



**Andrews, David**

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**From:** GJRig01@oxy.com  
**Sent:** Friday, July 15, 2011 11:58 AM  
**To:** Andrews, David  
**Cc:** Brad\_Ahlquist@Oxy.com; Nicolas\_Carestia@oxy.com; Daniel\_Padilla@oxy.com; Joan\_Proulx@oxy.com; Simon\_Benevides@oxy.com; Victor\_Guerra@oxy.com  
**Subject:** OXY / H&P 330 / 609-33 PAD / CC 697-09-46-2 / SURFACE CEMENT SUMMARY

WELL: CC697-09-46-2  
HOLE DEPTH: 2715'  
CASING SHOE DEPTH: 2695'  
API: O50452039600

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.

169 SACKS OF TAIL - 62.3 BBLS OF 12.8 PPG - 2.07 CU. FT/SK VERSACEM TAIL AT 6.5 BPM.

50% EXCESS ON LEAD AND TAIL.

HAD GOOD RETURNS THROUGH OUT THE CEMENT JOB.

DROPPED PLUG AND DISPLACED WITH 206.4 BBLS

FRESH WATER AT 6 BPM SLOWED RATE TO 2 BPM OBSERVED 600 PSI LIFT PRESSURE.

BUMPED PLUG WITH 1180 PSI HELD FOR FIVE MINUTES. BLED PRESSURE TO ZERO AND CHECKED FLOATS.

FLOATS HELD. OBSERVED 166 BBLS CEMENT AT SURFACE.

FLUSHED PARASITE LINE WITH 10 BBLS SUGAR WATER - HAD RETURNS AFTER 5.7 BBLS.

TEST CASING TO 1500 PSI HELD FOR 30 MINUTES TEST PASSED.

TOPPED OFF WITH 3BBLS TOP OFF CEMENT 1BBLS RETURNED TO SURFACE WITH NO FALL BACK.

Thanks & Regards

Marco Silva/Victor Benavides  
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