



Test No	Depth MD RKB (m)	Depth TVDSS (m)	Initial Hydrostatic Pressure (PSIA)	Drawdown pressure (PSIA)	Drawdown time (Secs)	Formation Pressure (PSIA)	Final Hydrostatic Pressure (PSIA)	Temp °(C)	Remarks/Permability
# 1	3469.5	3446.0	7481.8	-	-			112.0	Tight - Move down 0.4m
# 2	3469.9	3446.4	7483.1	4030.0	-	7311.6	7481.2	114.0	Formation Pressure not stable super charged
# 3	3472.0	3448.5	7488.5	6000.0	-	7310.1	7485.6	114.3	Good Permeability
# 4	3478.0	3454.5	7500.3	7260.0		7318.9	7498.5	114.6	Very Good Permeability
#	3483.6	3460.1	7512.2	7305.0		7327.1	7510.0	114.9	Very Good Permeability
# 6	3485.0	3461.5	7513.0	7206.0		7329.4	-	115.2	Very Good Permeability (Hydrostatic not Taken)
# 7	3576.5	3552.3	7702.8	6983.0		6988.7	7701.4	116.6	Very Good Permeability
# 8	3583.5	3559.0	7719.5	6910.0		6998.7	7717.5	117.4	Very Good Permeability
# 9	3591.5	3567.0	7736.7	6880.0		7010.6	7733.0	118.2	Good Permeability
# 10	3602.0	3578.3	7757.5	6957.0		7025.5	7755.5	118.8	Very Good Permeability
# 11	3478.0	3454.5	7501.5	6980.0		7319.3	7500.2	115.4	Sample: Taken 3 Segregated Samples, 2 3/4Gal, 1 Gal, & 1 Gal
									Samples Chamber No 1 -2 3/4 Gallon. Open Chamber: 06:47 hrs Close Chamber: 06:52 hrs
									Samples Chamber No 2 -2 3/4 Gallon. Open Chamber: 06:57 hrs. Close Chamber: 07:01 hrs
									Samples Chamber No 3 -1 Gallon. Open Chamber: 07:03 hrs. Close Chamber: 07:07 hrs

B1.7 Mud Summary

36" conductor hole	Sea water/Bentonite Hi-Vis pills as required 1.25 SG Hi-Vis mud left in hole for casing run
17.1/2" surface hole	Sea water/Bentonite Hi-Vis pills as required 1.30 SG Hi-Vis mud left in hole for casing run
12.1/4" intermediate hole	Barasilc (Sodium Silicate) Mud (1.30 - 1.52 SG)
8.1/2" intermediate hole	Barasilc (Sodium Silicate) Mud (1.52 - 1.53 SG)
6" production hole	Barasilc (Sodium Silicate) Mud (1.55 - 1.53 SG) Let Sodium Silicate concentration deplete naturally

Well 3/7-6 marked the first use of the Barasilc Mud System by NSEP. The mud system consists of soluble silicates and Kcl - Polymer based fluid.

The Barasilc system demonstrated excellent shale inhibition, leading to gauge hole and minimal drag and overpulls on trips. The cuttings integrity meant that low gravity solid build up was much reduced.

Based on the above and the total mud costs for the well, the Barasilc system was deemed to be very cost effective.