



Cement work date: \_\_\_\_\_

Details of work:

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

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	2,393	2,424	<input type="checkbox"/>	<input type="checkbox"/>	
NIOBRARA	2,441	2,478	<input type="checkbox"/>	<input type="checkbox"/>	

Comment:

\_\_\_\_\_

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

Signed: \_\_\_\_\_ Print Name: Madeleine Lariviere

Title: Office Manager Date: 5/5/2011 Email: mlariviere@blackravenenergy.com

### Attachment Check List

Att Doc Num	Document Name	attached ?	
<b>Attachment Checklist</b>			
	CMT Summary *	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
	Directional Survey **	Yes <input type="checkbox"/>	No <input checked="" 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>			
400158197	FORM 5 SUBMITTED	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400160089	LAS-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400160093	TIF-DUAL INDUCTION	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400160131	WELLBORE DIAGRAM	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400160144	TIF-DENSITY/NEUTRON	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400160161	TIF-DENSITY/NEUTRON	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	REC'D PAPER DIL AND DEN/NEU	3/1/2011 3:33:31 PM
Permit	REC'D PAPER CBL #2201990 AND CMT. #2537393. STILL NEED PAPER COPIES OF DIL AND DEN/NEU. WELLBORE DIAGRAM IS ATTACHED TO 5A AS DOC#400160097	7/28/2011 9:39:45 AM
Permit	e-mailed Madeleine Lariviere requesting re-submission of attached wellbore diagram, all paper logs and 3rd party cement tkt.	7/15/2011 1:07:36 PM

Total: 3 comment(s)