

Casing Type	Size of Hole	Size of Casing	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Top	Cmt Bot	Status
CONDUCTOR		20		0	142				
SURF	14+3/4	10+3/4	40.5	0	1,002	330	0	1,002	VISU
1ST	9+7/8	7+5/8	26.4	0	5,766	815	865	5,766	
2ND	6+3/4	5+1/2	20	0	6,091	1,300	0	15,297	VISU
1ST TAPER	6+3/4	5+1/2	17	6091	9,118				
TAPER	6+3/4	4+1/2	11.6	9118	15,305				

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	
MANCOS	3,885	5,709	<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: Jessica Donahue

Title: Regulatory Technician Date: 8/29/2013 Email: Jessica.Donahue@blackhillscorp.com

Attachment Check List

Att Doc Num	Document Name	attached ?	
Attachment Checklist			
400660501	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			
400457287	FORM 5 SUBMITTED	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400470692	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400660497	PDF-	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Pending:requested cmt summary of sfc csg, logs and directional survey. Asked for verification of PBTD and 4 1/2 and 5 1/2" casing string setting points. Attached cement summary on surface pipe and directional survey, then changed casing information as per operator. 12/20/13. Disregard attachment 2622722. Still needs CBL log. 1/9/2014.	10/24/2013 11:15:27 AM

Total: 1 comment(s)