

YATES PETROLEUM CORPORATION

DRILL STEM TESTS

Hawk "XQ" State #1 LG - 5603
Unit K, 2310 FSL & 1980 FWL
Sec. 4-T15S-R33E
Lea County, New Mexico

DST #1: 4692-4904' (213'). Times: TO 60"; SI 120"; TO 120"; SI 240". Pressures: IHP 2014/2064; IFP 23/91; FFP 57/137; ISIP 1681/1736; IFP 46/137; FFP 96/194; FSIP 1659/1725; FHP 2037/2065. Sampler: 10# pressure. Recovery: 2400 cc's drilling fluid. BHT: 112°F.

DST #2: 4935-5002' (67'). Tried to open tools on 2nd flow - failed. (12:16 AM) Opened tool with strong blow. 12:21 AM 8# pressure; 12:25 AM 13#; 12:30 AM 18#; 12:35 AM 22# - started depleting. 12:40 AM 15#; 12:45 AM 5#; 12:47 AM - well dead. TO 60"; SI 120". Reopened - tool failed. POOH with tools. Pressures: IHP 2051; IFP₁ 1997; IFP₂ 2051; ISIP 2065. Note: Based on pressures, packer seat may have leaked during test. Recovery: 4500' of fluid in drill pipe.

DST #3: 4935-5002' (67'). Time: TO 60"; SI 120"; TO 120"; SI 240". Pressures: IFP₁ 2042; FFP 2063, ISIP 2066. IFP₂ 2066; FFP 2064; FSIP 2071; IHP 2066; FHP 2058. Recovery: 4651' brinish water, Sampler: 2400 cc briny water, no pressure. BHT 103°F.

DST #4: 5280-5550' (270'). TO 60"; SI 120"; TO 120"; SI 240". Tool opened at 1:35 PM 7-9-83. Open for 1 hour with weak blow increasing to bottom of bucket. Reopened tool with weak blow. Pressures: HP 2375-2375; IFP 244-189' ISIP 2267; FFP 1970-1997; FSIP 2294. Recovery: 4086' formation water. Sampler: 2350 cc formation water, BHT 113°F.