



Andrews, David

From: GJRig02@oxy.com
Sent: Monday, November 14, 2011 9:56 AM
To: Andrews, David
Cc: Simon_Benevides@oxy.com
Subject: OXY/H&P353/CC-697-05-38B/CC-697-05C PAD SURFACE CEMENTING SUMMARY.

David,

Here is the cementing summary for the CC-697-05-38B surface. (API 05-045-20365-00)

TESTED LINES TO 3000 PSI. GOOD TEST.
CEMENTED 9.625", 36#, J-55, LTC CASING SET @ 2,691'.

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

MIXED AND PUMPED 1050 SKS VERSACEM LEAD - 435 BBL, 12.3 PPG, 2.33 YIELD @ 6 BPM.

FOLLOWED BY 160 SKS VERSACEM TAIL - 59 BBL, 12.8 PPG, 2.07 YIELD.

50% EXCESS ON BOTH.

LOST RETURNS AFTER PUMPING SPACERS @ 6 BPM.
REGAINED CIRCULATION 60 BBL LEAD SLURRY PUMPED.
SPACERS @ SURFACE W/ 280 'BBLS OF LEAD PUMPED. MUD CUT CEMENT TO SURFACE W/ 320 BBLS LEAD PUMPED.
CIRCULATED 160 BBLS OF GOOD CEMENT TO SURFACE.

TOTAL BBLS OF MUD RETURNED 405 BBLS.

DROPPED WIPER PLUG AND DISPLACED CEMENT W/ 201 BBLS FRESH WATER @ 6 BPM.
WITH 190 BBLS DISPLACEMENT PUMPED OBSERVED 680 PSI LIFT PRESSURE @ 6 BPM.
SLOWED RATE TO 2 BPM FOR THE LAST 10 BBLS OF DISPLACEMENT AND OBSERVED A LIFT PRESSURE OF 530 PSI. PLUG WAS BUMPED W/ 1300 PSI AND PRESSURE WAS HELD FOR 5 MIN BEFORE IT WAS BLED OFF. FLOATS HELD.

PLUG DOWN 23:30 HRS.

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

FLUSHED PARASITE LINE W/ 10 BBLS SUGAR WATER. LOADED 4 BBL, PRESSURED TO 610 PSI, ESTABLISHED CIRC TO SURFACE.

TOPPED OUT TO SURFACE WITH 34 SKS (12 BBLS) TOP OUT CEMENT MIXED @ 12.5 PPG, 1.97 CU FT/SX & 10.96 GAL H2O/SX.

Thank you,
Jeremy Kneese

OXY USA
H&P 353
DIRECT:281-436-6464