



Andrews, David

From: GJRig01@oxy.com
Sent: Wednesday, September 21, 2011 4:28 PM
To: Andrews, David
Subject: RE: OXY / H&P 330 / 697-08-53 PAD / CC 697-08-52A / CEMENT SUMMARY

API #: 050452007900
Surface setting Depth: 2697'

Thanks & Regards

Jeff Gill / Victor Benavides
DSM
H&P 330
281-436-6424

From: Andrews, David [<mailto:David.Andrews@state.co.us>]
Sent: Wednesday, September 21, 2011 4:06 PM
To: GJRig01
Subject: RE: OXY / H&P 330 / 697-08-53 PAD / CC 697-08-52A / CEMENT SUMMARY
Importance: High

Please reply with the API Number and surface casing setting depth for this well.

Thanks,

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

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From: GJRig01@oxy.com [<mailto:GJRig01@oxy.com>]
Sent: Saturday, September 17, 2011 6:58 PM
To: Andrews, David
Subject: OXY / H&P 330 / 697-08-53 PAD / CC 697-08-52A / CEMENT SUMMARY

TESTED LINES TO 3000 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 NO RETURNS WHILE PUMPING CEMENT
DROPPED PLUG AND DISPLACED WITH 193 BBLS FRESH WATER AT 6.5 BPM
OBSERVED 580 PSI LIFT PRESSURE AT 6.5 BPM
SLOWED RATE TO 2 BPM AND OBSERVED 460 PSI LIFT PRESSURE.
CALCULATED DISPLACEMENT TO 202.4 BBLS. PUMPED 202.4 BBLS AND PLUG DID NOT BUMP. CALLED FIELD SUPERINTENDENT. DECISION WAS MADE TO PUMP 0.5 OF SHOE TRACK OVER DISPLACED. CALCULATED SHOE TRACK TO 3.7 BBLS. PUMPED 1.6 BBLS OVER DISPLACED AND BUMPED PLUG AT 204 BBLS WITH 960 PSI. PLUG DOWN AT 00:10 HOURS (09/17/2011). 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.
TEST CASING TO 1500 PSI HELD FOR 30 MINUTES.
TEST PASSED.

02:39-03:10
PERFORMED TOP OUT #1 WITH 55 BBLS OF 12.5 PPG TOP OUT BLEND CEMENT ON 09-17-2011. NO RETURNS TO SURFACE.
05:07-05:29
PERFORMED TOP OUT #2 WITH 43 BBLS OF 12.5 PPG TOP OUT BLEND CEMENT ON 09-17-2011. NO RETURNS TO SURFACE.
07:42-07:56
PERFORMED TOP OUT #3 WITH 25 BBLS OF 12.5 PPG TOP OUT BLEND CEMENT ON 09-17-2011. NO RETURNS TO SURFACE
09:21-09:59
PERFORMED TOP OUT #4 WITH 24 BBLS OF 12.5 PPG TOP OUT BLEND CEMENT ON 09-17-2011. 0.5 CEMENT RETURNED TO SURFACE

Thanks & Regards

Jeff Gill / Victor Benavides
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