

Casing Type	Size of Hole	Size of Casing	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Top	Cmt Bot	Status
CONDUCTOR	24	16	42.09	0	124	80	0	124	VISU
SURF	13+3/4	9+5/8	36	0	663	364	0	663	VISU
1ST	8+3/4	7	26	0	7,065	580	140	7,065	CALC
1ST LINER	6+1/8	4+1/2	11.6	6979	11,140	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	1,189		<input type="checkbox"/>	<input type="checkbox"/>	
PARKMAN	3,626		<input type="checkbox"/>	<input type="checkbox"/>	
SUSSEX	4,408		<input type="checkbox"/>	<input type="checkbox"/>	
SHANNON	4,946		<input type="checkbox"/>	<input type="checkbox"/>	
TEEPEE BUTTES	5,839		<input type="checkbox"/>	<input type="checkbox"/>	
NIOBRARA	6,620		<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			
400491451	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
400501675	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			
400491444	PDF-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400491445	PDF-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400491446	LAS-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400491447	LAS-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400491448	LAS-GAMMA RAY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400491449	PDF-GAMMA RAY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400491450	PDF-GAMMA RAY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400492153	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400501676	DIRECTIONAL DATA	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)