

LLEDGE

200 West 25th Street  
Farmington, New Mexico 87401  
(505) 327-9267  
(505) 325-1873 (Car 851)

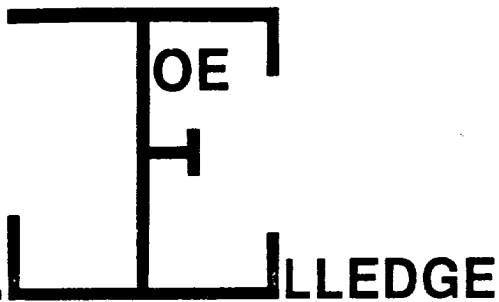
**OIL and GAS PROPERTY MANAGEMENT**

February 4, 1981

Cotton Petroleum Corporation  
Apache #25  
Chacra and Pictured Cliff Commingled  
Rio Arriba, New Mexico

- 1-27-81: Opened commingled well to atmosphere for 24 hours. Rig up 2"
- 1-28-81: tested with a  $1\frac{1}{4}$ " orifice plate and record flow volumes for last 3 hours of test. FTP= 36psi, FCP= 164 psi. Average meter pressure = 7psi. Rate of flow = 653 MCF/D. Gas flow was steady with a mist of water. Shut-in to rig up Otis to install bottom hole pressure bomb. Set bomb at 3900'. 2 hour shut-in pressure = SITP=319 psi, SICP = 372 psi. When bomb on bottom at  $2\frac{1}{2}$  hours shut-in, SITP = 381psi, and SICP= 445 psi. Rig up 2 pen recorded and open well to atmosphere through  $1\frac{1}{4}$ " orifice plate. At the end of  $1\frac{1}{2}$  hour flow with bomb in hole, FTP = 58 psi, FCP = 186 psi, and rate of flow = 700 MCF/D. Well shut-in for pressure build up.
- 2-4-81: SITP = 0 psi, SICP = 851 psi. Pull bomb out of hole. All requirements on flow test to commingle P.C. and Chacra complete. 7 day shut-in requirement by the state complete. Well logged off at the end of 7 days. Opened to atmosphere and well would not unload. Test complete. All Pressures DWT.





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