



**STAGE/TOP OUT/REMEDIAL CEMENT**

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

Method used	String	Cementing tool setting/pref 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	
WILLIAMS FORK	4,020		<input type="checkbox"/>	<input type="checkbox"/>	
ROLLINS	7,973		<input type="checkbox"/>	<input type="checkbox"/>	

Comment:

All casing depths are measured from KB. As Drilled Plat and Lat/Long SHL location will be submitted with the final completion report.

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

Signed: \_\_\_\_\_ Print Name: Shauna Redican

Title: Permit Representative Date: \_\_\_\_\_ Email: sredican@anteroresources.com

**Attachment Check List**

Att Doc Num	Document Name	attached ?	
<b><u>Attachment Checklist</u></b>			
400263855	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
400263853	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><u>Other Attachments</u></b>			
400263850	LAS-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400263851	LAS-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400263852	LAS-TEMPERATURE	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400263854	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

**General Comments**

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

Total: 0 comment(s)