



**Andrews, David**

---

**From:** GJRig01@oxy.com  
**Sent:** Sunday, March 04, 2012 1:28 PM  
**To:** Andrews, David  
**Subject:** OXY / H&P 330 / 697-04D PAD / CC-697-04-57B / CEMENT SUMMARY

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

API #: 050452072100  
SURFACE SETTING DEPTH: 2746'

22:00 HOURS (3-1-2012) - 01:50 HOURS (3-2-2011) PERFORMED CEMENT JOB OFF LINE AS FOLLOWS:

TESTED LINES TO 2500 PSI. GOOD TEST  
CEMENTED 9.625" 36LLB/FT J-55 LTC CASING AS FOLLOWS:  
PUMPED 10 BBLS FRESH WATER; 20 BBLS OF GEL SPACER; 10 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 BPM  
170 SACKS OF TAIL - 62.7 BBLS OF 12.8 PPG - 2.07 CU. FT/SK VERSACEM TAIL AT 6 BPM.  
50% EXCESS ON LEAD AND TAIL.  
HAD NO RETURNS THROUGHOUT ENTIRE CEMENT JOB DROPPED PLUG AND DISPLACED WITH 206 BBLS  
FRESH WATER AT 6 BPM OBSERVED 330 PSI LIFT PRESSURE AT 6 BPM SLOWED RATE TO 2 BPM AT 196 BBLS  
INTO DISPLACEMENT AND OBSERVED 200 PSI LIFT PRESSURE.  
BUMPED PLUG WITH 750 PSI. PLUG DOWN AT 00:45 HOURS (03/02/2012). 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 6 BBLS.

ESTIMATED TOC AT 650'

02:45 HOURS - 03:20 HOURS (3/2/2012)  
PERFORMED TOP OUT WITH 128 SACKS - 45 BBLS OF 12.5 PPG TOP OUT BLEND CEMENT.  
10 BBLS CEMENT RETURNED TO SURFACE

Thanks & Regards

Victor Benavides/Darryle Clark  
DSM  
H&P 330  
970-812-0018