



02055369

Andrews, David

**From:** GJRig01@oxy.com  
**Sent:** Sunday, December 25, 2011 12:06 PM  
**To:** Andrews, David  
**Cc:** Simon\_Benevides@oxy.com  
**Subject:** OXY / H&P 330 / 697-04D PAD / CC 697-09-12 / SURFACE CEMENT SUMMARY

02A

WELL : CC697-09-02A  
API : 050452071200  
CASING DEPTH : 2160'

D.A.

TESTED LINES TO 2500 PSI. GOOD TEST  
CEMENTED 9.625" 36LLB/FT J-55 LTC CASING AS FOLLOWS:  
PUMPED 20 BBLS FRESH WATER; 20 BBLS OF GEL SPACER; 20 BBLS OF FRESH WATER.  
CEMENTED 9.625" SURFACE CASING WITH:  
1070 SACKS OF LEAD - 444 BBLS OF 12.3 PPG - 2.33 CU. FT/SK VERSACEM LEAD AT 6.5 BPM 170 SACKS OF  
TAIL - 62.7 BBLS OF 12.8 PPG - 2.07 CU. FT/SK VERSACEM TAIL AT 6 BPM.  
95% EXCESS ON LEAD AND 60% ESCCESS ON TAIL.  
HAD NO RETURNS THROUGHOUT ENTIRE CEMENT JOB DROPPED PLUG AND DISPLACED WITH 160.2 BBLS  
FRESH WATER AT 6 BPM OBSERVED 115 PSI LIFT PRESSURE AT 6 BPM SLOWED RATE TO 2 BPM AT 150 BBLS  
INTO DISPLACEMENT AND OBSERVED 50 PSI LIFT PRESSURE.  
BUMPED PLUG WITH 663 PSI. PLUG DOWN AT 12:30 HOURS (12/24/2011). HELD FOR FIVE MINUTES.  
BLED PRESSURE TO ZERO AND CHECKED FLOATS. FLOATS HELD.  
HAD NO RETURNS WHILE PUMPING ENTIRE DISPLACEMENT TESTED CASING TO 1500 PSI HELD FOR 30  
MINUTES. TEST PASSED.  
FLUSHED PARASITE LINE WITH 10 BBLS SUGAR WATER - HAD RETURNS AFTER 4 BBLS.

ESTIMATED TOC AT: 1905'.

14:30 HOURS - 23:59 HOURS (12/24/2011)  
PERFORMED TOP OUT WITH 1233 SACKS - 434 BBLS OF 12.5 PPG TOP OUT BLEND CEMENT. 5 BBLS  
CEMENT RETURNED TO SURFACE.

Thanks & Regards

Jeff Gill / Victor Benavides  
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