



Andrews, David

From: Andrews, David
Sent: Monday, October 03, 2011 9:17 AM
To: 'Simon_Benevides@oxy.com'
Subject: RE: API 050452006200/CC-697-08-52B

Simon,

Your plan shown below is acceptable. Please proceed.

Thanks,

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

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From: Simon_Benevides@oxy.com [mailto:Simon_Benevides@oxy.com]
Sent: Monday, October 03, 2011 8:44 AM
To: Andrews, David
Subject: API 050452006200/CC-697-08-52B

Mr. Andrews

Oxy has tested the surface casing on well CC-697-08-52B. The initial casing test failed. A RTTS tool was run in the hole with the following results.

@ 2462' back to surface, pressured up to 1500 psi, pressure dropped 85 psi in 30 minutes.
@ 2517' back to surface, pressured up to 1500 psi pressure dropped 150 psi in 6 minutes.
@ 2517' down to float collar 2643' pressured up to 1500 psi. pressure dropped 90 psi in 15 minutes.

It is believed that the parasite sub is leaking as it is set at 2482'. If a cement squeeze is attempted into the parasite sub it is likely the ports in the parasite sub will be completely cemented, thus rendering the sub useless for lift assist.

If authorized to do so Oxy's go forward plan will be to drill the production section of the hole, utilizing drilling fluid as the first line of defense towards well control. The well will be drilled to an estimated of 8882'. A 4.5" production string will be ran back to surface. The current cement job calls for lead cement 200' into surface casing 2490'. The cement plan will be changed to 500' into surface casing, to 2190'.

Below is the cement summary for the surface section of the well.

Please let me know how you want us to proceed.

CEMENTED 9.625" 36LB/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: 1049 SACKS OF LEAD - 435.3 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. DID NOT HAVE RETURNS DURING THE CEMENT JOB DROPPED PLUG AND DISPLACED WITH 204 BBLS FRESH WATER AT 6 BPM SLOWED RATE TO 2 BPM NO RETURNS DURING DISPLACEMENT. OBSERVED 330 PSI LIFT PRESSURE. BUMPED PLUG WITH 860 PSI HELD FOR FIVE MINUTES. BLED PRESSURE TO ZERO AND CHECKED FLOATS. FLOATS HELD. FLUSHED PARASITE LINE WITH 10 BBLS SUGAR WATER - HAD RETURNS AFTER 5 BBLS. TEST CASING TO 1500 PSI HELD FOR 30 MINUTES. TEST FAILED. TOPPED OFF WITH 114BBLS OF CEMENT.

Simon Benavides
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