

September 10,2001

RE: Sundry notice of cement slurries pumped on GCU 553 well.

Due to product availability BP America will modify the production casing cementing program on the GCU 553 well. Below is a detailed list of the production casing slurry to be pumped and the properties associated with the slurry.

GCU 553

Blend Description: D961/D124 (55.31/44.7 BVOB-Litecrete Cement) + 0.66% D65 (Dispersant) + 0.025 gal/sk D047 (Anti-foamer)

Vol. Pumped: 37 bbls pumped(130 sks – 40% excess over gauge hole) – CEMENT VOLUME WILL BE ENOUGH THAT RETURNS WILL BE TAKEN TO THE SURFACE. IF CEMENT DOES NOT CIRCULATE, A TOP JOB WILL BE PERFORMED.

Slurry Density : 12.5 ppg Litecrete

Yield : 1.61 cu. ft./sk

Mix Water : 6.006 gals/sk

Test Results - Test done @ 110F BHST and 95F BHCT

Thickening Time - 3 hr 30 min (70 Bc)

Compressive Strength : 1250 psi (24 hr), 1962 psi (48hr)

API Fluid Loss: 201 ml

Free Water: 0 ml

If these products are not available the following slurry will be pumped:

Blend Description: D961/D124 (26.63/73.37 BVOB-Litecrete Cement) + 0.5% D112 (Fluid Loss) + 0.11% D65 (Dispersant) + 0.03 gal/sk D047 (Anti-foamer)

Vol. Pumped: 37 bbls pumped(85 sks)

Slurry Density : 9.5 ppg Litecrete

Yield : 2.52 cu. ft./sk

Mix Water : 9.38 gals/sk

Test Results - Test done @ 110F BHST and 94F BHCT

Thickening Time - 5 hr 52 min (70 Bc)

Compressive Strength : 650 psi (24 hr), 1094 psi (48hr)

API Fluid Loss: 244 ml

Free Water: 0 ml

If you have any questions please feel free to contact me.

Sincerely,

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Drilling Engineer
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