

2/24/83

RU Western to circ hole w/2% KCL FW, pumped 13 bbls & tbg plugged, press @ 1000 psi, ran sinker bars to 5080' & tagged sand in tbg, started OOH & stranded CRC line, POH & cut off 5080' CRC line, ran tbg to top of RBP @ 11,977', reversed hole & circ sand out of tbg, dropped 4 more gals sand dn tbg & pumped to 10,900, let settle 1½ hrs, ran sand line to check tbg, RU Western & spotted 1 bbl 10% acetic acid w/l-8 inhibitor across btm, PU RTTS to 11,880', set pkr & RTT w/gamma ray & pulled 265' for correlation, ran tbg gun & set on depth, perf @ 11,954' & 11,955', 2 holes @ top of zone, 1-11/16" gun, 3.2 gram charges, 7.33" penetration, .25" dia, POH w/gun, RD CRC, RU Western, press annulus to 2000 psi, press tbg to 5000 psi, SD, press bled to 4700 psi, pumped .2 bbls & press @ 6000 psi, SD, press inc to 7000 psi, broke to 6850 @ ½ BPM, treated w/250 gals acetic acid, ISDP 5400 psi, 5" 4400, 10" 3800, 15" 3250, total load 52½ bbls, RD Western, opened well & was on vacuum, ran swb, fluid @ 35', @ 5 AM this morning FL @ 10,400', rec 30½ bbls load wtr, 5½ hrs swbg, still swbg.

2/25/83

Swbd 6 hrs, SD 1 hr to check fluid entry, pulling swb from 11,876', SN, recovered 3.9 bbls wtr, did not have any gas, RU Western to acidize, treated well w/1500 gals 7½% HCL w/iron & clay stabilizer & nitro, 2 BPM @ 700 psi to load tbg, w/28.9 bbls in tbg, press inc to 9400 psi, csg @ 2000 psi, w/29.2 bbls in tbg, 9900 psi on tbg & csg @ 2100 w/29.5 bbls in tbg, inc 10,000 psi on tbg & 2300 on csg w/30.5 bbls in tbg, 10,000 psi on tbg & 2700 psi on csg, SD pump, tbg press @ 9200 psi & csg 3100 psi in 4", bled csg to 1300 psi & then csg press inc to 2000 psi & then press on csg & tbg equalized, @ 2400 psi bled csg press, unseated RTTS & reversed out tbg w/260 bbls 2% KCL FW, started pulling tbg, pulled 40 stds & SD.

2/26/83

Finished pulling tbg & RTTS, pkr loaded okay, changed pkr & ran tbg & tested in hole w/pipe testers, found bad collar & pin 36 stds above pkr & found 20 leaking collars (all on btm side), broke out & doped, they appeared dry, held okay, set pkr @ 11,880', closed well in & SD.

2/27/83

SI

2/28/83

Down

3/1/83

Ran tbg to 11,956', spotted 1 bbl acetic acid across pefs, had 5 bbls in tbg, pulled to 11,880' & set RTTS pkr, press annulus to 2000 psi, press tbg & @ 1.6 BPM had 7400 psi & @ 1.7 BPM 8300 psi & 2.5 bbls in formation, broke to 8100 psi & 1.7 BPM 8300 psi & 2.5 bbls in formation, rate reduced to 8/10 BPM & 8100 psi w/3 bbls in formation & 7900 psi w/all acid in formation, ISDP 5200 psi, 5" 4300 psi, 10" 3600 psi, 15" 3100 psi, rigged to swb, swbd 4 hrs, rec 33.8 BLW, pulling from 11,980', SN, tbg dried up, no gas, rigged to acidize treated w/1500 gals 7½% HCL w/iron & clay stabilizers & surfactants & 53,000 SCF nitro, w/19.8 bbls in tbg had 5000 psi @ 1.1 BPM w/25.6 bbls & 1.1 BPM & 8200 psi, csg press inc to 2300 psi w/30 bbls avg @ 1.1 BPM, 8100 psi, csg @ 2600 psi 31.8 bbls & 1.09 BPM & 9000 psi, csg @ 2800 psi, 32.2 bbls 1.09 BPM @ 9100 & csg @ 3000 psi, started on displacement w/34.9 bbls in 1.90 BPM, 9200 psi, csg 3200 psi, bled csg press w/39.2 bbls avg .9 BPM, 9100 psi,