Andrews, David

From: GJRig01@oxy.com
Sent: Saturday, March 10, 2012 11:57 AM
To: Andrews, David
Cc: Simon_Benevides@oxy.com
Subject: RE: OXY / H&P 330 / 697-04D PAD / CC-697-09-04A / CEMENT SUMMARY

Follow Up Flag: Follow up
Flag Status: Flagged

David,

That's a typo 12.8 ppg is the correct weight for the tail cement I apologize for the misunderstanding. I fixed the typo below.

Thanks & Regards

Victor Benavides/Darryle Clark
Drill Site Manager
H&P 330
1-281-436-6424

-----Original Message-----
From: Andrews, David [mailto:David.Andrews@state.co.us]
Sent: Saturday, March 10, 2012 11:14 AM
To: GJRig01
Cc: Benavides, Simon (BISON ENERGY PARTNERS LTD)
Subject: RE: OXY / H&P 330 / 697-04D PAD / CC-697-09-04A / CEMENT SUMMARY
Importance: High

Shouldn't the tail slurry weight be 12.8 ppg? You wrote 10.67 ppg below for the tail.

Thanks,

David D. Andrews, P.E., P.G.
Engineering Supervisor - Western Colorado

State of Colorado
Oil and Gas Conservation Commission
707 Wapiti Court, Suite 204
Rifle, Colorado 81650
Office Phone: (970) 625-2497 Ext. 1
Cell Phone: (970) 456-5262
Fax: (970) 625-5682
E-mail: David.Andrews@state.co.us
Website: http://www.colorado.gov/cogcc

-----Original Message-----
From: GJRig01@oxy.com [mailto:GJRig01@oxy.com]
Sent: Friday, March 09, 2012 8:09 PM
To: Andrews, David
Cc: Simon_Benevides@oxy.com
Subject: OXY / H&P 330 / 697-04D PAD / CC-697-09-04A / CEMENT SUMMARY

WELL: CC697-09-04A
API: 050452072700

CASING SHOE DEPTH: 2835'

RIGGED UP OFF LINE CEMENT HEAD.

PERFORMED OFFLINE CEMENT JOB AS FOLLOWS(03/07/2012 19:30) TESTED LINES TO 3000 PSI. GOOD TEST
CEMENTED 9.625" 36LLB/FT J-55 LTC CASING AS FOLLOWS:
PUMPED 10 BBLS FRESH WATER; 10 BBLS OF GEL SPACER; 20 BBLS OF FRESH WATER.
CEMENTED 9.625" SURFACE CASING WITH:
1115 SACKS OF LEAD - 462.7 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 NO RETURNS WHILE PUMPING CEMENT
DROPPED PLUG AND DISPLACED WITH 215.6 BBLS FRESH WATER AT 6 BPM OBSERVED 612 PSI LIFT PRESSURE SLOWED RATE TO 2 BPM AND OBSERVED 350 PSI LIFT PRESSURE.
BUMPED PLUG AT 2 BPM BBLS WITH 990 PSI. PLUG DOWN AT 22:15 HOURS (03/07/2012). HELD FOR FIVE MINUTES.
BLED PRESSURE TO ZERO AND CHECKED FLOATS. FLOATS HELD.
HAD NO RETURNS WHILE PUMPING DISPLACEMENT FLUSHED PARASITE LINE WITH 10 BBLS SUGAR WATER - HAD RETURNS AFTER 6 BBLS.

ESTIMATED TOC: 454'

PUMPED A TOTAL OF 455 SACKS (159BBLS) OF 12.5PPG 1.97 YIELD 10.96 GAL/SACK TOPOUT CEMENT.
TOP OUT #1- 50 BBLS NO CEMENT @ 10:30 TO 12:55 TOP OUT #2- 50 BBLS NO CEMENT @ 12:55 TO 2:55 TOP OUT #3- 20 BBLS NO CEMENT @ 4:55 TO 5:30 TOP OUT #4- 39 BBLS 12 BBLS BACK TO SURFACE WITH NO DROP.

Thanks & Regards

Victor Benavides/Darryle Clark
Drill Site Manager
H&P 330
1-281-436-6424