

- 12/01/93 - RU Western Company, pump 1500 gal of 7-1/2% Mol flow acid w/ add, flush w/ 78 bbls of 2% KCL fresh, avg psi 8,000, max 8,230, avg rate 68 BPM, ISDP 5,500. Pump Western binary foam frac as follows; 1st Pump 20,000 gal foam w/ N₂ and CO₂, 2nd Pump 3,000 gal foam w/ 1-1/2% 20/40 interprop sand, 3rd Pump 4,000 gal foam w/ 1% PPG 20/40 sand, 4th Pump 5,000 gal foam w/ 1-1/2% PPG 20/40 sand, 5th Pump 5,000 gal foam w/ 2% PPG 20/40 sand & 6th Pump 4,000 gal foam w/ 3% PPG 20/40 sand. Flush w/ 77 bbl foam, ISDP 6150, 5 min 5800 psi, 10 min 5500 psi, 15 min 5450 psi, total bbl to recover 447 (frac & acid job), avg rate 10 BPM, avg psi 9300, max psi 9700. Total N₂ 626,000 SCF, total CO₂ 85 tons, & total sand 35,000#, shut well in 3 hrs, beginning FTP 4800 psi.
- 12/04/93 - Produced 1844 MCF in 22 hrs @ 2950# on a 12/64 choke. Produced 8 BC and 105 BW.
- 12/16/93 - Produced 44 BO, 1756 MCF and 39 BW @ 2600# FTP.