



Cement work date: \_\_\_\_\_

Method used	String	Cementing tool setting/perf depth	Cement volume	Cement top	Cement bottom
RETAINER	S.C. 1.1	7,810	250	7,810	7,944
RETAINER	S.C. 1.2	7,390	250	7,390	7,500
STAGE TOOL	1ST	4,762	250	3,100	4,762

Details of work:

9-24-2014 run bond log 7953' - 7700'. Poor cement from 7924' - 7944'. Perf squeeze holes @ 7900', set cement retainer 7810' pump 350 sks cement cover 7810' - 7950'  
 9-26-2014 run bond log 7810' - 7200'. Poor cement @ 7500'. Perf squeeze holes 7460'. Set cement retainer 7390' pump 250 sks cement cover 7390' - 7500'.  
 9-29-2014 set port collar @ 4762' pump 250 sks cement. Top of cement port collar 3100 by CBL  
 10-1-2014 run CBL

### FORMATION LOG INTERVALS AND TEST ZONES

FORMATION NAME	Measured Depth		Check if applies		COMMENTS (All DST and Core Analysis must be submitted to COGCC)
	Top	Bottom	DST	Cored	
NIOBRARA	3,238				
CODELL	3,783				
CEDAR HILLS	5,429				
LANSING	6,720				
PAWNEE A	7,090				
CHEROKEE	7,164	7,200	YES		
OSAGE	7,916	7,936	YES		

Comment:

Operator of Ma-State # 16 well is currently conducting productive testing of Morrow formation with natural gas flair to determine economic value, due to gas with rich nitrogen content and no gas line near well location. Gas Analysis attached shows no hydrogen. Production casing had poor cement job that required two retainer cement jobs @ 7460' and 7900'. After cement ran CBL that shows coverage.

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

Signed: \_\_\_\_\_ Print Name: Jack Fincham

Title: Agent Date: \_\_\_\_\_ Email: fincham4@msn.com

### Attachment Check List

Att Doc Num	Document Name	attached ?	
<b>Attachment Checklist</b>			
400711046	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"/>
400711117	DST Analysis	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Logs	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400711054	Other	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
<b>Other Attachments</b>			
400710999	LAS-IND-DENS-NEU	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400711005	PDF-INDUCTION	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400711013	PDF-DENSITY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400711023	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400711631	WELLBORE DIAGRAM	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)