

FEDERAL STATE COM #1, 11,490 TD.

- 6/25 Spaced out 3½ " tbq, sw tbq dry to 5500, Cecil Horne Wire Line Co attempted to fish plug from F nipple @ 11,984/15 hrs w/ no success, cont to fish for plug.

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- 6/26 Fished & rec plug from F nipple @ 11,984, fl to pits 8 hrs on 1" ck, TP 25, prep to frac.

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- 6/27 Western Co SWF Morrow perfs 11,000-11,218 down 3½ tbq w/ 34,000 gals 5% MS gelled frac fluid + 17,000 gals liquid CO2 + 41,000 20/40 Ottawa sd + 10,000# 12/20 glass beads, loaded tbq w/ 3% KCL wtr, TTP 7000-9800, AIR 18.0 BPM, sanded out w/ 27,000# sd & 6700# beads in perfs, back flow well, then flushed w/ slick wtr, ISIP 8800, open well to pits on 48/64 ck, fl 1W & gas past 17 hrs, TP 150, cont to test.

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- 6/28 Fl to pit 11 hrs, 3/4 ck, TP 150 psi, SIFN, prep to set plug and pull 3½ tbq.

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- 6/29 12 hr SITP 3500, Cecil Horn WL Co set plug in ER recpt @ 10,959, bled off tbq, Knox kill truck loaded tbq w/ 100 bbls 9.5 br wtr, rel from recpt, LD 195 jts 3½ tbq, SDFN.

- 6/30 & Finish LD 3½ frac tbq, SDFN & Sunday.

7/1

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- 7/2 PU 352 jts 2-3/8 N80 tbq, tested 6000 psi above slips, latched into rec and landed tbq w/ 9000# T, rem bop, inst'l tree, SDFN.

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- 7/3 Sw fluid level in tbq down to 4700, C. Horn WL Co attempt to ret plug from recpt/11 hrs, SDFN.

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- 7/4 & Sw fluid to 7710, bailed out scale and fish out cutter bar,  
7/5 latched onto C. Horn tools, jarred 20 min, sheared off OS in 10 hrs, SDFN & holiday.

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- 7/6 C. Horn WL Co ran bailer, found tbq clean, latched onto fish, - could not pull, broke line @ truck and lost in hole, WO fishing tool 3 hrs, fished WL from hole, load tbq w/ 30 bbls br wtr, rec tools w/ SL, reran SL, sheared off bottom set WL tools, SDFN.

- 7/7 & Rem Xmax tree, inst'ld BOP, unjayed from recpt, rev circ  
7/8 tbq clean, latched into recept, tested w/ 2500 psi/ok, fish tools w/ SL, rem BOP, inst'l tree, C. Horn fish plug in SL, S 3 runs, well kick off and fl to pits 16 hrs, 1" ck, TP 125, L hr clean, SI for weekend @ 8 am 7/7/74, prep to hookup test equip. SI 22 hrs, TP 3300.

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- 7/9 F 29 BLW/15 hrs on 32/64 ck, TP 1050, GR 3.250 MMCFPD, RD & rel X-PeritWell Serv unit @ 6 pm 7/8/74, prep to rel well to Prod.