

DRILL STEM TESTS

Yates Petroleum Corporation
Jackson Estate "BY" No. 9
1980' FSL & 990' FWL of Section 22-17S-25E
Eddy County, New Mexico

DST No. 1 - 7650-7719' - TO 30", SI 90", TO 60", SI 180". Tool opened w/weak blow increasing to good blow. No GTS, Reopened w/strong blow, GTS in 8 minutes. 2# on 3/8" choke. Recovered: 125' of drilling fluid and 214' of formation fluid. Sampler: 1800 psi 900 cc water, .435 cfg. BHT: 130 degrees. Pressures: HP 3426-3426; IFP 131-131; ISIP 2855; FFP 78-131; FSIP 2756.

DST No. 2 - 7801-55' - TO 30", SI 90", TO 60", SI 180". TO w/good blow and continued throughout. Reopened w/strong blow. GTS in 10 minutes, 14# on 3/8" choke. Decreased to 3# on 3/8" choke and stabilized. Recovered: 332' DF, Sampler: 1100 psi, 6.5 cfg, no fluid. BHT 132 degrees. Pressures: HP 3632-3542; IFP 108-126; ISIP 2819; FFP 144-162; FSIP 2874.

DST #3 - 8076-8295'. TO 30", SI 120", OP 75", SI 210", TO w/good blow and increased to strong blow. Reopened and GTS in 5" 25# on 3/8" choke, decreased to 11# in 3½ hours. Recovered: 668' DM. Sampler: 250 psi; .355 cfg, 400 cc mud. BHT 132 degrees. Pressures: HP 3845-3803; IFP 229-321; FSIP 3262; FFP 252-321; FSIP 3464.