



Andrews, David

From: GJRig01@oxy.com
Sent: Thursday, October 27, 2011 5:25 AM
To: Brad_Ahlquist@Oxy.com; Nikolai_Amortegui@oxy.com; Andrews, David; Simon_Benevides@oxy.com; Victor_Guerra@oxy.com
Subject: OXY / H&P 330 / 697-08-53 PAD / 697-08-27A / CEMENT SUMMARY

API #: 0504520067
SURFACE CASING SETTING DEPTH: 2684'

HALLIBURTON CEMENTED 9.625" SURFACE CASING AS FOLLOWS:

TESTED LINES TO 5000 PSI. GOOD TEST
CEMENTED 9.625" 36LLB/FT J-55 LTC CASING AS FOLLOWS:
PUMPED 20 BBLS FRESH WATER; 20 BBLS OF GEL SPACER; 20 BBLS OF FRESH WATER.
CEMENTED 9.625" SURFACE CASING WITH:
1050 SACKS OF LEAD - 435.7 BBLS OF 12.3 PPG - 2.33 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 RETURNS 90 BBLS INTO TAIL. MAINTAINED GOOD RETURNS FOR THE REMAINDER OF CEMENT JOB.
DROPPED PLUG AND DISPLACED WITH 204 BBLS FRESH WATER PUMPED AT 8 BPM AND OBSERVED 1278 PSI
LIFT PRESSURE.
SLOWED RATE TO 2 BPM AND OBSERVED 850 PSI LIFT PRESSURE.
BUMPED PLUG WITH 1240 PSI AT 19:00. HELD FOR 5 MINUTES.
BLED PRESSURE TO ZERO AND CHECKED FLOATS. FLOATS HELD.
HAD FULL RETURNS WHILE PUMPING DISPLACEMENT. OBSERVED AN ESTIMATED 100 BBLS OF CEMENT
RETURNED TO SURFACE.
FLUSHED PARASITE LINE WITH 10 BBLS SUGAR WATER - HAD RETURNS AFTER 7 BBLS. WAITED ON CEMENT
FOR 1 HOUR PRIOR TO RIGGING DOWN CEMENTERS.

CHECKED TOP OF CEMENT AFTER 2 HOURS OF WAIT TIME. CEMENT FELL 50' FROM SURFACE. TOPPED OUT
WITH 9BBL.

Thanks & Regards

Victor Benavides/Derek Adam
DSM
H&P 330
281-436-6424