

STAGE/TOP OUT/REMEDIAL CEMENT

Cement work date: _____

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

Details of work:

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	
PARKMAN	4,008		NO	NO	
SUSSEX	4,570		NO	NO	
SHANNON	5,313		NO	NO	
SHARON SPRINGS	7,617		NO	NO	
NIOBRARA	7,687		NO	NO	

Comment:

Top of productive zone footages are estimated and based on the top possible legal perforation point within the unit. The estimated date of completion of the pad is 2nd quarter 2018. The actual top of productive zone footages will be provided in the comments on the Form 5A when the well has been completed. The BHL footages are from the "Projection to Bit" numbers listed on the first page of the directional survey.

Surface and production casing setting depths on Surface Cement Job Summary and Production Cement Job Summary are incorrect. Reported depths on casing tab, 1762' is the accurate surface csg setting depth and 13036' is the accurate production csg setting depth. 6bbl wet shoe.

No open hole resistivity log with gamma ray was ran on this well. Open hole resistivity log ran on Falken 9C-9-L (API: 123-45117), which shares the same pad.

Each attachment and log run during the drilling and completion of a well is intended to fulfill a specific purpose. At times, vendors that run these logs or jobs put additional data in their report that is not critical or relevant to the technical purpose of their job. This data is not verified with SRC Energy and at times is not 100% accurate. For example, setting depths for a liner, date casing was set, or TD dates on a mud log may not be accurate. SRC Energy confirms setting depths through either daily drilling reports or liner reports, confirms date casing was set through daily drilling reports, and confirms TD through either our Pason system or daily drilling reports. Additionally, SRC Energy confirms liner tops through liner reports and not the CBL. Synergy is not able to request that these vendors not include this information in their report.

A formal as-drilled was performed and is attached with this submittal as verification of the surface location and ground elevation. Any other attachment that shows a different surface location or ground elevation is not accurate.

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

Signed: _____

Print Name: Christi Ng

Title: Sr. Regulatory Analyst

Date: _____

Email: cng@srcenergy.com

Attachment Check List

Att Doc Num	Document Name	attached ?	
Attachment Checklist			
401614743	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
401614746	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 checked="" type="checkbox"/>	No <input type="checkbox"/>
	Other	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Other Attachments			
401614729	LAS-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401614730	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401614737	LAS-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401614738	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401614739	PDF-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401614740	LAS-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401614742	WELL LOCATION PLAT	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401614748	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
		Stamp Upon Approval

Total: 0 comment(s)