

OM 23c-11-65 Well History

August 10, 2005 – Mix mud and spud well with 12 1/4" bit. Minor loss of circulation at 90' to 200'. Significant losses from 200' to 370'. Drill from 370' to 471', still losing circulation. Mix pills, circulate and wait on hole to heal. Mud weight = 8.6, Viscosity = 90.

August 11, 2005 – Mix pills, circulate and wait on hole to heal. Trip in hole. Hit three bridges from 200' to 370'. Ream out bridges. Trip to bottom and 4 feet of fill. Circulate on bottom. Full returns then loss of circulation. Round trip. Hole clean, no fill. Mix and pump LCM/mud pills. Unable to regain circulation. Trip out of hole and wait on Halliburton. Mud weight = 8.6, Viscosity = 90.

August 12, 2005 – Wait on Halliburton. Dummy trip. Hole in good shape, no fill. Fluid level sitting at 100'. Wait on Halliburton. Rig up and run 11 jts, 8 5/8", 36#, J-55 casing to 468'. Conduct safety and procedure meeting. RIH with stab in tool on drill pipe. Space out drill pipe. Rig up head. Wait on Halliburton cementers. Rig up Halliburton and cement casing with 160 sx of type III cement. Land casing at 468'. Had mud returns but no cement to surface. WOC.

August 13, 2005 – Conduct safety meeting. Wait on cement. Run 1" pipe down annulus and tag at 110'. Mix and pump 40 sx Portland C type III cement. WOC. Run 1" pipe to 79'. Mix and pump 50 sx Portland C type III cement. Good cement returns to surface. WOC. Cut off conductor and weld on casing bowl. Test wellhead to 750 psi. Nipple up BOPE.

August 14, 2005 – Safety meeting. Nipple up BOPE. Test blind rams, casing, weld, and casing bowl. Make up 7 5/8" bit and trip in hole. Tested BOPE as per regulation. Drill out 8 5/8" casing shoe and new hole to 531'. Trip out of hole and pick up directional tools. Survey at shoe = 1.13 degrees. Drill straight hole to 1028'. Start building hole angle at 1028'. Mud weight = 8.7, Viscosity = 43.

August 15, 2005 – Drill 7 5/8" hole to 2238' as per directional program. Change shaker screen. Hole angle 7.85 degrees @ 1200' MD. Hole angle 17.7 degrees @ 1480' MD. Hole angle 23 degrees @ 2194' MD. Mud weight = 8.9, Viscosity = 45.

August 16, 2005 – Directionally drilling to 2516. Bit stopped drilling. Trip out and replace with new bit. Trip in hole. Safety ream from 2424' to 2516'. Drilling ahead to 2903'. Hole angle 18 degrees @ 2533' MD. Hole angle 15.1 degrees @ 2874' MD. Mud weight = 8.9, Viscosity = 38.

August 17, 2005 – Directionally drill 7 5/8" hole to 3076'. Circulate up bottom hole sample. Drill from 3076' to 3108' (TD). Circulate and trip out and lay down directional tools. Drilling break and loss of circulation at 2937'. Hole angle 15 degrees @ 3108' MD. Wait on Halliburton Logging unit. Mud weight = 8.9, Viscosity = 38.

August 18, 2005 – Trip in hole with bit. Hit one bridge at 2937'. Reamed out bridge. Circulate at reduced rate wait on loggers. Mud weight = 8.7, Viscosity = 38.

August 19, 2005 – Wait on loggers. 10 std wiper trip. Circulate hole at reduced rate. Trip out of hole. Rig up Halliburton and log well as per program. Mud weight = 8.7, Viscosity = 38.

August 20, 2005 – Logging with Halliburton. Trip in hole with drill string. Clean out 25' of fill on bottom. Circulate and condition mud and hole for casing. Trip out of hole and lay down drill pipe. Break Kelly and subs. Rig up and run 5 1/2", 15.5/17.0#, J-55, LT & C to 3102'. Mud weight = 8.7, Viscosity = 38.

August 21, 2005 – Circulate and wait on Halliburton cementers. Rig up Halliburton and cement casing with lead slurry of 200 sx type III mixed with 2% Calseal + 2% CaCl₂ + 5.2#/sx salt + .3% Versaset + 5#/sx gilsonite + 5% microbond. Tail in 300 sx mixed with 1.16#/sx KCl + 10% microbond + .3% 344 + .6% CFR + .5 D-Air. Partial returns. No cement to surface. Nipple down BOPE. Set slips and cut casing. Install tubing hanger and test to 850 psi. Secure well and release drilling rig.

August 29, 2005 – Safety meeting. Rig up Schlumberger and run CBL, GR, and CCL logs. Rig up and perforate with 3.125" HEGS using DP charges, 4 SPF. Perforate well 2712' to 2752' and 2930' to 2970'. Rig down Schlumberger. Rig up and run two strings of 2 1/16", J-55, 3.25# IJ tubing. Deep string landed with packer at 2867'. Short string landed at 1585'. All measurements from KB. Install dual completion tree. Release rig.