

ATTACHMENT - M. C. Brown # 1 (Continued)

Acidizing or Other Completion Operation

- 10-3-56 Cardinal acidized perf. 1510-1530, w/1000 gals. 15% LST. TP 3300-1300#, .6 of 1 BPM, 10 min. SIP 1200#. Swbd. 57 BLO (all) + 14 BAW in 12 hrs. Swbd. dry 3 hrs. Slight show of gas.
- 10-4-56 Howco. attempted to sand oil frac. perf. 1510-1530, w/10,000 gals. #2 oil + 15000# sand. Pumped oil in @ 3000#, 22 BPM. Mixed $\frac{1}{2}$ # sand per gal. When sand hit CP & TP went to 5000#. Pumped in 1 BPM, 25 bbls. in formation. Reversed out 50 bbls. oil & sand. Swbd. 63 BLO in 16 hrs. Did not recover 62 BLO + 5 BAW. Slight show of gas.
- 10-5-56 Cardinal acidized perf. 1510-1530, w/4000 gals. 15% regular XLST. TP 2400-1500#, $3\frac{1}{2}$ BPM. Swbd. 112 BLO + 101 BAW in 41 hrs. Fair show of gas.
- 10-6-56 Howco. Re-Sand oil frac. perf. 1510-1530, w/10,000 gals. + 10,000# sand. CP 2200-1800#, 5 min. SIP 1000#. Flowed 132 BLO in 8 hrs., 12/64" choke, TP 750#. Swbd. & Flowed 129 BLO in 24 hrs., no gas. Swbd. 14 BLO in 8 hrs., no gas. Did not recover 136 BLO.
- 10-10-56 Cardinal acidized perf. 1202-1220, w/1000 gals. 15% LST. TP 375-Vac., 10 mins., 2.4 BPM. Swbd. 7 BLO + 24 BAW + 220 BFW in 12 hrs. No gas. 20 BLH, S/O 100% water. Did not recover 40 BLO.

