

OPERATOR: Union Oil Company of California
LEASE: Maduro Unit Federal
WELL NO.: 1
POOL: Wildcat
LOCATION: 1980' FSL and 1980' FEL
Unit Letter J, Section 29,
Township 19 South, Range 33 East,
Lea County, New Mexico

DRILL STEM TESTS

- No. 1 - 11,345' to 11,400', Wolfcamp formation. Opened tool for 15 minute pre-flow, very weak blow. Shut in for 45 minute ISIP. Opened tool for 1 hour, no blow for 6 minutes, increased to weak blow. Pulled tool, recovered 1400' water blanket, 30' of gas cut and slightly oil cut water. Sample chamber contained 500 cc of oil, cut 10% water, at 525 psi, and 11.62 cu. ft. gas. 15 minute IFP 756 psi, 45 minute ISIP 3500 psi, 1 hour FFP 756 psi, 3 hour FSIP 2335 psi, IHP 5748 psi, FHP 5748 psi. Bottom hole temperature 212 deg.
- No. 2 - 12,100' to 12,425', Strawn formation. Opened tool for 30 minute pre-flow, weak blow, increasing to fair blow. Shut in for 90 minute ISIP. Opened tool for 90 minutes, 1/4" choke, fair blow, increasing to 3 psi, no gas or fluid to surface. Pulled tool, recovered 225' of drilling mud, 850' of gas cut water blanket, and 825' of gas and mud cut water blanket. Sample chamber contained 2500 cc of oil cut and slightly gas cut drilling mud. 30 minute IFP 842 psi, 90 minute ISIP 4220 psi, 5 hour and 30 minute FSIP 6167 psi, IHP 6091 psi, FHP 6157 psi. Bottom hole temperature 158 deg.