

STAGE/TOP OUT/REMEDIAL CEMENT

Cement work date: _____

Method used	String	Cementing tool setting/perf depth	Cement volume	Cement top	Cement bottom

Details of work:

FORMATION LOG INTERVALS AND TEST ZONES

FORMATION NAME	Measured Depth		Check if applies		COMMENTS (All DST and Core Analysis must be submitted to COGCC)
	Top	Bottom	DST	Cored	
SHANNON	4,385		NO	NO	
SHARON SPRINGS	5,954		NO	NO	
NIOBRARA	6,085				

Comment:

PBTD is taken from the float collar set depth.

CBL has estimated cement top however the cement top chosen by the operator is provided in the casing tab, liner top provided in casing tab is correct.

Cement job summaries have incorrect top and set depths for casing strings please utilize data provided in casing tab.

The BHL location was drilled past the 460' setback to 404' FWL , however the deepest perforation will be not deeper then the unit boundary setback.

Resistivity Logs were ran on Kunsemiller 5-61-20-0916B2 (API 05-123-44295)

THIS WELL IS WAITING ON COMPLETION AT THE TIME THE FINAL FORM 5 IS BEING SUBMITTED. BBC WILL SUBMIT THE ACTUAL TOP OF PRODUCTION ZONE FOOTAGES IN THE COMMENTS SECTION OF THE FORM 5A.

On 6/28/2017, Diana Burns provided Bill Barrett Corporation (BBC) a verbal to report surface hole moves on subsequent completion reports (wells indicated below). In addition, BBC placed the following parameters for new construction requirements: As of 7/4/2017, BBC will re-stake all proposed SHLs prior to spud to verify proper location. As a double-check, immediately following completion of the installation of the surface string we will complete an "as-drilled" survey documenting the actual surface hole location prior to "big rig" spud.

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: _____

Print Name: Rachel Milne _____

Title: Regulatory Analyst _____

Date: _____

Email: rmilne@billbarrettcorp.com _____

Attachment Check List

Att Doc Num	Document Name	attached ?	
Attachment Checklist			
401410511	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
401421517	Directional Survey **	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	DST Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
	Logs	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Other	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Other Attachments			
401410550	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401410558	PDF-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401410567	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401410573	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401410584	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401410589	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401410592	LAS-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401422108	WELL LOCATION PLAT	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401422148	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
		Stamp Upon Approval

Total: 0 comment(s)