



Andrews, David

From: GJRig02@oxy.com
Sent: Tuesday, March 13, 2012 6:46 PM
To: Andrews, David; Simon_Benevides@oxy.com; Brad_Ahlquist@Oxy.com; Nikolai_Amortegui@oxy.com
Subject: OXY/H&P353/CC-697-08-04A/CC-697-08A PAD CEMENT REPORT

CEMENTED 9.625", 36#, J-55, LTC CASING SET @ 2,704'. PUMPED 10 BBLS FRESH WATER; 20 BBLS GEL SPACER; & 10 BBLS FRESH WATER.

CEMENTED W/ 1060 SKS LEAD 402.1 BBL, 12.3 PPG, 2.13 YIELD VERSACEM .25 lb/sk POL-E-FLAKE @ 6 BPM. & 160 SKS TAIL 59 BBL, 12.8 PPG, 2.07 YIELD, VERSACEM. 50% EXCESS ON BOTH.

DISPLACED CEMENT W/ 203.94 BBLS FRESH WATER @ 6 BPM. SLOWED RATE TO 2 BPM FOR THE LAST 10 BBLS OF DISPLACEMENT AND OBSERVED A LIFT PRESSURE OF 330 PSI. BUMPED PLUG TO 830 PSI. HELD PRESSURE FOR 5 MIN. RELEASE PRESSURE, FLOATS HELD. HAD 3/4 OF A BBL. FLOW BACK.

NO RETURNS DURING CEMENT JOB.
NO CEMENT TO SURFACE.
MUD LOSSES: 204 BBLS.
CUMULATIVE SECTION LOSSES: 1,740 BBLS.

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

WASH OUT PARASITE LINE WITH 10 BBLS. OF SUGAR WATER, MAX PSI. 617 PSI AFTER RETURNS.

ESTIMATED CEMENT FROM SURFACE: 1,154'

FIRST TOP OUT, 49 BBLS = 140 SKS. NO RETURNS.
HALCEM MIXED @ 12.5 PPG, 1.97 CU FT/SX & 10.96 GAL WATER PER SACK.
SECOND TOP OUT, 100 BBLS = 285 SKS. NO RETURNS.
HALCEM MIXED @ 12.5 PPG, 1.97 CU FT/SX & 10.96 GAL WATER PER SACK.
THIRD TOP OUT, 37.5 BBLS = 106.9 SKS. NO RETURNS.
HALCEM MIXED @ 12.5 PPG, 1.97 CU FT/SX & 10.96 GAL WATER PER SACK.
FOURTH TOP OUT, 27.5 BBLS = 78.4 SKS.
HALCEM MIXED @ 12.5 PPG, 1.97 CU FT/SX & 10.96 GAL WATER PER SACK.
4 BBLS. TO SURFACE.

AFTER 3 HRS CMT DROPPED 1'.

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