



Andrews, David

From: GJRig02@oxy.com
Sent: Wednesday, April 25, 2012 2:11 PM
To: Andrews, David
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Subject: OXY/H&P353/CC-697-05-73/CC-697-08A PAD 9 5/8" CEMENT SUMMARY

9 5/8" SURFACE CASING SET 2,719'.
API # - 05-045-20955-00

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

CEMENTED 9.625", 36#, J-55, LTC CASING SET @ 2,719'. PUMPED 10 BBLS FRESH WATER; 20 BBLS GEL SPACER; & 10 BBLS FRESH WATER.

CEMENTED W/ 1162 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/ 210 BBLS FRESH WATER @ 6 BPM. SLOWED RATE TO 2 BPM FOR THE LAST 10 BBLS OF DISPLACEMENT AND OBSERVED A LIFT PRESSURE OF 370 PSI. BUMPED PLUG TO 870 PSI. HELD PRESSURE FOR 5 MIN. RELEASE PRESSURE FLOATS HELD. HAD 0.5 BBL. OF FLOW BACK.

NO RETURNS OR CEMENT TO SURFACE DURING CEMENT JOB.

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

FLUSHED PARASITE LINE W/ 10 BBLS SUGAR WATER. (AT 6 BBLS OBSERVED 500 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 108.3 SKS (38 BBLS) 3 BBLS TO SURFACE.

AFTER 2 HRS CEMENT 5" FROM TOP OF CONDUCTOR.

ALEX VILLEGAS / TERRY ROSSER - DSM
OXY USA
H&P 353

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