

Cement work date: <u>02/03/2013</u>					
Method used	String	Cementing tool setting/perf depth	Cement volume	Cement top	Cement bottom

Details of work:

Ran 30 centralizers and 2 cement baskets at 6000' and 4500'. Halliburton cemented with 500 sacks of 12.5 ppg EconoCem cement and 150 sacks of 13.5 ppg FrecCem.

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	
SHANNON	4,794		<input type="checkbox"/>	<input type="checkbox"/>	
NIOBRARA	7,396		<input type="checkbox"/>	<input type="checkbox"/>	
CODELL	7,649		<input type="checkbox"/>	<input type="checkbox"/>	
FORT HAYS	7,659		<input type="checkbox"/>	<input type="checkbox"/>	
J SAND	8,179		<input type="checkbox"/>	<input type="checkbox"/>	

Comment:

Core analysis was not performed.

DST analysis was not performed.

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

Signed: _____ Print Name: Paul Herring

Title: Landman Date: 2/27/2013 Email: pherring2000@yahoo.com

Attachment Check List

Att Doc Num	Document Name	attached ?	
Attachment Checklist			
2617831	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
400384704	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"/>
Other Attachments			
400382536	FORM 5 SUBMITTED	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400384703	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400384709	TRIPLE COMBINATION	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400385907	CBL 1ST RUN	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

General Comments

User Group	Comment	Comment Date
Permit	Received and entered new TPZ/BHL numbers from operator.	5/31/2013 7:54:18 AM
Permit	Requested operator recheck BHL numbers.	5/23/2013 12:56:42 PM
Permit	Per operator this form can be changed to final.	4/3/2013 8:39:06 AM
Engineer	why preliminary - what's missing - ask for changing it to final? shouldn't BHL be changed? list all logs that were run	3/28/2013 10:53:52 AM
Engineer	Emailed operator for SC cement tickets, they submitted PC tickets, and need to know why PC is screwed into ground by 100'+/-. Receiverd SC tickets form operator.	3/15/2013 2:14:11 PM
Permit	My calculation for BHL is 1890 FSL, 2002 FEL. Both locations still legal. CBL attached to form 5.	3/5/2013 2:50:48 PM

Total: 6 comment(s)