

DRILL STEM TESTS

Yates Petroleum Corporation
Ferguson "DY" Com #1 Well
Unit H 1980' FNL & 660' FEL
Section 7-18S-26E - Eddy County, New Mexico

DST No. 1 - 5410-5550' (Basal Abo). TO 30", SI 75", TO 75", SI 150".
Op w/very weak blow increasing to strong, in 19" steady. Re-op w/very weak blow, increasing very slowly, off bottom of bucket in 45:.
Recovered: 800' of sulphur water w/a trace of oil.
Pressures: HP 2418-2415; IFP 107-241; ISIP 2220; FFP 267-455; FSIP 2220.
BHT 101 deg.

DST No. 2 - 8610-8896' (Morrow) - TO 30"; SI 90"; OP 75"; SI 180".
Op w/weak blow, steady after 10". Re-op w/weak blow, steady for 10", decreased and died in 60".
Recovered: 660' of drilling mud. Sampler: Mud 50# at 8587'.
Pressures: IFP 123-123; FFP 245-286; ISIP 2000; FSIP 948 - pkr torn up. HP 4001-4001. BHT 153 deg.

DST No. 3 - 8230-8540' (Straddle Test) - TO 30", SI 90"; SI 240".
Op w/good blow. GTS 19" after 1st SI. Flowed 3½# on 1/4" choke in 1st period. Re-op GTS immediately, 19# on 1/4" choke in 10", rate 48 MCFPD, decreasing to 3½# in 90".
Recovered: - 520' GCDM. Sampler: 120#, 200 cc DM, 0.608 cfg.
Pressures: Chart at 8147' - IHP 3868 - no FHP - could not read.
IFP 136-125; FFP 109-164; ISIP 1165 increasing; FSIP 2456 increasing.
Chart at 8259' - HP 3926-3887; IFP 160-160; FFP 133-187; ISIP 1212 increasing; FSIP 2497 increasing.