

*✓ M<sup>th</sup> 10/11/90*

Spud well at 4:30 PM 9-13-90.

Ran 14 jts 13-3/8", 48#, 8rd, H-40, ST&C casing @ 567' on 9-14-90. Cemented with 285 sacks Pacesetter Lite with 4% gel, 1/4# celloseal, 2% CaCl<sub>2</sub>; followed by 200 sacks class "C" with 2% CaCl<sub>2</sub>. Total - 485 sacks. Circulated 85 sacks to surface. Bump plug at 6:00 AM 9-14-90. WOC - 13-1/2 hrs. Test BOP and casing to  $\pm 750$  psi.

Ran 53 jts 9-5/8", 36#, 8rd, K-55, ST&C casing at 2264' on 9-18-90. Cemented with 700 sacks Pacesetter Lite with 6% gel and 2% CaCl<sub>2</sub>; followed by 250 sacks class "C" neat. Total - 950 sacks. Circulated 151 sacks to surface. Bump plug at 11:15 AM 9-18-90. WOC - 11 hrs. Test BOP to 1500 psi.

Ran 246 jts 7", 23#, 8rd, USS-95, LT&C casing at 10,500' on 10-7-90. Cemented with 250 sacks Pacesetter Lite with 6% gel, 10% salt, .7% CF-14; followed by 250 sacks class "H" with 10% salt, .7% CF-14. Total - 500 sacks. Cement was not circulated to surface. Bump plug at 5:00 AM 10-7-90. WOC - 24 hrs. Test spool to 3000 psi. Test rams and choke manifold to 5000 psi. Test Hydril to 3000 psi. Test casing to 2800 psi.