



Andrews, David

045 - 20367

From: GJRig02@oxy.com
Sent: Thursday, November 10, 2011 3:43 PM
To: Andrews, David
Subject: OXY/H&P353/CC-697-05-30A/CC-697-05C PAD SURFACE CEMENTING SUMMARY

David,

Here is the cementing summary for the CC-697-05-30A. Surface casing was landed @ 2692'.

TESTED LINES TO 2,500 PSI. GOOD TEST.
CEMENTED 9.625", 36#, J-55, LTC CASING SET @ 2,692'.
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.

SAW RETURNS AT START OF LEAD CEMENT. LOST RETURNS AT 200 BBLs INTO LEAD. SAW RETURNS BACK AT 210 BBLs INTO LEAD. LOST RETURNS AGAIN 275 BBLs INTO LEAD. SAW RETURNS AGAIN AT 360 BBLs INTO LEAD. 6 BBLs OF CEMENT TO SURFACE AT 40 BBLs INTO TAIL, AND LOST THEM AT 46 BBLs INTO THE TAIL.

TOTAL BBLs OF MUD RETURNED 317 BBLs.

DISPLACING CEMENT W/ 202 BBLs FRESH WATER @ 6 BPM. AT 10:15 HRS.
OBSERVED 615 PSI LIFT PRESSURE @ 6 BPM.
SLOWED RATE TO 2 BPM FOR THE LAST 10 BBLs OF DISPLACEMENT AND OBSERVED A LIFT PRESSURE OF 500 PSI. PLUG WAS BUMPED W/ 1030 PSI AND PRESSURE WAS HELD FOR 5 MIN BEFORE IT WAS BLED OFF. FLOATS HELD.

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

FLUSHED PARASITE LINE W/ 10 BBLs SUGAR WATER. LOADED 4 BBL, PRESSURED TO 700 PSI, EST. CIRC TO SURFACE.

TOP OUT WITH 10 BBLs OF 12.5 PPG OF TOP OUT CEMENT. CEMENT TO SURFACE.

Thanks,
Jeremy Kneese

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