

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

1st SI 1 hr, ISIP 5193 psi, 2nd flow 1 hr, IFP 559 psi, FFP 848 psi. 2nd SI 3 hrs, FSIP 5203 psi. Drill Pipe Rec: 90' form wtr, Rw = .15 @ 65°F, Cl 65,000 ppm. Sample Chamber Rec - 1850 CC's wtr, Rw .15 @ 65°F, Cl 65,000 ppm. Sample Chamber Pressure: 2800 psi, Gas rec 13.75 cuft. Pit mud: Rmf .10 @ 63°F, Cl 118,000. Plug on circulating sub was out. Lost all drill pipe rec except 90' of wtr below circ sub. Pres Oper: Drlg w/bit #15 @5'/hr, jets 13/13/13.

10-27-90 Day 44. Depth 12,750', made 22' in last 24 hrs. Formation: shale. MW 9.6, Vis 39, WL 9, FC film, Cl 134,000, %sol 2. PP 1500, strokes 108, liners 4-1/2 x 8, PV 1, YP 3, BHA - same. Drlg w/bit #15 ATJ-33C, jets 13/13/13/. TD @ 10:30 AM 10/26/90 @ 12,750'. Circ & change out rig engine. Drop Totco. POOH. RU Schlumberger. Logging LDT-CNL-DLL-MSFL-GR-CAL, finished @ 6:00 AM. Pres Oper: RD Schlumberger.

10-28-90 Day 45. Depth 12,750. MW 9.6, Vis 30, WL 9, FC film, PH 10, Cl 134,000, %sol 2. PP 1500, strokes 108, liners 4-1/2 x 8, PV 1, YP 3. RD Schlumberger. Lay down Sg DC & stabilizer. TIH to 9500'. Circ & WOO. POOH & lay down 32-5" DC. TIH to 12,010 open ended. Circ & RU Halliburton. Spot 35 sxs class "H" from 12,010' to 11,860'. Lay down 40 jts DP to 10,550. Spot 35 sxs class "H" w/1% CaCl from 10,550' to 10,400. POOH w/10 stands & circ. Pres Oper: P&A.

10-29-90 Day 46. Depth 9200' PBTD. Circ @ 9200'-WOC. TIH, tag cmt @ 10,209'. POOH, LDDP to 9325'. Spot plug #3 - 35 sxs class "H" 9325-9200'. POOH w/drill pipe. PU BOP stack, weld on 7" 23# S-95 lift sub. PU 7" csg. Remove slips, tbg spool, DS adaptor, install spacer spool. ND BOP. RU R&M Wireline, Free pt 7" csg @ 6250'. Run csg jet cutter & cut csg @ 6250'. Worked pipe to 240,000#. Ran string shot @ 6250'. Worked csg free. RU csg tools. POOH & LD 7" csg. Pres Oper: P&A.