



Andrews, David

**From:** GJRig02@oxy.com  
**Sent:** Sunday, January 08, 2012 8:30 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; Nicolas\_Carestia@oxy.com; Daniel\_Padilla@oxy.com; Joan\_Proulx@oxy.com  
**Subject:** OXY/H&P353/CC-697-05-44/CC-697-05C PAD 9 5/8" SURFACE CEMENT SUMMARY

9 5/8" SURFACE CASING SET AT 2,705'  
API # - 05-045-20366-00

OFFLINE CEMENTING:  
TESTED LINES TO 2800 PSI. GOOD TEST.  
CEMENTED 9.625", 36#, J-55, LTC CASING SET @ 2705'.  
PUMPED 20 BBLS FRESH WATER; 20 BBLS GEL SPACER; & 20 BBLS FRESH WATER.

CEMENTED W/ 1055 SKS LEAD - 437 BBL, 12.3 PPG, 2.33 YIELD VERSACEM LEAD @ 6 BPM.  
&  
158 SKS TAIL - 158 BBL, 12.8 PPG, 2.07 YIELD, VERSACEM TAIL.  
50% EXCESS ON BOTH.

NO RETURNS SEEN WHILE PUMPING. DISPLACED CEMENT W/ 205 BBLS FRESH WATER @ 6 BPM.  
OBSERVED 430 PSI LIFT PRESSURE @ 6 BPM.  
SLOWED RATE TO 2 BPM FOR THE LAST 10 BBLS OF DISPLACEMENT AND OBSERVED A LIFT PRESSURE OF 397 PSI. PLUG DID NOT BUMP. PUMPED 1.5 BBLS OVER (HALF SHOE TRACK) AND DID NOT BUMP PLUG.  
BLED PRESSURE AND FLOATS HELD.

NO RETURNS DURING JOB.

FLUSHED PARASITE LINE W/ 10 BBLS SUGAR WATER. (210 PSI @ 2 BPM)

TOTAL TOP OUT 105 BBL CMT.  
5 BBLS CEMENT TO SURFACE.

ALEX VILLEGAS -DSM  
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H&P 353  
DIRECT:281-436-6464