

Marjohn State #1
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April 16, 1991 Shut down, waiting on seismic processing.
April 17, 1991 No further reports will be issued until directional drilling commences.
June 8, 1991 Move rig in, rigging up.
June 9, 1991 Day #1. Zia Drilling Rig #1. Picked up 1st drill collar, ran in hole @ 5:00 p.m. 6/8/91. PTD 4950', oper circ, vis 34, Wt 9.3. Rig up 12 3/4 hrs, picked up drill collar & ran in hole 6 1/2 hrs, circ mud up 4 3/4 hrs.
June 10, 1991 Day #2. PTD 5835', oper initiating directional orientation w/7 7/8" St. 411 diamond bit on 2° bent sub. Prog 5', vis 42, Wt 9.2. Drlg 6 1/2 hrs, circ 2 3/4 hrs, trip 7 3/4 hrs, make up directional tool joint 3 hrs, running wire line 2 1/2 hrs, repair rig 1 1/4 hrs, setting motor 1/4 hr.
June 11, 1991 Day #3. PTD 5908', oper drlg w/ 7/8" St 411 diamond bit w/300 motor RPM. Tool facing to N75°W, hole direction N10°W, w/2° inclination. Vis 40, Wt 9.2, diesel oil 4.5%. Drlg 23 3/4 hrs, work w/wireline 1 1/4 hrs.
June 12, 1991 Day #4. PTD 5999', oper trip in w/motor & bit #3 (7 7/8" SM F47H insert bit), prog 91'. Tool facing to N36°W, 4.1° inclination @ 5999', vis 45, Wt 9.2, diesel oil 4.5%. Drlg 14 1/4 hrs, circ 3/4 hr, lub rig 1/4 hr, trip 5 hrs, make connection & pulling wireline 1 3/4 hrs, break down & make up directional assemblies 2 hrs.
June 13, 1991 Day #5. PTD 6092', oper drlg 7'/hr, 60 SPM, 1500 PSI PP, 300 motor RPM. Hole direction N56°W, 6.4° inclination @ 6092', prog 93', vis 42, WL 8.8, Wt 9.2. Drlg 16 3/4 hrs, repair 3 3/4 hrs, trip 2 hrs, lub rig 1/4 hr, make connection 1 1/4 hrs.
June 14, 1991 Day #6. PTD 6124', oper reaming motor hole with 7 7/8" bit #4 (AT J34C), prog 32, dev 7.8° @ 6088', N72°W, vis 40, WL 10, Wt 9.5. Drlg 5 hrs, repair rig 1 1/2 hr, trip 9 hrs, lub rig 1/4 hr, rig down wireline 1 hr, break down and rig down down hole motor assemblies 1 hr, reaming 250' 6 1/4 hrs.
June 15, 1991 Day #7. PTD 6238', oper drlg 6'-7'/ hr, with ATJ44C, 50,000# BW, 3/11 JETTS, 1800 PSI, 60 SPM, 45 RPM, Prog 114', vis 40, wl 8, wt 9.6, dev survey 9.5°, N70°W, MD 6137', TVD 6134.9', ream on bottom 1 1/2 hrs, drlg 21 1/4 hrs, single shot survey 1 hr, lub rig 1/4 hr.