

Andrews, David



From: GJRig01@oxy.com
Sent: Thursday, March 29, 2012 6:57 PM
To: Andrews, David
Subject: OXY / H&P 330 / 697-04D PAD / CC-697-04-59B / CEMENT SUMMARY

DA API #: ~~050452072T00~~ 0504520724
SURFACE SETTING DEPTH: 2695'

22:45 HOURS (3-27-2012) - 01:40 HOURS (3-28-2012) PERFORMED CEMENT JOB AS FOLLOWS:

TESTED LINES TO 3000 PSI. GOOD TEST
CEMENTED 9.625" 36LLB/FT J-55 LTC CASING AS FOLLOWS:
PUMPED 10 BBLS FRESH WATER; 20 BBLS OF GEL SPACER; 10 BBLS OF FRESH WATER.
CEMENTED 9.625" SURFACE CASING WITH:
1150 SACKS OF LEAD - 440.4 BBLS OF 12.3 PPG - 2.15 CU. FT/SK VERSACEM LEAD AT 6 BPM
170 SACKS OF TAIL - 62.7 BBLS OF 12.8 PPG - 2.07 CU. FT/SK VERSACEM TAIL AT 6 BPM.
50% EXCESS ON LEAD AND TAIL.
NO RETURNS WHILE PUMPING CEMENT. DROPPED PLUG AND DISPLACED WITH 202.3 BBLS FRESH WATER AT 8 BPM. OBSERVED 335 PSI LIFT PRESSURE AT 8 BPM.
SLOWED RATE TO 2 BPM AT 192 BBLS INTO DISPLACEMENT AND OBSERVED 160 PSI LIFT PRESSURE.
BUMPED PLUG WITH 650 PSI. PLUG DOWN AT 01:00 HOURS (03/28/2012). HELD FOR FIVE MINUTES.
BLED PRESSURE TO ZERO AND CHECKED FLOATS. FLOATS HELD.
HAD NO RETURNS WHILE PUMPING ENTIRE DISPLACEMENT TESTED CASING TO 1500 PSI HELD FOR 30 MINUTES. TEST PASSED.
FLUSHED PARASITE LINE WITH 10 BBLS SUGAR WATER - NO RETURNS

ESTIMATED TOC AT 695'

02:25 HOURS - 02:40 HOURS (3/28/2012)
PERFORMED TOP OUT #1 WITH 114 SACKS - 39.5 BBLS OF 12.5 PPG TOP OUT BLEND CEMENT. NO RETURNS TO SURFACE

04:40 HOURS - 05:05 HOURS (03/28/2012)
PERFORMED TOP OUT #2 WITH 109 SACKS - 38 BBLS OF 12.5 PPG TOP OUT BLEND CEMENT. NO RETURNS TO SURFACE.

07:20 HOURS - 07:35 HOURS (03/28/2012)
PERFORMED TOP OUT #3 WITH 155 SACKS - 54 BBLS OF 12.5 PPG TOP OUT BLEND CEMENT. NO RETURNS TO SURFACE

13:30 HOURS - 13:50 HOURS (03/28/2012)
PERFORMED TOP OUT #4 WITH 202 SACKS - 70 BBLS OF 12.5 PPG TOP OUT BLEND CEMENT. NO RETURNS TO SURFACE

15:55 HOURS - 16:25 HOURS (03/28/2012)
PERFORMED TOP OUT #5 WITH 204 SACKS - 71 BBLS OF 12.5 PPG TOP OUT BLEND CEMENT. GOT RETURNS TO SURFACE AT 62 BBLS. STOPPED AND HESITATED PUMPED AWAY THE REMAINING 9 BBLS. ESTIMATED 0.25 BBLS OF CEMENT RETURNED TO SURFACE

18:20 HOURS - 18:45 HOURS (03/28/2012)
PERFORMED TOP OUT #6 WITH 98 SACKS - 34 BBLS OF 12.5 PPG TOP OUT BLEND CEMENT. GOT 5 BBLS RETURNED TO SURFACE.

Thanks & Regards

Victor Benavides/Darryle Clark
Oxy Drill Site Manager