

FEDERAL "LL" #1, 12,090 TD.

8/11 Ran sw 1 run/hr for 7 hrs, rec 10 gals LW, ran sinker bars to 11,992, SI 17 hrs, TP 100, prep to unload hole w/ N2.

8/12 RU Nowasco, ran 3/4 flexible tbq in 2-3/8 tbq & 7" csg to 11,750, unloaded csg w/ N2 in 2 hrs, blew hole clean, then dumped 600 gals Western Co 7½% MS acid down tbq, unloaded acid out of csg & tbq from 11,750/3 hrs, no press increase after acidizing SI 12 hrs, TP 100, prep to test.

8/13 Bled off press, NS of gas, ran sw, no FIH, pump 35 bbls 10.5 CaCl wtr in tbq, RU Schl to reperf, ran perf gun, failed to fire, SD for nite.

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8/14 Schl reperf 7" liner in the Morrow from 11,468-480; 11,486-496; 11,598-11,602; 11,606-610; 11,646-658; 11,663-668; 11,709-714; & 11,722-11,728, using a 1-9/16 thru tbq gun w/ 1 JSPF, total of 64 holes, had blow on tbq after perf sw tbq dry from 6000 to 11,300, SD for nite.

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8/15 SI 12 hrs TP 100, sw tbq dry from 10,500-11,300/3 hrs, sw dry 2 hrs, sl sh of gas, SI 18 hrs, TP 150, prep to acidize.

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8/16 Sw tbq dry from 11,000-11,300/1 hr, sw dry/1 hr, Western Co acidized Morrow perfs 11,486-11,728 w/ 6000 gals 7½% MS acid flushed w/ KCL wtr, used 120 RCNBS, used 1000 SCFN2/bbl of acid & flush wtr, TTP 7500-8000, AIR 5.6 BPM (good ball action), ISIP 4250, 4 min 3850, job compl 11:00 a.m. 8/15/73, fl acid gas N2 & LW to pits/12 hrs, fl gas & LW past 6 hrs on 48/64 ck, TP 50.

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8/17 Fl to pits past 24 hrs on 48/64 ck, TP 50 to 100, has 100# past 12 hrs, cont to test.

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8/18 F 8½ hrs on 48/64 ck, TP 100, F 6½ hrs on 24/64 ck, TP 100-200, F 9 hrs on 18/64 ck, TP 200-300, cont to test.

8/20 F 6 hrs on 15/64 ck, TP 350, stabilized, F 29 hrs on 48/64 ck, TP 100, SI 10 hrs, TP 3300, open on 48/64 ck, TP 100 after 1 hr, SI past 2 hrs, prep to set plug in ER recpt.

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8/21 SI 2 hrs, TP 2100#, Cecil Horne Wireline Co set plug in Baker ER receptacle at 11,360, bled off press, load tbq w/ 50 bbls fresh water, unlatch from receptacle, POH with 2-3/8" tbq change rams in BOP, SD for nite, prep to run 3½" frac tbq.

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8/22 Picked up Baker on & off tool on 260 jts 3½" N-80 EUE 8rd tbq, tested to 5000# while running, SD for nite.