



02055464

Andrews, David

From: GJRig01@oxy.com
Sent: Sunday, April 08, 2012 1:49 AM
To: Andrews, David
Subject: OXY / H&P 330 / 697-04D PAD / CC-697-04-67 / CEMENT SUMMARY

API #: 0504520720000
SURFACE SETTING DEPTH: 2750'

14:30 HOURS (04/05/2012) - 15:15 HOURS (04/05/2012) 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:
1190 SACKS OF LEAD - 455.7 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.
HAD NO RETURNS WHILE PUMPING CEMENT.
DROPPED PLUG AND DISPLACED WITH 206.4 BBLS FRESH WATER AT 6 BPM. OBSERVED 485 PSI LIFT PRESSURE AT 6 BPM.
SLOWED RATE TO 2 BPM AT 196.4 BBLS INTO DISPLACEMENT AND OBSERVED 310 PSI LIFT PRESSURE.
BUMPED PLUG AT 206.4 BBLS WITH 900 PSI. PLUG DOWN AT 17:12 HOURS (04/05/2012). HELD FOR FIVE MINUTES. BLED PRESSURE TO ZERO AND CHECKED FLOATS. FLOATS HELD.
HAD NO RETURNS WHILE PUMPING DISPLACEMENT.
TESTED CASING TO 1500 PSI HELD FOR 30 MINUTES. TEST PASSED.
FLUSHED PARASITE LINE WITH 10 BBLS SUGAR WATER

19:20 HOURS - 19:35 HOURS (04/05/2012)
PERFORMED TOP OUT #1 WITH 112 SACKS - 38 BBLS OF 12.5 PPG TOP OUT BLEND CEMENT. NO CEMENT RETURNS TO SURFACE

21:40 HOURS - 21:55 HOURS (04/05/2012)
PERFORMED TOP OUT #2 WITH 94 SACKS - 33 BBLS OF 12.5 PPG TOP OUT BLEND CEMENT. NO CEMENT RETURNS TO SURFACE

00:10 HOURS - 00:45 HOURS (04/06/2012)
PERFORMED TOP OUT #3 WITH 180 SACKS - 63.2 BBLS OF 12.5 PPG TOP OUT BLEND CEMENT. NO CEMENT RETURNS TO SURFACE

02:30 HOURS - 03:00 HOURS (04/06/2012)
PERFORMED TOP OUT #4 WITH 185 SACKS - 64.8 BBLS OF 12.5 PPG TOP OUT BLEND CEMENT. NO CEMENT RETURNS TO SURFACE

WAITING ON BULK CEMENT

05:10 HOURS - 05:40 HOURS (04/06/2012)
PERFORMED TOP OUT #5 WITH 168 SACKS - 58.8 BBLS OF 12.5 PPG TOP OUT BLEND CEMENT. NO CEMENT RETURNS TO SURFACE

08:00 HOURS - 08:50 HOURS (04/06/2012)
PERFORMED TOP OUT #6 WITH 165 SACKS - 58 BBLS OF 12.5 PPG TOP OUT BLEND CEMENT. GOT RETURNS AFTER 47.8 BBLS. ESTIMATED 0.10 BBLS CEMENT RETURNED TO SURFACE. WAITED 5 MINUTES AND PUMPED AN ADDITIONAL 7.6 BBLS WITH 0.10 BBLS CEMENT RETURNED TO SURFACE.

Thanks & Regards

Victor Benavides/Darryle Clark

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