

DRILL STEM TESTS

Yates Petroleum Corporation
ARCO "EI" Federal No. 1
Section 13-21S-26E, Eddy Co., NM

DST #1 4464-4583' - Mis run

DST #2 4438-4583' - OP 30", SI 90", OP 60", SI 180". Op w/good blow, steady throughout. Re-Op w/good blow steady throughout. Recovered: 885' of fresh water. SMpler: - 50#, 2100 cc fresh water, no gas. Pressures: - HP 2008-1995'; IFP 159-398; FFP 318-491; ISIP 1799; FSIP 1825.

DST #3 - 10552-10610' (Atoka Limestone.) - TO 30"; SI 90"; OP 90", SI 180". OP w/very weak blow. Reop w/very blow throught 2nd period. Recovered: 465' of WC + 1716' GC fluid, net recovery 681' of GCDF&SW. Sampler: - 550#, 0.286 cfg and 2100 cc SW (49800 ppm Cl). Pressures: HP 5538-5492' IFP 739-832; ISIP 4513; FFP 836-1062; FSIP 4513. BHT 168 deg.

DST #4 - 10978-11245' (Upper Morrow) - OP 30", SI 60", OP 90", SI 180". OP w/fair blow. GTS 20". Re-op on 1/4" choke, water cushion to surface in 15". Recovered: - 1020' FW&GCDM. Sampler: - 1300 psig, 6.2 cfg, no fluid. BHT 175 deg. Pressures: - HP 5704-5663; IFP 987; 1305; ISIP 4662; FFP 1178-1093; FSIP 4641.

DST #5 11334-11554' - TO 30", SI 90", TO 90", SI 180'. Op w/weak blow increasing to fair blow. Reop w/gair blow, increasing and stabalized on 1/4" choke. Recovered - 3200' fluid (1500' WC + 1700' SW & GCDM. Sampler: - 250#, 0.15 cfg + 2200 cc salt water. Pressures: HP 5912-5871; IFP 1030-1136; ISIP 4725; FFP 1326-1835; FSIP 4725. BHT 184 deg.