

YATES PETROLEUM CORPORATION

DRILL STEM TESTS

Pyro ABK State No. 1 LG-3818  
Unit B, 660 FNL & 1980 FEL  
Section 33-T13S-R33E  
Lea County, NM

DST #1 4863-4910' San Andres: TO 30"; SI 60"; TO 90"; SI 180". Opened tool with weak blow, In 5 minutes 3" in bucket (increasing). In 25 minutes 6" in bucket (stabilized). Shut in with 6" in bucket. Re-opened with weak blow 1/4" in bucket. In 15 minutes, blow increased to 5" in bucket; in 40 minutes 6" in bucket. Decreased in 56 minutes to 5" in bucket; in 180 minutes 4" blow in bucket. Closed tool. SAMPLER: 350 psi, 0 cfg, 2700 cc liquid water. BHT 109°. PRESSURES: IHP 2083-2883; IFP TSTM-121; ISIP 1761; FFP 135-324; FSIP 1777.

DST #2 8972-9024' (52'): TO 30"; SI 60"; TO 90": SI 180". Started tools in hole, hit bridge approximately 25' off bottom. Set weight. Hydrospring opened. Slid 23' to bottom. Hydrospring reopened. Slid another 2' to bottom (1/8" bubble hole 5" into water bucket). After 10 minutes had slight increase in blow (bubble hose 5-1/2"). After 25 minutes slight decrease in blow (5"). Reopened with 1-1/2" into water bucket. Stayed at 1-1/2" throughout remainder of test. RECOVERY: 380' drilling fluid. SAMPLER: 20 psi, 800 cc mud, 80 cc liquid. BHT: 134°. PRESSURES: IHP 4298; IFP TSTM-TSTM; ISIP 3328; FFP 390-298; FSIP 3148; FHP 4298.