

Marjohn State #1  
3641' GR  
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July 1, 1991

Day #23. PTD 8281', oper trip out for packed assemblies, prog 131.

Survey #29:

MD 8150', DA 25.5', DD N78°W, CL 63', TVD 8002.7', VS 713.5', RC 383.3'N, 625.1'W, dogleg 2.72°/100'.

Survey #30:

MD 8214', DA 25.5', DD N84°W, CL 64', TVD 8060.4', VS 740.7', RC 387.6'N, 652.3'W, dogleg 4.03°/100'.

Survey #31:

MD 8246', DA 26.5', DD N87°W, CL 32', TVD 8089.2', VS 754.3', RC 388.7'N, 666.3'W, dogleg 5.16°/100'. Vis 42, WL 8, Wt 9.7. Drlg 20 1/4 hrs, making conection 3 3/4 hrs.

July 2, 1991

Day #24. PTD 8281', oper wait on overshot. Vis 43, WL 7, Wt 9.9, diesel oil 5%, bit #9, (re-ran bit #7) AT J44C 3/11 jetts. Trip 7 1/4 hrs, rig down steering tool 1/4 hr, change union on kelley hose 1/2 hr, reaming motor hole to 8050' 12 1/2 hrs, pick up 9 Jts drill pipe & tag up, stand back in derrick, lay down kelley 1 1/2 hrs, wait on overshot (4 1/2" XH pin on kelley broke, dropped drilling assemblies 262' off the KB) 2 hrs.

July 3, 1991

Day #25. PTD 8281', oper lay down bent drill pipe. Vis 42, WL 10, Wt 9.9. Repair drlg line 1 3/4 hrs, circ 1 1/2 hrs, trip 5 1/4 hrs, wait on tool 10 1/2 hrs, fishing 3 1/4 hrs, string shot back off 1 3/4 hrs.

- 1) TIH 9 Jts, 4 1/2" DP w/7 5/8"-6" OS, 6 1/8" Gr @ 262', worked fish, OS slipped 275,000#, pulled on.
- 2) TIH 9 Jts, 4 1/2" DP w/7 5/8"-6" OS, 6 1/8" Gr. OS slipped 240,000#, pulled on.
- 3) 2 runs 7 5/8" SC OS 6" Gr. Unable to engage fish neck.
- 4) TIH 7 5/8" OS 6" Gr. String shot backed off @ 1019', POH 33 Jts, DP laid down, ran back in w/4 1/2" DP. Screw back in, bottom circulated, pulled up 80' off the bottom, DP parted @ 541'.
- 5) TIH 7 5/8" OS 4 1/2" Gr, tag 504' & string shot backed off @ 649', POH.
- 6) TIH 21 Jts 4 1/2" DP, screw back in @ 649', worked w/DP 200,000# pulled on, DP parted, TOH, lay down 180 1/2 Jts DP. Top of fish @ 5776'.

July 4, 1991

Day #26. PTD 8281', oper TIH whip 7 5/8" OS 4 1/2 GR, VIS 40, WL 10, WT10, Circ 1/2 hr, Wait on Mill (WOM) 7 1/4hrs, wash 60' seal off fish 1 3/4 hrs, milling 6' 7 1/2 hrs, Wait on Order (WOO) 1 1/4hrs, trip 5 3/4 hrs.

- (1) TIH with 7 3/4" flat bottom shoe, 7 5/8" dress-off mill, wash 50' of fill (5695'-5747') and mill 6' from 5747'-5353'.
- (2) Pull out of hole mill assembly, trip in hole with 7 5/8" OS, 4 1/2" GR in.