



Andrews, David

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**From:** GJRig02@oxy.com  
**Sent:** Wednesday, November 09, 2011 5:06 AM  
**To:** Andrews, David  
**Subject:** OXY/H&P353/CC-697-05-47B/CC-697-05C PAD CEMENT NOTIFICATION

OFFLINE CEMENTING:  
TESTED LINES TO 2,500 PSI. GOOD TEST.  
CEMENTED 9.625", 36#, J-55, LTC CASING SET @ 2,689'.  
PUMPED 20 BBLS FRESH WATER; 20 BBLS GEL SPACER; & 20 BBLS FRESH WATER.

CEMENTED W/ 1060 SKS LEAD - 439.9 BBL, 12.3 PPG, 2.33 YIELD VERSACEM LEAD @ 6 BPM.  
&  
150 SKS TAIL - 55.3 BBL, 12.8 PPG, 2.07 YIELD, VERSACEM TAIL.  
50% EXCESS ON BOTH.

DISPLACING CEMENT W/ 201.9 BBLS FRESH WATER @ 6 BPM. AT 02:00 HRS.  
OBSERVED 540 PSI LIFT PRESSURE @ 6 BPM.  
SLOWED RATE TO 2 BPM FOR THE LAST 10 BBLS OF DISPLACEMENT AND OBSERVED A LIFT PRESSURE OF 380 PSI. PLUG WAS BUMPED W/ 1,123 PSI AND PRESSURE WAS HELD FOR 5 MIN BEFORE IT WAS BLED OFF. FLOATS HELD.

REGAINED RETURNS 320 BBLS INTO LEAD. MAINTAINED GOOD RETURNS BETWEEN THERE AND 25 BBLS. INTO THE TAIL. LOST RETURNS NO CEMENT TO SURFACE.

TEST CASING TO 1500 PSI FOR 30 MIN. TEST GOOD.

FLUSHED PARASITE LINE W/ 10 BBLS SUGAR WATER. LOADED 6.0 BBL, PRESSURED TO 260 PSI, EST. CIRC TO SURFACE.

TOP OUT WITH 30 BBLS OF 12.5 PPG OF TOP OUT CEMENT.  
WAITED 1.5 HRS CEMENT FELL 8' FROM WELL HEAD. TOP OUT AGAIN WITH 1 BBL. CEMENT TO SURFACE 1 BBL.

TERRY ROSSER  
OXY USA  
H&P 353  
DIRECT:281-436-6464