

PEOC State 2 #1
Black River Morrow
Eddy County, New Mexico
1980' FWEL & 660' FSNG
Sec. 2, T24S, R27E
Contractor: TMBR/Sharp
PTD: 12,800'
PEOC W.I.: 43.749994
H-40, AFE No.: 570-203
w/AFE Amount: \$458,489
Spud Date: 9-13-90

12/12/12.

10-15-90 Day 32. Depth 11,725', 70% lm, 30% sh, trace cht. Made 95' last 24 hrs. MW 9.8, Vis 28, PH 10. PP 1400, strokes 108, liners 4-1/2" x 8". WOB 20-35,000#, RPM 42-48, BHA - Bit, SQ DC, IBS, 1-5" DC, IBS, 31-5" DC, L - 1051', W - 42,000#. Dev: 1-1/2 deg @ 11,650'. BGG 40 uts, TG 480 uts. Pres Oper: Drlg w/bit #10, 6-1/8" F-57, 8'/hr, jets 13/13/13.

10-16-90 Day 33. Depth 11,848', 60% lm. Made 123' last 24 hrs. MW 9.9, Vis 28, PH 10. PP 1400, strokes 108, liners 4-1/2" x 8". WOB 30-35,000#, RPM 40-42, BHA - same. Dev: 1-1/4 deg @ 11,837'. BGG 50 uts, CG 130 uts, TG 480 uts. Pres Oper: Drlg w/bit #11, 6-1/8" F-57, jets 13/13/13.

10-17-90 Day 34. Depth 12,048', 80% lm, 20% sh. Made 200' last 24 hrs. MW 9.9, Vis 30, WL 9, FC film, PH 10, Cl 159,000, %sol 1.2. PP 1400#, strokes 108, liners 4-1/2" x 8". WOB 30,000#, RPM 48, BHA - same. BGG 50 uts, CG 100 uts, Top of Morrow by samples - 11,910. Pres Oper: Drlg w/bit #11, 6-1/8" 8'/hr, jets 13/13/13.

10-18-90 Day 35. Depth 12,160', 40% lm, 30% sh, 20% ch, 10% sd. Made 112' in last 24 hrs. MW 9.8, Vis 30, WL 8.8, FC film, PH 10, Cl 135,000, %sol 1.3. PP 1400#, strokes 108, liners 4-1/2" x 8". WOB 30-35,000#, RPM 42, BHA - same. BGG 50 uts, CG 100 - 270 uts, TG 560 uts. Pres Oper: Drlg w/bit #12 @ 6'/hr, jets 13/13/13.

10-19-90 Day 36. Depth 12,232', 50% sd, 40% lm, 10% sh. Made 72' in last 24 hrs. MW 9.8, Vis 30, WL 8.8, FC film, PH 10, Cl 132,000, %sol 1.4. PP 1400#, strokes 108, liners 4-1/2" x 8". WOB 30-35,000#, RPM 42-48, BHA - same. Top of 1st Morrow sand - 12,195' - 12,200'. Drlg break - 10 min/ft, 7 min/ft, 5 min/ft. BGG 60 uts, 150 uts, 260 uts. Prep to DST 1st Morrow sand 12,195' - 12,232'. Pres Oper: PU test tools for DST #1