



02617646

# RACS, llc

## Cement Operation Sheet

Date 2-20-2011 Reason for cementing Surface CasingType or Style of Cement operation (tremme, pressure or air-mail) Pressure/circulationHole # or Location DCSWDHole Depth 230' Hole Diameter 14"Top Basket or Annular Depth 200'Casing Depth 200' Casing Diameter 10.75" STC J55Cement Type Class G Qty. 175 Sks Water Qty. 875Total mixed fluid volume 201 Cu.Ft.Additive (type & quantity or %) CACL / 500 lbs. / 3%

Additive (type &amp; quantity or %) \_\_\_\_\_

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Tested Slurry weight 15.8 .lbs/gal. Time of Test 7:00 PMSample cup 1 Time: 7:10 PM Set Time: 4:00 A.M

Sample cup \_\_\_\_\_ Time: \_\_\_\_\_ Set Time: \_\_\_\_\_

Sample cup \_\_\_\_\_ Time: \_\_\_\_\_ Set Time: \_\_\_\_\_

Theoretic height gain down hole To surfaceTag Depth 175' ID Time 7:00 A.M.Operator Edward Scartezina Operator Jason McKinney Operator Joshua Brown

Notes nipple up cement head & loaded with RTJP. nipped up trucks.  
Circulated 40 barrels of water, Mixed and pumped 175 sacks of Class G cement mixed to  
15.8 .lbs/gal. dropped plug & chased with 17 barrels water, cement to surface, shut-in for 8 hours.  
re-entered well and tagged TOC @ 175'. Ran BOP Test; passed, continued drilling.