



## 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:

21. Formation log intervals and test zones:

### FORMATION LOG INTERVALS AND TEST ZONES

FORMATION NAME	Measured Depth		Check if applies		COMMENTS (All DST and Core Analyses must be submitted to COGCC)
	Top	Bottom	DST	Cored	
SHARON SPRINGS	7,115		<input type="checkbox"/>	<input type="checkbox"/>	
NIOBRARA	7,200		<input type="checkbox"/>	<input type="checkbox"/>	
FORT HAYS	7,566		<input type="checkbox"/>	<input type="checkbox"/>	
CODELL	7,639		<input type="checkbox"/>	<input type="checkbox"/>	

Comment:

Due to anti-collision needs and the variability of directional drilling, our as-drilled BHL could be different than the permitted.

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

Signed: \_\_\_\_\_ Print Name: JOEL MALEFYT

Title: REGULATORY ANALYST Date: 8/21/2013 Email: RSCDJPOSTDRILL@ANADARKO.COM

### Attachment Check List

Att Doc Num	Document Name	attached ?	
<b>Attachment Checklist</b>			
400470342	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
400470338	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"/>
<b>Other Attachments</b>			
400470329	FORM 5 SUBMITTED	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400470331	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400470332	PDF-GAMMA RAY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400470333	PDF-GAMMA RAY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400470334	LAS-GAMMA RAY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400470335	LAS-GAMMA RAY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400470336	LAS-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400470337	PDF-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400470339	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

## General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)