



Cement work date: 04/04/2013

Method used	String	Cementing tool setting/perf depth	Cement volume	Cement top	Cement bottom
	S.C. 1.1		342	0	860
	S.C. 1.1		175	4,300	4,800

Details of work:

Control well w/ 15bbls kill fluid. RIH w/ blade bit, and scraper, 236jts. Tagged fill at 7433' KB. TIH w/ RBP, retrieved head, 231 jts 2 3/8" tubing. Set RBP @ 7292.55' KB w/ 231 jts. Roll hole clean. Pressure test to 1000#. Spot 1 sk sand on plug. Unland casing. Pick Up mule shoe and TIH w/154 jts of 1 1/4" to 4855'. Test Iron to 2500 psi. Pump 5 bbls ahead. Pump 175 sks 50/50 poz 13.5# cement from 4800' to 4300'. Pump 5 bbls ahead. Pump 342 sks of "G" neat 15.8 ppg cement from 850' to surface. Reland casing. Bond log from 1050' to surface. RIH w/ retrieving head and establish circulation and latch onto RBP. Roll hole clean and release RBP. Rig down and move off.

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	
			<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: Julie Webb

Title: Regulatory Analyst Date: 5/20/2013 Email: juliewebb@nobleenergyinc.com

**Attachment Check List**

Att Doc Num	Document Name	attached ?	
<b>Attachment Checklist</b>			
400420686	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input 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>			
400420684	FORM 5 SUBMITTED	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400420687	LAS-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400420688	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

**General Comments**

User Group	Comment	Comment Date

Total: 0 comment(s)