

Casing Type	Size of Hole	Size of Casing	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Top	Cmt Bot	Status
SURF	12+1/4	9+5/8	36	0	712	235	0	735	VISU
1ST	8+3/4	7+0/0	26	0	8,684	220	0	8,685	VISU
1ST LINER	6+1/8	4+1/2	11.6	8566	10,443				

STAGE/TOP OUT/REMEDIAL CEMENT

Cement work date: _____

Method used	String	Cementing tool setting/perf depth	Cement volume	Cement top	Cement bottom
DV TOOL	1ST	7,234	965	0	7,234

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	
LYONS	8,683	8,780	<input type="checkbox"/>	<input type="checkbox"/>	
LOWER SATANKA	8,780	9,016	<input type="checkbox"/>	<input type="checkbox"/>	
WOLFCAMP	9,016	9,074	<input type="checkbox"/>	<input type="checkbox"/>	
AMAZON	9,074	9,156	<input type="checkbox"/>	<input type="checkbox"/>	
COUNCIL GROVE	9,156	9,305	<input type="checkbox"/>	<input type="checkbox"/>	
Admire	9,305	9,340	<input type="checkbox"/>	<input type="checkbox"/>	
VIRGIL	9,340	9,546	<input type="checkbox"/>	<input type="checkbox"/>	
MISSOURI	9,546	9,625	<input type="checkbox"/>	<input type="checkbox"/>	
FOUNTAIN	9,625		<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: Paul Gottlob

Title: Regulatory & Engin. Tech.

Date: 5/14/2014

Email: paul.gottlob@iptenergyservices.com

Attachment Check List

Att Doc Num	Document Name	attached ?	
Attachment Checklist			
400634836	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			
400634723	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400634754	PDF-TRIPLE COMBINATION	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400634757	PDF-CALIPER	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400634786	LAS-DENSITY/NEUTRON	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400634803	PDF-CALIPER	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400634805	PDF-	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Returned to draft per operator's request.	6/26/2014 4:04:34 PM
UIC	APPROVAL OF THIS FORM DOES NOT AUTHORIZE INJECTION. AUTHORIZATION TO INJECT REQUIRES APPROVAL OF FORM 31 AND FORM 33.	5/25/2014 12:21:53 PM
UIC	Injection permit documents filed Form 31 (# 1534409) and Form 33 (# 1534408).	5/25/2014 12:09:02 PM
UIC	With operator concurrence changed PBDT to 10441 ft (correct) from 8684 ft (incorrect). Wellbore diagram updated to fix incorrect tubing diameter. If it shows 2-3/8" then it has not been fixed.	5/19/2014 5:17:23 PM

Total: 4 comment(s)