

6/2/83 Pulled 353 jts 2-3/8" N80 tbg & LD, 4, 3 1/2" DC's & bit, released collars, RU CRC to rerun CR collar log, tagged @ 11,497', made 4 runs 10,600'-10,200', to set on depth w/open hole logs, pulled CR, csg collar log from 11,497' to 7900', ran 4" csg gun, 23.4" penetration, .49" hole dia, 22 gram charge, perf 10,684'-10,728', 22 holes, 10,654'-10,661', 7', 10,616'-10,620', 4', 10,566'-10,578', 12' & 10,527'-10,550', 13 holes, dg total 80 holes, FL @ 60', SD, will resume perf tomorrow

6/3/83 Had very small amt of gas on csg, FL 40', continued perf, perf 10,512' to 10,518', 6 holes, 10,495'-503', 8 holes, 10,438'-448', 10 holes, 10,396'-411', 15 holes, 10,287'-300', 13 holes, 10,236'-64', 28 holes, 10,154'-74', 20 holes, & 10,018'-34', 16 holes, total of 116 shots for the day and a total Wolfcamp perfs of 196', 196 holes @ 1 SPF.

6/4/83 Had only small blow of gas on csg, ran pkr & tbg, csg was full of wtr, Otis permalatch pkr w/on & off tool on top w/ X profile, set pkr @ 9925' w/10,000# compression, swbd 4 hrs into test tank, rec 44 BW, well swbd dn & started making a little gas, turned flow line to pit, swbd an additional 4 hrs, rec 4 BW in 7 runs, swbg from top of pkr, getting from 100-150' of wtr every other run, had a 4" flare burning, left flowing overnight on 1/4" choke, SD PU, rec 47 BW, caught wtr sample on last swb run:

S.G. 1.020 @ 78°F	hardness 1,400	PO ₄	500
P.H. - 7	Ca 400	HCO ₃	744
Fe - trace	Mg 97	Cl ₃	1,400
H ₂ S - -0-	Na&k 12,463	NaCl	23,030

Appears to be formation wtr.

6/5/83 Flowing 1/4" choke w/6 psi FTP, 23 mcf/d, ran swb, had gas cut wtr from 7000' to pkr, swbd 8 hrs from top of pkr, rec 9 BW, total of 56 bbls for 2 days, left flowing on 1/4" choke, caught wtr sample @ 1 PM, 6/4/83.

S.G. 1.015 @ 74°F	hardness 14,000	SO ₄	410
P.H. 7	Ca 480	HCO ₃	671
Fe trace	Mg. 49	Cl ₃	12,400
H ₂ S -0-	Na&k 10,919	NaCl	20,398

6/6/83 Had 5 psi FTP on 1/4" choke, 20 mcf dy, left flowing.

6/7/83 Flowing w/5 psi on 1/4" choke, 20 mcf/d, ran swb, gas & wtr from 6500' dn in pockets, swbd 8 hrs & rec 8 bbls wtr, still flowing gas @ estimated 20 mcf/d, SD PU, left well flowing overnight.

6/8/83 Flowing gas w/5 psi on 1/4" choke, 20 mcf/d, ran swb, wtr and gas pockets from 7000' to pkr, made 2 swb runs & rec 2 1/2 BW, RU Western & acidized Wolfcamp perfs w/5000 gals 7 1/2% N.E. HCl w/surfactant & iron & clay stabilizers plus 800 SCf N₂/bbl & 392 7/8 ball sealers, N₂ total 110,600 SCf, pumped 15 BA & then 500 SCf N₂ pad & started acid w/N₂ & 4 ball sealers/BA, 4 1/2 BPM rate w/35 bbls away, tbg loaded & press increased to 5700 psi, increased rate to 5.2 BPM & press increased to 6700 psi, max press 6700 psi, min. 5700 psi,