



Cement work date: 04/21/2012

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

Details of work:

Circ hole clean @ 4150', Ran 104 Jts 15.5# J-55 Csg. Csg set @ 4,148'. Cemented as follows:  
 Lead: 300 sx Tpye III 3% Econolite, 5# sx Gilsonite, 1/8# Poly-E-Flake.  
 Tail: 105 sx Type III 3% Econolite, 5# sx Gilsonite, 1/8# Poly-E-Flake  
 Circulated 23 bbls cmt to surface.

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	
FRUITLAND COAL	3,972	3,996	<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: Deborah Powell

Title: Eng Tech Manager Date: 6/5/2012 Email: DEbbyP@McElvain.com

### Attachment Check List

Att Doc Num	Document Name	attached ?	
<b>Attachment Checklist</b>			
400291468	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 type="checkbox"/>	No <input checked="" type="checkbox"/>
	Other	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
<b>Other Attachments</b>			
400283709	FORM 5 SUBMITTED	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400291470	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400291596	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

### General Comments

User Group	Comment	Comment Date
Permit	Logs received and scanned 10/2/2012.	10/4/2012 6:17:33 AM
Permit	Waiting on logs.	9/26/2012 2:22:25 PM

Total: 2 comment(s)