

Sum

10/8/83:

Day #10. Present operation: Drilling. Depth today: 7010'. 24 hour footage: 316'. Formation: Sand and shale. Drill collars: 21. Size: 6". Bore: 2 1/4". Weight: 50,000#. Rotary RPM: 60. Weight on bit: 38,000#. Present drilling rate: 21 ft/hr. Pump - liner size: 5 1/2". Pressure: 1,000#. Strokes per minute: 54. Mud - viscosity: 46. Weight: 9.4. Water loss: 8. 6% LCM. Deviation record: 1° at 6694'. Bit #5: 7 7/8", F2, 2070', 89 1/4 hours. Bit #6: 7 7/8", F2, 416', 17 1/2 hours.

6 1/4 hours	Trip
1/4 hour	Wash 45' to bottom
17 1/2 hours	Drilling

10/9/83:

Day #11. Present operation: Drilling. Depth today: 7420'. 24 hour footage: 410'. Formation: Sand and shale. Drill collars: 21. Size: 6". Bore: 2 1/4". Weight: 50,000#. Rotary RPM: 60. Weight on bit: 38,000#. Present drilling rate: 12 ft/hr. Pump - liner size: 5 1/2". Pressure: 1,000#. Strokes per minute: 55. Mud - viscosity: 46. Weight: 9.3. Water loss: 7. Deviation record: 1° at 7193'. Bit #6: 7 7/8", F2, 722', 40 1/4 hours.

1/4 hour	Rig survey and check BOP
1/2 hour	Survey
22 1/4 hours	Drilling
1 hour	Work on rig repair

10/10/83:

Day #12: Present operation: Logging with Schlumberger. Depth today: 7610' T.D. 24 hour footage: 190'. Formation: Burro Canyon. Drill collars: 21. Size: 6". Bore: 2 1/4". Weight: 50,000#. Rotary RPM: 60. Weight on bit: 38,000#. Present drilling rate: none. Pump - liner size: 5 1/2". Pressure: 1,000#. Strokes per minute: 56. Mud - viscosity: 80. Weight: 9.4. Water loss: 6. Carrying 8% LCM. Mud-additives: 85 LCM, 95 gel, 3 soda ash, 6 thinner, 1 caustic soda, 1 preservative. Deviation record: 1/4° at 7610' T.D. Bit #6: 7 7/8", F2, 906', 51 hours.

11 3/4 hours	Drilling
1/4 hour	Rig service
3 1/2 hours	Circulate for logs
1 1/4 hours	Short trip
4 hours	Survey and trip for logs
3 1/4 hours	Rig up loggers and log with Schlumberger

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Day #13. Present operation: Nippling down. Depth today: 7610' T.D. 24 hour footage: (same). Ran 194 joints plus a short joint of 4½", 11.6 lb/ft, N-80 casing, set @ 7610' KB. Guide shoe @ 7609'. Float collar @ 7579'. D.V. tool @ 3208'. Cement baskets @ 7105', 6868', 5214', 4978', 4664', 2618'. First stage: pumped 20 bbls. Flo-chek 21. Cemented first stage with 1260 sxs. (1802 CF) 50/50 pozmix, 2% gel, 6½ lb/sk Gilsonite, 6 lb/sk salt. Plug down @ 9:55 P.M. Opened D.V. tool. Circulated upper stage 3 hours. 2nd stage: pumped 20 bbls. mud flush. Cemented 2nd stage with 430 sxs. (1002 CF) 65/35 pozmix, 12% gel, 6½ lb/sk Gilsonite. Tailed in with 50 sxs. (59 CF) Class B neat. Plug down at 1:51 A.M. on 10/11/83. Circulated 5 bbls. cement to surface.

2 hours	Log with Schlumberger
2 hours	Trip in
5 1/2 hours	Lay down drill pipe and drill collars
4 hours	Run 4 1/2" casing
1 hour	Rig up Halliburton and circulate
1 1/2 hour	Cement first stage
3 hours	Open D.V. tool and circulate
1 hour	Cement second stage
2 hours	Pick up BOP
2 hours	Nipple down

Rig released at 6:00 A.M. 10/11/83.

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10/12/83