



**Andrews, David**

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**From:** GJRig02@oxy.com  
**Sent:** Sunday, April 22, 2012 2:18 PM  
**To:** Andrews, David  
**Cc:** Kellerby, Shaun; Brad\_Ahlquist@Oxy.com; Nikolai\_Amortegui@oxy.com; Amrut\_Athavale@oxy.com; Simon\_Benevides@oxy.com; Longworth, Mike; Daniel\_Padilla@oxy.com; Joan\_Proulx@oxy.com; Fei\_Wu@oxy.com  
**Subject:** OXY/H&P353/CC-697-08-02B/CC-697-08A PAD 9 5/8" CEMENT SUMMARY

9 5/8" SURFACE CASING DEPTH 2,720'.  
API # - 05-045-20961-00

OFFLINE CEMENTING: TESTED LINES TO 3,000 PSI. GOOD TEST.

CEMENTED 9.625", 36#, J-55, LTC CASING SET @ 2,720'. PUMPED 10 BBLS FRESH WATER; 20 BBLS GEL SPACER; & 10 BBLS FRESH WATER.

CEMENTED W/ 1062 SKS LEAD 444.9 BBL, 12.3 PPG, 2.15 YIELD VERSACEM @ 6 BPM. & 160 SKS TAIL 59 BBL, 12.8 PPG, 2.07 YIELD, VERSACEM. 50% EXCESS ON BOTH.

DISPLACED CEMENT W/ 206 BBLS FRESH WATER @ 6 BPM. SLOWED RATE TO 2 BPM FOR THE LAST 10 BBLS OF DISPLACEMENT AND OBSERVED A LIFT PRESSURE OF 450 PSI. BUMPED PLUG TO 950 PSI. HELD PRESSURE FOR 5 MIN. RELEASE PRESSURE FLOATS HELD. HAD .75 BBL. OF FLOW BACK.

NO RETURNS THOUGH OUT CEMENT JOB.

PRESSURE TESTED CSG TO 1500 PSI F/ 30 MIN.  
TEST PASSED.

FLUSHED PARASITE LINE W/ 10 BBLS SUGAR WATER. ( AT 5.8 BBLS OBSERVED 428 PSI @ 2 BPM PARASITE FLUSHED)

TOP OUT:  
HALCEM MIXED @ 12.5 PPG, 1.97 CU FT/SX & 10.96 GAL WATER PER SACK.  
TOP OUT WITH 424 SKS ( 149 BBLS )  
CEMENT AT TOP OF CONDUCTOR AFTER 3 HRS.

ALEX VILLEGAS / TERRY ROSSER - DSM  
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