

YATES PETROLEUM CORPORATION

DRILL STEM TESTS

Dog Canyon "YF" Federal No. 1 - NM 24867  
Unit K, Sec. 15-T18S-R15E  
Otero County, New Mexico

DST #1: 5715-5800' (85') TIMES: TO 30"; SI 60"; TO 30"; SI 120". Tool opened with weak blow for 7 minutes and died. Tool re-opened with no blow. SAMPLER: 12#, trace of drilling fluid. RECOVERY: 5' drilling mud in drill pipe. PRESSURES: IHP (in) 2766; IFP 66#; FFP 66#; ISIP 94#; IFP<sub>2</sub> 66#; FFP<sub>2</sub> 66#; FSIP<sub>2</sub> 1048#; HP (out) 2766. BHT 128°.

DST #2: 6160-6220' (60') TIMES: TO 15" with weak blow, dead in 6 minutes; SI 60"; TO 15" with no blow; SI 150". SAMPLER: 8#, 2600 cc drilling mud. RECOVERY: 20' of drilling fluid. PRESSURES: HP (in) 3016; IFP 26#; FFP 39#; ISIP 1743#; IFP<sub>2</sub> 39#; FFP<sub>2</sub> 30#; FSIP 1756#; HP (out) 3016#. BHT 180°.

DST #3: 6265-6450' (185') TIMES: TO 30" with weak blow throughout; SI 60"; TO 90" with weak blow throughout; SI 180". No GTS. RECOVERY: 280' of formation water, cut drilling mud (salty). SAMPLER: could not drain on location. PRESSURES: HP (in) 3037#; IFP 22#; FFP 66#; ISIP 1719#; IFP<sub>2</sub> 44#; FFP<sub>2</sub> 155#; FSIP<sub>2</sub> 1632#; HP (out) 3037#. BHT 134°.