

Casing Type	Size of Hole	Size of Casing	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Top	Cmt Bot	Status
SURF	13+1/2	9+5/8	36	0	1,218	780	0	1,218	CALC
1ST	8+3/4	7+0/0	26	0	5,257	130	3,790	5,220	CBL

STAGE/TOP OUT/REMEDIAL CEMENT

Cement work date: 10/17/2012

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	
NIOBRARA	4,340		<input type="checkbox"/>	<input type="checkbox"/>	
D SAND	5,150		<input type="checkbox"/>	<input type="checkbox"/>	
HUNTSMAN	5,208		<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: Tina Larreau

Title: Permitting Agent Date: 12/11/2012 Email: tlarreau@mehllc.com

Attachment Check List

Att Doc Num	Document Name	attached ?	
Attachment Checklist			
400354106	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			
400338453	FORM 5 SUBMITTED	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400354108	PDF-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400354109	PDF-INDUCTION	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400354110	PDF-DENSITY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400354112	PDF-CALIPER	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400354114	PDF-COMPOSITE	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400354115	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

General Comments

User Group	Comment	Comment Date
Permit	Per operator input as built information and casing set date.	12/31/2012 10:40:05 AM

Total: 1 comment(s)