



**Andrews, David**

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**From:** GJRig01@oxy.com  
**Sent:** Sunday, May 01, 2011 6:36 PM  
**To:** Andrews, David  
**Cc:** Brad\_Ahlquist@Oxy.com; Nicolas\_Carestia@oxy.com; Linda\_Kuether@oxy.com; Daniel\_Padilla@oxy.com; Joan\_Proulx@oxy.com; Simon\_Benevides@oxy.com; Paul\_Townsend@oxy.com; Victor\_Guerra@oxy.com  
**Subject:** OXY/H&P330/CC 697-09-29B/CC 609-33 PAD/ CEMENT SUMMARY

TESTED LINES TO 2500 PSI.  
PUMPED 20 BBLS FRESH WATER - 20 BBLS OF GEL SPACER - 20 BBLS OF FRESH WATER.

CEMENTED 9.625" SURFACE CASING WITH:

840 SACKS OF LEAD - 349 BBLS OF 12.3 PPG - 2.33 CU. FT/SK VERSACEM LEAD AT 7 BPM.  
170 SACKS OF TAIL - 63 BBLS OF 12.8 PPG - 2.07 CU. FT/SK VERSACEM TAIL AT 6 BPM.  
20% EXCESS ON LEAD --- 50% EXCESS ON TAIL.  
OBSERVED PARTIAL TO FULL RETURNS WHILE PUMPING LEAD AND TAIL CEMENT.  
DROPPED PLUG AND DISPLACED WITH 206 BBLS FRESH WATER AT 6 BPM WITH 840 PSI LIFT PRESSURE.  
RECEIVED CEMENT RETURNS TO SURFACE AT 122 BBLS INTO DISPLACEMENT. SLOWED RATE TO 2 BPM AND OBSERVED 850 PSI LIFT PRESSURE.  
BUMPED PLUG WITH 1380 PSI AND HELD FOR 5 MINUTES.  
BLED PRESSURE TO ZERO AND CHECKED FLOATS. FLOATS HELD.  
OBSERVED PARTIAL RETURNS WHILE PUMPING DISPLACEMENT.  
OBSERVED ESTIMATED 74 BBLS CEMENT RETURNS TO SURFACE

FLUSHED PARASITE LINE WITH 10 BBLS SUGAR WATER - HAD RETURNS AT 6 BBLS.  
TESTED 9.625" SURFACE CASING TO 1500 PSI FOR 30 MINUTES. TEST PASSED

CHECKED DROP OF CEMENT ON 697-09-29B AT 21:00 HRS -- FELL 22'.  
PERFORMED TOP OUT CEMENT JOB ON 697-09-29B AT 21:00 HRS. 3 BBLS OF 12.5 PPG TOP OUT CEMENT WITH 0.5 BBLS CEMENT RETURNS TO SURFACE.

CHECKED DROP OF CEMENT ON 697-09-29B AT 02:30 ON 5-1-2011 -- CEMENT AT SURFACE

Marco Silva/Victor Benavides  
DSM  
H&P 330  
281-436-6424