



**Andrews, David**

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**From:** GJRig01@oxy.com  
**Sent:** Friday, October 21, 2011 10:49 PM  
**To:** Andrews, David  
**Subject:** OXY / H&P 330 / 697-08-53 PAD / 697-08-49 / CEMENT SUMMARY

API #:050452005600  
SURFACE SETTING DEPTH: 2694'

PERFORMED CEMENT JOB AS FOLLOWS:

TESTED LINES TO 3000 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:  
1050 SACKS OF LEAD - 435.7 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 6.5 BPM.  
50% EXCESS ON LEAD AND TAIL.  
GOT PARTIAL MUD RETURNS AT 410 BBLS INTO LEAD. MAINTAINED PARTIAL RETURNS FOR THE REMAINDER  
OF CEMENT JOB.  
DROPPED PLUG AND DISPLACED WITH 202.3 BBLS FRESH WATER AT 6.5 BPM OBSERVED 615 PSI LIFT  
PRESSURE AT 6.5 BPM SLOWED RATE TO 2 BPM AT 190 BBLS INTO DISPLACEMENT AND OBSERVED 420 PSI  
LIFT PRESSURE.  
BUMPED PLUG WITH 960 PSI LIFT PRESSURE AT 2 BPM. PLUG DOWN AT 20:38 HOURS (10/20/2011). HELD FOR  
FIVE MINUTES. PRESSURE LEAKED DOWN TO 420 PSI OVER 5 MINUTE DURATION.  
BLED PRESSURE TO ZERO AND CHECKED FLOATS. FLOATS HELD.  
HAD PARTIAL RETURNS WHILE PUMPING DISPLACEMENT. NO CEMENT RETURNED TO SURFACE ATTEMPTED  
TO TEST CASING TO 1500 PSI HELD FOR 30 MINUTES. PRESSURE LEAKING OFF AT RATE OF  $\pm 15$  PSI PER  
MINUTE.  
BLED PRESSURE TO 0 PSI AND ATTEMPTED TO TEST CEMENT TRUCK TO 1800 PSI. CEMENT TRUCK LEAKING.  
FLUSHED PARASITE LINE WITH 10 BBLS SUGAR WATER - HAD RETURNS AFTER 6 BBLS.

01:25 - 01:40 (10/21/2011)  
PERFORMED TOP OUT WITH 20 BBLS OF 12.5 PPG THIXOTROPIC TOP OUT BLEND CEMENT ON 10-21-2011.  
OBSERVED 9 BBLS CEMENT RETURNED TO SURFACE.

Thanks & Regards

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