



Andrews, David

From: GJRig02@oxy.com
Sent: Thursday, April 19, 2012 6:04 AM
To: Andrews, David
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Subject: OXY/H&P353/CC-697-08-02A/CC-697-08A PAD 9 5/8" SURFACE CEMENT SUMMARY

9 5/8" SETTING DEPTH 2,675'
API # - 05-045-20953-00

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

CEMENTED 9.625", 36#, J-55, LTC CASING SET @ 2,675'. PUMPED 10 BBLS FRESH WATER; 20 BBLS GEL SPACER; & 10 BBLS FRESH WATER.

CEMENTED W/ 1160 SKS LEAD 444.2 BBL, 12.3 PPG, 2.15 YIELD VERSACEM @ 6 BPM. & 149 SKS TAIL 54.9 BBL, 12.8 PPG, 2.07 YIELD, VERSACEM. 50% EXCESS ON BOTH.

DISPLACED CEMENT W/ 203.1 BBLS FRESH WATER @ 6 BPM. SLOWED RATE TO 2 BPM FOR THE LAST 10 BBLS OF DISPLACEMENT AND OBSERVED A LIFT PRESSURE OF 890 PSI. BUMPED PLUG TO 1200 PSI. HELD PRESSURE FOR 5 MIN. RELEASE PRESSURE FLOATS HELD. HAD .75 BBL. OF FLOW BACK.

NO RETURNS THOUGH OUT CEMENT JOB SAW PARTIAL RETURNS 185 BBLS INTO DISPLACEMENT NO CEMENT TO SURFACE.

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

FLUSHED PARASITE LINE W/ 10 BBLS SUGAR WATER. (AT 5.6 BBLS OBSERVED 659 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 5 SKS (14 BBLS) 1 BBLS CEMENT TO SURFACE.
CMT TO SURFACE ONLY DROPPED 10" AFTER 2.5 HRS.

ALEX VILLEGAS / TERRY ROSSER - DSM
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