

GWDC #4 BORDAGES

- 1-17-80 Day 5. Depth 3415'. Progress 245'. Drilling. Lime. Mud Prop: Wt. 10.2, Visc. 34, W/L 9, W/C 2/32, pH 8.0. Dev: -0-. Bit No. 4, 7 7/8", HTC, J-44, depth in 2952', Footage 463'. WOB 40,000# @ 55rpm, PP 1400psi @ 62spm. 130 sacks C-Mud, 56 sacks starch, 12 sacks Brinegel, 9 sacks soda ash. Drilling 23½ hrs., Jet pits 3/4 hr. Cum Cost \$53,649.41
- 1-18-80 Day 6. Depth 3625', Progress 210', Drilling, Lime. MP Wt. 10.2, Visc. 35, W/L 7.5, W/C 1/32, pH 6.5. Dev. 3/4° @ 3417'. Bit No. 4, 7 7/8" HTC, J44, depth in 2952', Footage 673'. WOB 40,000# @ 55rpm, PP 1400#psi @ 62spm. Drilling 7-10 hours. Drilling 32½ hrs, slope tests 3/4hr. Cum Costs \$56,305.91
- 1-19-80 Day 7. Depth 3875', Progress 250', Drilling, Lime. Mut Prop. Wt. 10.1, Visc 35, W/L 9.6, W/C 2/32, pH 6.8. Dev. -0-. Bit No. 4, 7 7/8", HTC, J-44, depth in 2952', Footage 923'. WOB 40,000# @ 55rpm, PP 1400psi @ 62spm. 15 sacks starch, 7 sacks C-Mud, 2-Brine Gel, Fenced 3 sides af reserve. Drilling 23½ hrs., Clean shale pit ½ hr. Cum. Costs 59,467.41.
- 1-20-80 Day 8. Depth 3950', Progress 75', Rig Released, Lime, Mud Prop. Wt. 10, visc. 36, W/L 9.0, W/C 1/32, pH 6.8. Dev. 3/4° @ 3880', 3/4° @ 3950'. Bit No. 4, 7 7/8", HTC, J-44, depth in 3952', out 3950', Footage 998'. WOB 40,000# @ 55rpm, PP 1400psi @ 62spm. TD at 11:30AM MST 1-19-80. Ran 95 jts, 4½" J-55 10.5# R-3, ST&C U.S. Steel casg. 3941.33' set at 3950.33'. Cemented. 500 gals. mudflush, followed with 600 sacks class "C" at 14.8# 1 gal. bumped plug with 1000psi, 500psi over pumping pressure; plug down at 1:15AM MST-1-20-80. Plug held OK. Called USGS, Winnie O. Kelly, did not witness. Set slips-N.D. BOP and released at 5:00AM-MST-1-20-80. 10 jts. rough coat on bottom-415.74' with 28 cable wipers at 15' spacing. Baker guide shoe and automatic fill collar-11centralizers-2 cement baskets-joints 12 and 13 from bottom of string. Drilling 5 hrs., slope tests 3/4 hr., trip 5 hrs., change BOP rams 1 hr., Nipple down BOP 3¼ hrs., running casing 3½ hrs, cementing 2 hrs., circulating 2½ hrs. Cum. Costs 65,637.00
- 1-21-80 Depth 3950TD, Rigging down rig. Ran temperature survey. Top cement at 2210'. Got TD inside casing at 3875'. Cum. Costs \$835,61
- 1-22-80 Day 10. Welded on slip collar. Finished fencing pits. Rig moved out.
- 1-23-80 No Report. Cum. cost \$87,289.44.
DROP FROM REPORT WO COMPLETION.
- 1-26-80 No Report. Cum. cost \$88,180.47.
- 1-27-80 Set dead men.
- 1-28-80 SD f/Sunday.
- 1-29-80 RUPU & reverse Unit. Ran 3-3/4" bit & 4, 3-1/8" DC on 2-3/8" tbg. Tagged plug @ 3904'. Drld plug, float & 41' cement to shoe to 3948'. Circ hole clean, tested csg to 1560# f/30", lost 10# to 1550#. LD 2 jts tbg & SD.