

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	3,427	3,745	NO	NO	
SUSSEX	3,957	4,184	NO	NO	
SHANNON	4,508	4,588	NO	NO	
SHARON SPRINGS	7,006		NO	NO	
NIOBRARA	7,308		NO	NO	

Operator Comments:

An exception to Rule 317.p, Requirement to Log Well, was approved for this well. No open hole resistivity log with gamma ray was run. This log was run in the Raindance FD 20-359HC (API # 05-123-44988) in the form of a Composite Log.

Surface Casing Cement Job Summary incorrectly reports the surface casing setting depth.

MWD incorrectly reports the spud date, elevation, and casing record.

Mud incorrectly reports the elevation.

CBL incorrectly reports the SHL (section), elevation, depth driller, and casing record.

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

Signed: _____

Print Name: Jack Desmond

Title: Regulatory Analyst

Date: _____

Email: jdesmond@gwogco.com

Attachment Check List

Att Doc Num	Document Name	attached ?	
<u>Attachment Checklist</u>			
402169022	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
402160345	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"/>
<u>Other Attachments</u>			
401766921	LAS-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401825700	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402166978	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402167008	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402167012	PDF-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402283096	PDF-	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402283097	PDF-	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402283099	PDF-	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	<ul style="list-style-type: none"> •CBL/GR indicates surface casing set at 1520' KB. •CBL header covered •VDL does indicate cement into surface •Engineering review complete 	12/11/2019

Total: 1 comment(s)

