 total holes) in 10 runs (3 mis-fire runs). All shots fired. Tagged PBTD & 7275' & POOH. RD Atlas W/L. RIH w/RTTS pkr, SN & 30 stands 2 7/8" tbg. SI & secured well. SDFN.
TL 10 BW TR 2 BO, 4 BC
11. SITP = 0 psig. SICP = 0 psig. FIH w/2 7/8" x 7" RTTS pkr, SN on 2 7/8" 6.5# N-80 workstring to 6650'. Dropped SV, loaded & tested tbg w/17 bbls 2% KCL wtr to 6000 psig. Held OK. Fished SV, set pkr in 13,000# compression. Treated lower half of Wolfcamp perfs from 6670'-6768' w/5040 gals 15% NEFE HCl acid w/additives using 205 1.3 SG RCN ball sealers for divert. Dropped 2 sets of 70 ball sealers /840 gals acid & 1 set of 65 ball sealers/840 gals acid. Avg treat press = 2600 psig @ avg rate of 5 BPM. Max press = 3400 psig. Min press = 2600 psig. Saw 200 psig ball action w/70 ball sealers on form, 500 psig w/140 ball sealers on form, 200 psi w/ 205 balls on form. ISIP = 2300 psig. P5 = 1800 psig, P10 = 1700 psig, P15 = 1700 psig. Rel RTTS stands tbg to clear perfs. POOH w/RTTS. PU & RIH w/7" RBP w/ ball catcher, RTTS pkr, 6655'. Set RBP, PU 5' & set RTTS @ 6650' KB. Loaded tbg w/2 bbls 2% CKI & tested RB. Held OK. Rel RTTS & PU to 6498'KB. Set RTTS in 12,000# compression. Opened RTTS & rev circ 16 BW to clear any spot acid from above pkr. Closed bypass. Treated all of Wolfcamp perfs from 6574'-6632' w/ 4032 gals 15% NEFE HCl acid w/additives using 16 ball sealers for divert. Dropped 3 sets of 55 ball sealers per 840 gals acid. Avg treat press = 2400 spig @ 5 BPM. Max press = 2900 psig, min press = 2100 psig. ISIP = 190 psig. P5 = 1800 psig, P10 = 1800 psig, P15 = 1800 psig. Saw no action w/55 ball sealers. Saw 300 psig ball action w/110 ball sealers on form. Saw 300 psig ball action w/165 ball sealers on form. Rel RTTS & RIH to RBP. Rel RBP & RIH. Set RBP @ 6806' (below all perfs). Set RTTS in 12,000# compression. RU swab & RIH. 1st FL - surface. Made 6 SR in 2. Recov'd 51 BW & much acid gas (some hot acid). Final FL 3100' FS. SI & secured well.
TL 302 BW TR 51 BW, 4 BC