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NOV 21 1991

INITIAL REPORT

O. C. D.

ARTESIA OFFICE

PEOC State 2 #1
Black River Morrow
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

9-14-90 (Day 01) Depth 555', Sh & anhy. 555' last 24 hrs. MW 9.1, Vis 35, PH 9. PP 550, strokes 110, liners 6-1/2" x 9". WOB 40,000, RPM 120. Dev: 1-3/4° @ 332' & 1-3/4° @ 555'. Bit #1, 17-1/2", jets 13/13/13. MIRU TMBR/Sharp rig #27. Spud well at 4:30 AM 9-13-90. Drld to 555'. Circ for csg & drop TOTCO. Ran 14 jts 13-3/8", 48#, ST&C new csg. Cmt csg w/ 285 sx Pace setter lite 4% gel, 1/4# celloseal, 2% CaCl2, at 12.8 ppg & 200 sx Class C w/2% CaCl2 at 14.8 ppg. Circ 85 sx. Bump plug at 6 AM. Pres. Oper: WOC

9-15-90 Day 2. Depth 727' anhy, made 172' last 24 hrs. MW 10, Vis 28, PH 10. PP 1500, strokes 110, liner 6-1/2" x 9". WOB 25,000, RPM 70, BHA - bit, bit sub, 6-8" DC, XO, 7-7" DC, XO, 9-6" DC, W-68K, L-684'. Cut off csg, weld on head. NU 13-5/8" BOP & Hydril. TIH, test BOP & csg to 750 psi. Drld cmt plug. Pres Oper: Drlg w/bit #2, 12-1/4", HTJ 22C, jets 11/11/11.

9-16-90 Day 3. Depth 1210' anhy, made 483' last 24 hrs. MW 10, Vis 28, PH 9. PP 1500, strokes 110, liners 6-1/2" x 9". WOB 30-40,000, RPM 65, BHA - same. Dev: 2 deg @ 697', 1-1/2 deg @ 793, 1 deg @ 985'. Pres Oper: Drlg w/bit #2 12-1/4", jets 11/11/11.

9-17-90 Day 4. Depth 1750' anhy & salt. Made 540' last 24 hrs. MW 10, Vis 28, PH 10. PP 1500, strokes 110, liners 6-1/2" x 9". WOB 20-45,000, RPM 65, BHA - same. Dev: 1-1/2 deg @ 1234', 1 deg @ 1356' & 1-3/4 deg @ 1605'. Pres Oper: Drlg w/bit #2 12-1/4", jets 11/11/11.

9-18-90 Day 5. Depth 2,264' lm, salt, anhy. Made 514' last 24 hrs. MW 10.2, Vis 29, PH 10. PP 1500, strokes 110, liners 6-1/2" x 9". WOB 15-45,000, RPM 65, BHA - same. Dev: 2° @ 1732', 1-3/4° @ 1808', 2° @ 1939', 2-1/4° @ 2028', 2-1/2° @ 2132', 2-1/4° @ 2220'. Bit # 2, 12-1/4", jets 11/11/11. Condition hole and prepare to run 9-5/8" surface casing. Pres Oper: LD DC.

9-19-90 Day 6. Depth 2264'. Made 0' last 24 hrs. MW 8.5, Vis 28, PH 10. PF 1000, strokes 110, liners 6-1/2" x 9". WOB 25,000, RPM 70, BHA - bit, bit sub, 1 8-3/4" SQ DC, XO, 7 7" DC, XO, 23 6" DC. Bit #3, 8-3/4", ATJ-33C, jets 11/11/11. RU csg crew. Ran 53 jts 9-5/8", 36#, K-55, ST&C new csg (2266'). Circ for cmt. Cmt'd w/700 sx Pacesetter Lite w/6% gel & 2% CaCl2 @ 12.4 ppg, followed by 250 sx class "C" @ 14.8 ppg. BP @ 11:15 AM 9-18-90 with 1000 psi. Set slips, cut off & install "B" section. NU BOP. Tst