

DRILL STEM TESTS

Yates Petroleum Corporation
Rio Penasco "MF" Federal #1 - NM-12833
1980' FNL & 1980' FWL of Section 11-19S-25E
Eddy County, New Mexico

DST #1 - 7540-7685' - TO 30", SI 90", TO 60", SI 180". TO w/fair blow. GTS in 5", 12# on 1/4" choke. Decreased to 10# in 15". Reopened on 1/4" choke, GTS in 10". 8# decreased to 2# in 40". Recovered 2156' G&OCDF, 2216' fluid & 60' oil and distillate. Sampler 600#, 1000 cc fluid (100 cc oil, 100 cc water and 800 cc mud). BHT 140 degrees. Pressures HP 3451-3451; IFP 235-361; ISIP 2892; FFP 541-756; FSIP 2874.

DST #2 - 7836-7707' - TO 30", SI 90", TO 60", SI 150". Open w/good blow. GTS in 5", 50# on 1/4" choke and increased to 147#. Reopened w/blow, 10# on 1/4" choke and died. Recovered 7340' of O&GCM (300' GCO & 7040' GCM). Sampler 1500 psi, .179 cfg, 2200 cc sulphur water and mud. BHT 146 degrees. Pressures HP 559-3487; IFP 1509-2512; ISIP 3000; FFP 2585-3000; FSIP 3000.