



02055390

Andrews, David

From: GJRig02@oxy.com
Sent: Monday, January 16, 2012 10:05 PM
To: Andrews, David
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Subject: OXY/H&P353/697-05-43/CC-697-05C PAD 9 5/8" SURFACE CEMENT SUMMARY

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9 5/8" SURFACE CASING SET AT 2,712'.
 API # - 05-045-20371-00
 OFFLINE CEMENTING: TESTED LINES TO 5000 PSI. GOOD TEST.

CEMENTED 9.625", 36#, J-55, LTC CASING SET @ 2712'. PUMPED 10 BBLS FRESH WATER; 20 BBLS GEL SPACER; & 10 BBLS FRESH WATER. NO RETURNS.

CEMENTED W/ 1060 SKS LEAD - 440 BBL, 12.3 PPG, 2.33 YIELD VERSACEM @ 6 BPM. 160 SKS TAIL - 59 BBL, 12.8 PPG, 2.07 YIELD, VERSACEM. 50% EXCESS ON BOTH. NO RETURNS OBSERVED WHILE PUMPING.

DISPLACED CEMENT W/ 200 BBLS FRESH WATER @ 6 BPM. OBSERVED 480 PSI LIFT PRESSURE @ 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 880 PSI. HELD FOR 5 MIN. RELEASED PRESSURE. FLOATS HELD.

PRESSURE TESTED CSG TO 1500 PSI F/ 30 MIN.

FLUSHED PARASITE LINE W/ 10 BBLS SUGAR WATER. (380 PSI @ 2 BPM) START TOP OUT JOB.

TOPPED OUT WITH A TOTAL OF 92 SACKS (32 BBLS) HALCEM MIXED @ 12.5 PPG, 1.97 CU FT/SX & 10.96 GAL WATER PER SACK. FILLED AFTER PUMPING 43 SX, (15 BBLS) HESITATED 5 MIN. FILLED WITH 6 BBLS. CONTINUED PUMPING TOP OUT @ 1/4 BPM FOR ANOTHER 11 BBLS. CMT FELL BACK 1.5' AFTER 15 MIN.

RDMO HALLIBURTON.

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