

YATES PETROLEUM CORPORATION

DRILL STEM TESTS

Phillips "YX" State #1 LG-1539  
990 FSL & 330 FWL, Sec. 36-T15S-R36E  
Lea County, New Mexico

DST #1: 10663-10800' (137'). TIMES: TO 30"; SI 90"; TO 180"; SI 360". Tool opened with faint blow (1/8" into bucket) and increased to weak blow (1" into bucket in 5 minutes, 1-1/4" in 10 minutes, 1-1/2" in 15 minutes, 2" in 20 minutes, 2-1/4" in 25 minutes, 2-1/2" in 30 minutes). Shut in for 90 minutes. Tool opened with one good bubble, then dead for 3 minutes. Began a faint blow increasing to 1/8" into bucket in 5 minutes (1/2" in 10 minutes, 1-1/4" in 20 minutes, 2" in 30 minutes, 2-1/2" in 40 minutes, 1 oz in 45 minutes, 1-1/4 oz in 50 minutes, 4 oz in 90 minutes, 5-3/4 oz in 100 minutes). Off bottom of bucket blow 7 oz in 110 minutes, 8 oz in 120 minutes, 9 oz in 130 minutes, 9-1/2 oz in 140 minutes, 10 oz in 150 minutes, 10 oz in 160 minutes; 10-1/2 oz in 170 minutes, 10-1/2 oz in 180". RECOVERY: 309' oil and gas cut mud; 651' gas cut water; 822' gas and water cut mud. SAMPLER: 370#; 1800 cc water; 200 cc mud (heavy oil cut); 1 cfg. WATER BLANKET: 1151' fresh water. PRESSURES: IHP 5065; FHP 5065; IFP<sub>1</sub> 548; FFP<sub>1</sub> 598; ISIP 2949; IFP<sub>2</sub> 623; FF<sub>2</sub> 774; FSIP 2720.