



Andrews, David

PLUGGING ORDERS - VERBAL APPROVAL

From: Caughlin, Bob [Bob.Caughlin@Williams.com]
Sent: Saturday, November 05, 2011 1:58 PM
To: 'bhartman@blm.gov'; Andrews, David
Cc: 'Julie King'; Foster, Nicole; Brady, Scott (Lowell); Abbey, Jarvis; Vallad, Gary; Brown, Robert C
Subject: Williams SP 13-13 P&A - API # 05 045 20422 00

Gentlemen,

As per our discussions this morning, here is a follow-up email detailing the cement to be used on the SP 13-13 well plug and abandonment. The depth of each plug is also laid out below. We plan to tag the cement plug at the mesaverde top(6095' MD) and at the base of the surface casing(1581' MD), each after 4 hours of set-up time. If you have any issues with the following plans, please contact me immediately. We are planning to start pumping the first plug at 18:00 today. Note that we will also follow-up with a formal sundry to the BLM and a Form 6 to the COGCC next week.

Thanks for your help,

Bob

Robert Caughlin
Drilling Superintendent
Williams Production RMT
(970) 589-0673 c

From: Mark Mayo [mailto:Mark.Mayo@Halliburton.com]
Sent: Saturday, November 05, 2011 1:16 PM
To: Caughlin, Bob
Subject: Fw: SP 13-13 PTA

From: Mark Mayo
Sent: Saturday, November 05, 2011 01:37 PM
To: bob.coughlin@williams.com <bob.coughlin@williams.com>; scott.carr@williams.com <scott.carr@williams.com>
Cc: John Trout; Bradley Pruett; Shaun Burns; Larry Cooksey
Subject: SP 13-13 PTA

Bob,

Here is the plan for the SG 13-13 Plug To Abandon:

Plug #1 – place a 200ft plug from 7045ft – 6845ft, using 15.8 lb/gal Mountain G cement 1.15 ft³/sk yield, 4.96 gal/sk water requirement, 90 sks.

Plug #2 - place a 200ft plug from 4313ft – 4113ft, using 15.8 lb/gal Mountain G cement 1.15 ft³/sk yield, 4.96 gal/sk water requirement, 90 sks.

Plug #3 – place a 200ft plug from 1681ft – 1481ft, using 17.0 lb/gal Mountain G cement 0.99 ft³/sk yield, 3.77 gal/sk water requirement, 100 sks .

Plug #4 – place a 50ft plug from 50ft – surface, 17.0 lb/gal Mountain G cement 0.99 ft³/sk yield, 3.77 gal/sk water requirement, 30 sks.

The crew is planning to be on location at 1600, I'll let you know if anything changes. They will be bringing a 4 ½ X hole drill pin and a mud booster pump W/ bullet hoses.

The slurries are being tested now in the lab for compressive strengths. For now plan on waiting 4hrs to tag the plugs until the results are in. I'll let you or Scott know when they are done.

After pumping the plug and tagging make sure to pull up at least 100ft above the top of plug and circulate the drill pipe to make sure to clear any cement out of the string.

If you need anything else let me know.

Thank You,

Mark Mayo
Field Coordinator
Halliburton ESG
Grand Junction, Co.
Cell (970) 216-3770
Office (970) 523-3600

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