

DRILL STEM TESTS  
State Lease # 5999

Yates Petroleum Corporation  
Dunken Dome Unit #1  
Section 7-17S-18E  
Eddy County, New Mexico

DST #1 - 2170-2210' (Yeso) - TO 30", SI 60", TO 180", SI 180".  
Open with weak blow, increasing to 2" in water. Reopened w/very weak steady blow, 1-2" in water, no gas. Recovered: 465' of Drilling mud and 620' of water. Sampler: - 150 psi, 2200 cc water, no oil or gas. Pressures: - HP 1031-1031, IFP 70-175, ISIP 735, FFP 175-421, FSIP 735. BHT 70 deg. F.

DST #2 - 3083-3266' - TO 30", SI 90", TO 60", SI 120". Op with a weak blow, steady - 9" in water. Reopened with a very weak blow, 1" in water in 15", decreasing to few bubbles (dead) in 60". Recovered: - 595' drilling mud. Sampler: - 25#, 2300 cc drilling mud, no gas. BHT 96 deg F. Pressures: - HP 1594-1568, IFP 235-353, ISIP 902, FFP 366-366, FSIP 758.

DST #3 - 3702-3790' (Wolfcamp) - TO 30", SI 60", TO 15", SI 30". Opened w/very weak blow. Reopened with no blow. Recovered: - 40' of Drilling mud. Sampler: - 0 psi, 2300 cc mud. BHT 96 deg F. Pressures: HP 1751-1751, IFP 66-79, ISIP 144, FFP 79-79, FSIP 92.

DST #4 - 4482-4640' (Lower Penn.) - TO 75", SI 30", TO 4 hrs, SI 2 hrs 15". Opened with good blow. GTS in 16", mud to surface in 18". Flowed mud and gas for 45" and then flowed salt water. 250# on 3/4" choke, 375# on 1/2" choke, depleting to 340# in 3 hours. Too much fluid, would not burn. Recovered: - 850' of salt water, 66100 ppm Cl. Sampler: - 300#, 3.6 cfg, 550 cc salt water. 69000 ppm Cl. Pressures: - HP 2079-2079, IFP 461-1051, ISIP 1236, FFP 920-970, FSIP 1130.

DST #5 - 4663-4740' (Penn.) - TO 30", SI 60", OP 10", SI 20". Opened with weak blow, decreased to no blow. Reopened and no blow. Recovered - 180' of mud. Sampler: - 0#, 2300 cc mud. BHT 118 deg. F. Pressures: - HP 2184-2184, IFP 66-92, ISIP 303, FFP 105-105, FSIP 158.

DST #6 - 5075-5151' (Montoya) - TO 30", SI 60", OP 60", SI 120". Opened with blow, off bottom of bucket in 2", steady throughout. No GTS in 2 1/4 hours. Recovered: - 40' Drilling Mud, 1800' sulphur water. Sampler: - 100#, 2200 cc sulphur water, .004 cu. ft. sulphur gas. BHT 115 deg. F. Pressures: - HP 2445-2445, IFP 236-537, ISIP 1437, FFP 563-915, FSIP 1437.

DST #7 - 5406-5522' (Ellenburger). TO 30", SI 60", TO 75", SI 120". Opened with very weak blow, 3 1/2" in water. Reopened with very weak blow 3" in water. Recovered: - 90' drilling mud + 430' of sulphur water and no gas. Sampler: - 50#, 2200 cc sulphur water, no gas. BHT 120 deg. F. Pressures: - HP 2589-2589, IFP 105-196, ISIP 1607, FFP 236-340, FSIP 1594.

DST #8 - 5770-5826' (Granite) - TO 30", SI 60", OP 60", SI 60". Opened with weak blow. Decreasing. Reopened with very weak blow and died in 35". Recovered: - 20' drilling mud. Sampler: - 0# - empty. Pressures: - HP 2760-2773, IFP 79-471, ISIP 1072, FFP 79-79, FSIP 589. BHT 130 deg. F.