

Cement work date: 05/14/2013

Method used	String	Cementing tool setting/perf depth	Cement volume	Cement top	Cement bottom
	S.C. 1.1		200	4,230	4,971
	S.C. 1.1		275	0	573

Details of work:

Control well w/ 30 bbls kill fluid. RIH w/ blade bit, and scraper, 224. TIH w/ RBP, retrieved head, 205 jts 2 3/8" tubing. Set RBP @ 6493' KB w/ 205 jts. Pressure test to 2000#. Spot 2 sks sand on plug. Unland casing. Pick Up mule shoe and TIH w/ 159 jts of 1 1/4" to 4971'. Pump 200 sks 50/50 Paz 13.5# from 4971 up to 4230. TIH w/ 18 jts for 1 1/4" to 573'. Pump 5 bbls ahead. Pump 275 sks of "G" neat 15.8 ppg cement from 573' to surface. Reland casing @ 80K. Bond log from 5128' to surface. Found Sussex cement from 4969' to 4195' and Fox hills from 578' to surface. RIH w/ retrieving head and establish circulation and latch onto RBP. Roll hole clean and release RBP. Land 2 3/8" 4.7 # J-55 tubing to 7041.27' 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: 5/24/2013 Email: juliewebb@nobleenergyinc.com

Attachment Check List

Att Doc Num	Document Name	attached ?	
Attachment Checklist			
400423946	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			
400423933	FORM 5 SUBMITTED	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400423937	LAS-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400423940	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)