

YATES PETROLEUM CORPORATION

DRILL STEM TESTS

Woodchuck ABW State Com - LG 3782
Unit K, 1980 FSL & 1980 FWL,
Sec. 13-T17S-R28E
Eddy County, NM

DST #1 6953-7056' (41') Lower Abo and Upper Wolfcamp: TIMES: TO 30". SI 60"; TO 90"; SI 180". Tool open with very weak blow, 1/2" on bubble hose. Pressure increasing. After 15 minutes opened on 1/4" choke with 10 psi. Pressure stabilized at 12# in 25 minutes. Closed tool and in 7 minutes had GTS. Re-opened tool with good blow, had 8' flare (12#). Pressure increasing, stabilized at 22# in 20 minutes. After 30 minutes pressure began decreasing (14#). Pressure stabilized at 6# in 1 hour. In 75 minutes pressure began increasing (14#). Pressure remained at 14# through remainder of test. Recovery: 70' oil, gas cut, 351' oil and gas cut drilling mud and 2109' of formation water. Bottom hole Sampler: 1300 psi, 1.104 cfg, 2400 cc water. BHT: 111°. Pressures: IHP 3327, IFP 708-1184, ISIP 2416, FFP 1342-1992, FSIP 2482, FHP 3327.