



Andrews, David

045-20372

From: GJRig02@oxy.com
Sent: Thursday, November 10, 2011 3:39 PM
To: Andrews, David
Cc: Simon_Benevides@oxy.com
Subject: OXY/H&P353/CC-697-05-38A/CC-697-05C PAD SURFACE CEMENTING SUMMARY.

David,

Here is the cementing summary for CC-697-05-38A surface section. It was cased to a depth of 2689'.

TESTED LINES TO 2,500 PSI. GOOD TEST.
CEMENTED 9.625", 36#, J-55, LTC CASING SET @ 2,689'.
PUMPED 20 BBLS FRESH WATER; 20 BBLS GEL SPACER; & 20 BBLS FRESH WATER.

CEMENTED W/ 1060 SKS LEAD - 439.9 BBL, 12.3 PPG, 2.33 YIELD VERSACEM LEAD @ 6 BPM.
&
150 SKS TAIL - 55.3 BBL, 12.8 PPG, 2.07 YIELD, VERSACEM TAIL.
50% EXCESS ON BOTH.

DISPLACING CEMENT W/ 201.9 BBLS FRESH WATER @ 6 BPM. AT 02:00 HRS.
OBSERVED 370 PSI LIFT PRESSURE @ 6 BPM.
SLOWED RATE TO 2 BPM FOR THE LAST 10 BBLS OF DISPLACEMENT AND OBSERVED A LIFT PRESSURE OF 275 PSI. PLUG WAS BUMPED W/ 880 PSI AND PRESSURE WAS HELD FOR 5 MIN BEFORE IT WAS BLED OFF. FLOATS HELD.

NO RETURNS NO CEMENT TO SURFACE.

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

FLUSHED PARASITE LINE W/ 10 BBLS SUGAR WATER. LOADED 6.5 BBL, PRESSURED TO 266 PSI, EST. CIRC TO SURFACE.

TOP OUT WITH 75 BBLS OF 12.5 PPG OF TOP OUT CEMENT. NO CEMENT TO SURFACE, WAIT 2 HRS TO PUMP TOP OUT CEMENT AGAIN WITH 42 BBLS. TO GET CEMENT TO SURFACE.
TOP OUT AGAIN WITH 8.5 BBLS. AND 1 BBL. TO SURFACE. MAKES A TOTAL OF 120.5 BBLS. OF 12.5 WT. CEMENT.

WAIT 1.5 HRS. TOP OUT W/ 7 BBLS CEMENT. CEMENT TO SURFACE.

Thanks,
Jeremy Kneese

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