

DRILL STEM TESTS

Yates Petroleum Corporation

Lucas Store "KT" State Com No. 1 - B-1111

1980' FNL & 1980' FEL of

Section 22-17S-28E, Eddy County, New Mexico

DST No. 1 - 6590-6644' - TO 30", SI 90", OP 60", SI 120". TO w/weak blow, OP 1/4" choke, no GTS. Reop on 1/4" choke small amount of gas to surface. 14# and died. Recovered: 1800' GCDF oil and formation water. 600' formation fluid, 1200' GCDF. Sampler: 1950#, 14.16 cfg, 1200 cc fluid, 300 cc oil and 900 cc water. BHT 140 deg. Pressures: HP 2929-2929; IFP 132-448; ISIP 2345; FFP 422-764; FSIP 2374.

DST No. 2 - 6693-6713' - TO 30", SI 90", OP 60", SI 150". TO w/strong blow on 1/4" choke, GTS in 14" -6# and stabilized at 19#. Reop w/strong blow. GTS immediately - 3 1/2" on 1/4" choke. Recovered: 422' GCO, 422' formation water, 1338' O&GCW. Sampler: 295#, 550 cc emulsified fluids, 191.45 cfg. BHT 142 deg. Pressures: HP 2944-2944; IFP 190-643; ISIP 2228; FFP 685-1159; FSIP 2217.

DST No. 3- 7400-7487'. TO 30", SI 90", OP 60", SI 120". TO w/good blow, no gts. Reop w/good steady blow, no gts. Recovered 100' OCM, 585' DM. Sampler 200 psi, .179 cfg, trace of oil, 1500 cc DM. BHT 118 deg. Pressures: HP 3352-3300, IFP 145-198; ISIP 2864, FFP 251-330, FSIP 2877.