

Casing Type	Size of Hole	Size of Casing	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Top	Cmt Bot	Status
CONDUCTOR	26	16	84	0	124	80	0	124	VISU
SURF	13+3/4	9+5/8	36	0	1,246	527	0	1,246	VISU
1ST	8+3/4	7	26	0	6,099	510	840	6,099	CALC
1ST LINER	6+1/8	4+1/2	11.6	5977	9,656	0			

STAGE/TOP OUT/REMEDIAL CEMENT

Cement work date: _____

Method used	String	Cementing tool setting/perf 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	
PIERRE	2,208		<input type="checkbox"/>	<input type="checkbox"/>	
PARKMAN	3,285		<input type="checkbox"/>	<input type="checkbox"/>	
SUSSEX	3,905		<input type="checkbox"/>	<input type="checkbox"/>	
SHANNON	4,342		<input type="checkbox"/>	<input type="checkbox"/>	
TEEPEE BUTTES	5,038		<input type="checkbox"/>	<input type="checkbox"/>	
NIOBRARA	5,699		<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: Kathleen Mills

Title: Regulatory Analyst Date: _____ Email: kmills@nobleenergyinc.com

Attachment Check List

Att Doc Num	Document Name	attached ?	
Attachment Checklist			
400540082	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
400540087	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			
400540032	LAS-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400540033	LAS-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400540034	PDF-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400540042	PDF-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400540057	PDF-GAMMA RAY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400540062	PDF-GAMMA RAY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400540076	LAS-GAMMA RAY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400540089	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400540987	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

General Comments

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

Total: 0 comment(s)