

1. MIRU PU. NU 3000 psi BOP.
2. RU NL McCullough. Run GR-CCL from PBD @ 2680' to minimum charge depth (approx 700'). Correlate back to Schlumberger OH Compensated Neutron/Litho Density log dated 1/10/86.
3. RIH w/4" csg gun & perforate the csg opposite the Seven Rivers formation at the following depths w/1 (0.42") shot every 2 ft (total 37 holes): 1297'-1307', 1282'-1293', 1225'-1248', 1218'-1222' & 1202'-1216'.
4. RIH w/5-1/2" RBP, retrieving head, 5-1/2" treating pkr & 2-7/8" tbg. Set RBP @ 1320'. PU pkr to 1307'.
5. RU Western. Spot 1 bbl of 15% NeFe acid from 1307'-1265'. PU & set pkr @ 1260'. Establish PIR w/2% KCl wtr. Open bypass & circ remaining 1458 gals of 15% NeFe acid w/clay stabilizers (total 1500 gals) to pkr. Close bypass & acidize Lower Seven Rivers perforations @ 4 BPM dropping 20 ball sealers evenly spaced throughout treatment. Maximum pressure 3000 psi.
6. Flush to bottom perf w/2% KCl wtr. SD 30 minutes.
7. Unseat pkr & RIH w/2-7/8" tbg. Latch onto RBP @ 1320', PU & set RBP @ 1260'. PU pkr to 1248'.
8. Spot 1-1/2 bbls of 15% NeFe acid from 1248'-1185'. PU & set pkr @ 1100'. Establish PIR w/2% KCl wtr. Open bypass & circ remaining 2437 gals 15% NeFe acid w/clay stabilizers to pkr (total 2500 gals). Close bypass & acidize Upper Seven Rivers perforations @ 4 BPM dropping 36 ball sealers evenly spaced throughout treatment. Maximum pressure 3000 psi.
9. Flush to bottom perf w/2% KCl wtr. SD 30 minutes.
10. Unseat pkr & RIH w/2-7/8" tbg. Latch onto RBP @ 1260'. POOH.
11. RIH w/completion string as follows: 31' MA, 4' perf sub, SN & 2-7/8" tbg. Land tbg @ 1366' w/perf sub @ 1331' & SN @ 1330'.
12. RIH w/2-1/2" x 2" x 16' rod pump on 66 rod string. Hang well on & put on production.
13. Evaluate for possible frac.