



Andrews, David

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**From:** GJRig02@oxy.com  
**Sent:** Saturday, March 10, 2012 7:17 AM  
**To:** Andrews, David; Simon\_Benevides@oxy.com; Nikolai\_Amortegui@oxy.com  
**Subject:** OXY/H&P353/CC-697-08-04B/CC-697-08A PAD REVISED SURFACE CEMENT REPORT

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged 045-20968

OFFLINE CEMENTING: TESTED LINES TO 3000 PSI. GOOD TEST.

CEMENTED 9.625", 36#, J-55, LTC CASING SET @ 2677'. PUMPED 10 BBLS FRESH WATER; 20 BBLS GEL SPACER; & 10 BBLS FRESH WATER.

CEMENTED W/ 1062 SKS LEAD 440.7 BBL, 12.3 PPG, 2.33 YIELD VERSACEM @ 6 BPM. & 160 SKS TAIL 59 BBL, 12.8 PPG, 2.07 YIELD, VERSACEM. 50% EXCESS ON BOTH.

OBSERVED NO RETURNS DURING THE CEMENT JOB. TOTAL CMT TO SURFACE WAS 0 BBLS. SLOWED RATE TO 2 BPM AT 181 BBLS INTO DISPLACEMENT.

DISPLACED CEMENT W/ 201.3 BBLS FRESH WATER @ 8 BPM. SLOWED RATE TO 2 BPM FOR THE LAST 20 BBLS OF DISPLACEMENT AND OBSERVED A LIFT PRESSURE OF 325 PSI. BUMPED PLUG TO 825 PSI. HELD PRESSURE FOR 5 MIN. RELEASE PRESSURE FLOATS HELD.

PRESSURE TESTED CSG TO 1,500 PSI F/ 30 MIN.  
TEST PASSED.

WASH OUT PARASITE LINE WITH 10 BBLS. OF SUGER WATER; MAX PSI. 560 PSI AFTER RETURNS.

TOP OUT WITH 151.5SKS (35.5 BBLS)  
HALCEM MIXED @ 12.5 PPG, 1.97 CU FT/SX & 10.96 GAL WATER PER SACK.  
6 BBLS TO SURFACE.

AFTER 3 HRS CMT DROPPED 12'.

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