

Cement work date: 05/09/2013

Method used	String	Cementing tool setting/perf depth	Cement volume	Cement top	Cement bottom
1 INCH	S.C. 1.1		162	0	634

Details of work:

Control well w/ 2% KCL water. RIH w/ blade bit, and scraper, 230 jts. Tagged fill at 7247' KB. Roll hole clean. TIH w/ RBP, retrieved head, 226 jts 2 3/8" tubing. Set RBP @ 7135' KB w/ 226 jts. Roll hole. Pressure test to 1000#. Spot 2sks sand on plug. Unland casing. Pick Up mule shoe and TIH w/20 jts of 1 1/4" to 629'. Test lines to 2500 psi. Pump 162 sks of "G" neat 15.8 ppg cement from 634' to surface. Reland casing. Bond log from 1000' to surface. There is cement from 650' to surface. RIH w/ retrieving head and establish circulation and latch onto RBP. Roll hole clean and release RBP. Land 1 1/4" 2.3 # J-55 tubing to 7191' KB. 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: 6/10/2013 Email: juliewebb@nobleenergyinc.com

Attachment Check List

Att Doc Num	Document Name	attached ?	
Attachment Checklist			
400431411	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"/>
Other Attachments			
400431368	FORM 5 SUBMITTED	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400431412	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)