



Andrews, David

From: GJRig02@oxy.com
Sent: Tuesday, November 01, 2011 10:31 AM
To: Andrews, David
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Subject: OXY/H&P353/CC-697-05-28B/CC-697-05C PAD 9 5/8" SURFACE CEMENT SUMMARY

9 5/8" SURFACE CASING DEPTH 2,708'.
API # - 05-045-20360-00

OFFLINE CEMENTING:
TESTED LINES TO 3000 PSI. GOOD TEST.
CEMENTED 9.625", 36#, J-55, LTC CASING SET @ 2,705'.
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/ 203.2 BBLS FRESH WATER @ 6 BPM. AT 05:00 HRS.
OBSERVED 790 PSI LIFT PRESSURE @ 6 BPM.
SLOWED RATE TO 2 BPM FOR THE LAST 10 BBLS OF DISPLACEMENT AND OBSERVED A LIFT PRESSURE OF 720 PSI. PLUG WAS BUMPED W/ 1,220 PSI AND PRESSURE WAS HELD FOR 5 MIN BEFORE IT WAS BLEED OFF. FLOATS HELD.

REGAINED RETURNS 50 BBLS INTO TAIL. MAINTAINED GOOD RETURNS BETWEEN THERE AND 100 BBLS INTO DISPLACEMENT. LOST RETURNS NO CEMENT TO SURFACE.

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

FLUSHED PARASITE LINE W/ 10 BBLS SUGAR WATER. LOADED 6.2 BBL, PRESSURED TO 670 PSI, EST CIRC TO SURFACE.

TOP OUT WITH 33.4 BBLS OF 12.5 PPG OF TOP OUT CEMENT.
WAITED 1.5 HRS CEMENT FELL 6" FROM WELL HEAD.

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H&P 353
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