



Andrews, David

From: GJRig02@oxy.com
Sent: Sunday, October 23, 2011 5:20 AM
To: Andrews, David
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Subject: OXY/H&P353/CC-697-05-20A/CC-697-05-05C PAD 9 5/8" SURFACE CEMENT SUMMARY

9 5/8" CASING DEPTH 2,695'
API # 05-045-20369-00

OFFLINE CEMENTING:
TESTED LINES TO 2500 PSI. GOOD TEST.
CEMENTED 9.625", 36#, J-55, LTC CASING SET @ 2695'.

PUMPED 20 BBLS FRESH WATER; 20 BBLS GEL SPACER; & 20 BBLS FRESH WATER.

CEMENTED W/ 1069 SKS LEAD - 443.6 BBL, 12.3 PPG, 2.33 YIELD VERSACEM LEAD @ 6 BPM.
&
177 SKS TAIL - 65.3 BBL, 12.8 PPG, 2.07 YIELD, VERSACEM TAIL.
50% EXCESS ON BOTH.

NO RETURNS SEEN WHILE PUMPING. DISPLACED CEMENT W/ 204.8 BBLS FRESH WATER @ 6 BPM.
OBSERVED 420 PSI LIFT PRESSURE @ 6 BPM.
SLOWED RATE TO 2 BPM FOR THE LAST 10 BBLS OF DISPLACEMENT AND OBSERVED A LIFT PRESSURE OF 260 PSI. PLUG WAS BUMPED W/ 760 PSI AND PRESSURE WAS HELD FOR 5 MIN BEFORE IT WAS BLED OFF.
FLOATS HELD.

NO RETURNS DURING JOB.

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

FLUSHED PARASITE LINE W/ 10 BBLS SUGAR WATER. (600 PSI @ 2 BPM)

TOTAL TOP OUT 161.5 BBL CMT.

ALEX VILLEGAS - DSM
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