

Method used	String	Cementing tool setting/perf depth	Cement volume	Cement top	Cement bottom
PERF & PUMP	1ST	7,140	145	6,725	7,140
PERF & PUMP	1ST	4,495	200	4,180	4,495
SQUEEZE	1ST	1,350	480	696	1,347

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	

Comment:

FORM 5 FOR REMEDIAL CEMENT JOB.

From: Schlagenhauf - DNR, Mark [mailto:mark.schlagenhauf@state.co.us]

Sent: Monday, April 06, 2015 1:56 PM

To: Schaly, Nicole

Cc: Elliss, Robert

Subject: Re: William E Gee GU 2 (05-123-10066)

Nicole,

No objection.

Mark Schlagenhauf P.E.

Northeastern Engineer

On Mon, Apr 6, 2015 at 1:44 PM, Schaly, Nicole <Nicole.Schaly@anadarko.com> wrote:

Good afternoon Mark,

We are currently rigged up on the William E Gee GU 2 (05-123-10066). It was planned for a Niobrara squeeze, and annular fill to cover the Sussex/Shannon and aquifer. We ran a CBL to start the job, and it is attached. There is significant bondage at ~4504'-4520' and

we are not confident that we would be able to work the 1.66" tubing down past this point. Additionally there are some stringers even further uphole that we may have issues getting past as well.

Moving forward, we would like to change the annular fill over the Sussex to a squeeze, and keep the aquifer coverage as an annular fill.

The squeeze would be designed to shoot squeeze holes at 4495' and 4180'. The CICR would be set at 4210'. We would pump 200 sx of cement. We would then log this when the job is complete to confirm cement coverage.

Please let me know if we can proceed, and feel free to give me a call if you have additional questions.

Thanks!

Nicole Schaly

Production Engineer

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

Signed: _____

Print Name: REBECCA HEIM

Title: SR. REGULATORY ANALYST

Date: _____

Email: rscdjpostdrill@anadarko.com

Attachment Check List

Att Doc Num	Document Name	attached ?	
Attachment Checklist			
400834723	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			
400834722	OPERATIONS SUMMARY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400834724	GYRO SURVEY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400834725	WELLBORE DIAGRAM	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400834726	PDF-CBL 1ST RUN	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400834727	PDF-CBL 2ND RUN	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)