

DRILL STEM TESTS

Yates Petroleum Corp. - Federal "FC" No. 1 19-20S-25E, Eddy Co., NM

DST #1 5994-6086' - TO 30", SI 90", OP 90", SI 180". Op w/strong blow, Reop, GTS immediately and stabilized to 4¼# on 3/16" choke. (Bone Springs) Recovered: Approx. 15' of oil, 743' GCSW w/sulphur smell. Sampler: - 250#, .25 cfg, 1700 cc liquid. Pressures: HP 2883-2817; IFP 106-226; ISIP 2700; FFP 239-372; FSIP 2700.

DST #2 6926-7118' (Cisco Canyon) - TO 30", SI 90", TO 120", SI 180". TO w/wk blow, increasing slightly. GTS 10" after SI. Reop, GTS immediately Est. 100 MCFPD. Recovered: - 990' G&WCDM. Sampler: - 200#, 9.918 cfg, 300 cc DM. Pressures: - HP 3258-3212; IFP 185-231; ISIP 2801; FFP 231-231; FSIP 2801.

DST #3 7608-7646' (Canyon) - Misrun.

DST #4 7608-46' Retest Canyon- TO 30"; SI 90", TO 120", SI 240". Op w/fair blow, increasing. GTS in 21" after SI. Reop. GTS immediately, increasing slowly. Recovered: - 1410' GCDM. Sampler: - 300#, 1.996 cfg, 800 cc DM. BHT 140 deg. Pressures: - HP 3578-3578; IFP 132-212; ISIP 2922, FFP 186-398; FSIP 3013.

DST #5 9386-9436 - OP 30", SI 90", OP 90", SI 180". Op w/fair blow, increasing. Reop w/fair blow. GTS immediately. TSTM, flared gas throughout 2nd open, TSTM. Recovered: - 500' DF, 3600' GCSW. Sampler: 1100#, .87 cfg, 2000 cc SW. BHT 165. Pressures: - HP 4597-4555; IFP 366-817, ISIP 3439; FFP 903-1708; FSIP 3439.

DST #6 - 9530-9580' - OP 20", SI 80", OP 90", SI 190". OP w/very weak blow, increasing. GTS 11", 95# on 1/4" choke, 173# in 20" on 1/4" choke. Reop, 85# on 1/4" choke and increased to 400# in 90" - Stabilized. Recovered: - 450' of drilling fluid and water (22500 ppm Cl). Sampler: 575#, 13.115 cfg. Pressures: HP 4672-4672#; IFP 155-323; ISIP 3852#; FFP 231-601; FSIP 3852#. BHT 166