

FEDERAL "LL" #1, 12,090 TD

- 8/23 Finish running & test 3½" tbg to 11,360', Howco displ hole w/ 10.4# CaCl wtr, latched onto ER receptacle @ 11,360', Cecil Horne Wireline Co. ret plug from ER receptacle @ 11,360, SD for nite.

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- 8/24 Sw 80 BLW/ 5 hrs, F to pits past 19 hrs on 2" ck, TP 0.- to 50#, prep to SWF.

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- 8/25 F to pits 9 hrs on 2" ck, TP 50#, Western SWF Morrow perms 11,468-11,728 down 3½" tbg w/ 20,000 gals 5% MS fluid, 729,000 SCF CO₂ + 24,000# 20/40 ottowa sd + 6000# 12/20 glass beads, used 75 RCNBS, TTP 7600-8500#, AIR 17.4 BPM, ISIP 2400#, 10 min 2400#, job compl @ 5:00 p.m. 8-24-73, SI 1 hr, then F CO₂ & acid wtr past 12 hrs on 48/64 ck, TP 1700-150#, cont to flow acid wtr & CO₂.

- 8/26 F CO₂ & AW to pits 24 hrs on 48/64 ck, TP 150 to 100#, cont test.

- 8/27 F 24 hrs on 48/64 ck, TP 100#, rec CO₂ & AW.

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- 8/28 F to pits 12 hrs on 48/64 ck, TP 100#, rec small amount CO₂ & LW, SI 12 hrs, TP 3200#.

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- 8/29 Bled TP 3200-100# on 48/64 ck, flow AW & gas, then F AW for 10 hrs on 48/64 ck, TP 100#, SI 12 hrs, TP 3200#, cont to test.

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- 8/30 Bled TP 3200-100# on 48/64" ck, flow AW & gas to pits/ 10 hrs on 48/64 ck, TP 100#, SI 12 hrs, TP 3200#, cont to test.

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- 8/31 Bled tbg, pre to pits 3200# - 100# on 48/64 ck/ 3 hrs, hook well up to testing equipment, open well up on 20/64" ck, then flowed 11 BAW/ 8 hrs, tbg psi 1050.

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- 9/1 Hook up meter testing equip, then fl well 21 hrs, fl 77 BAW, 22/64 ck, Tbg psi 1200-1000 @ GR of 1.15 MCFPD.

- 9/2 Fl 62 BAW/24 hrs, 22/64 ck, Tbg psi 1000#, Sep psi 600, GR 1.2 MCFPD.

- 9/3 Fl 8 BAW/4 hrs, 22/64 ck, Tbg psi 1000#, GR 1.2 MCFPD, Cecil Horne set plug in recpt @ 11,360, Howco load tbg w/ Ca Cl wtr & test plug to 3000#/ok, unlatch from recpt @ 11,360, pull & LD 160 jts 2½ tbg, SD for nite.

- 9/4 Finish LD 2½ tbg, ran Baker ret BP on 2-3/8 Buttress tbg, set plug @ 11,330.