

IMPORTANT: SOME DATA FIELDS HAVE BEEN MODIFIED.

CASING									
Casing Type	Size of Hole	Size of Casing	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Top	Cmt Bot	Status
CONDUCTOR	24	18		0	60	22	0	45	VISU
SURF	13+1/2	9+5/8		0	1,123	320	0	1,123	CALC
1ST	7+7/8	4+1/2		0	8,596	882	4,300	8,596	CBL

ADDITIONAL CEMENT

Cement work date: _____

Details of work: _____

Method used	String	Cementing tool setting/pref depth	Cement volume	Cement top	Cement bottom

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	
J SAND	2,530		<input type="checkbox"/>	<input type="checkbox"/>	
MESAVERDE	5,027		<input type="checkbox"/>	<input type="checkbox"/>	
CAMEO	7,579		<input type="checkbox"/>	<input type="checkbox"/>	
ROLLINS	8,468		<input type="checkbox"/>	<input type="checkbox"/>	

Comment: _____

SURFACE PRESSURE = 0#

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: _____ Print Name: SANDRA SALAZAR

Title: PERMIT TEHNICIAN Date: 8/31/2010 Email: SANDRA.SALAZAR@WILLIAMS.COM

Attachment Check List

Att Doc Num	Document Name	attached ?	
Attachment Checklist			
2517165	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
2517164	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 type="checkbox"/>	No <input checked="" type="checkbox"/>
	Other	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Other Attachments			
2517161	FORM 5 SUBMITTED	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

General Comments

User Group	Comment	Comment Date
Permit	Corrected bhl section to match well plat, elevations to match log header, and added mud log to the list	2/4/2011 10:44:09 AM

Total: 1 comment(s)

Date Run: 3/17/2011 Doc [#2517161] Well Name: FEDERAL RWF 344-4

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