

CASING, LINER AND CEMENT

Casing Type	Size of Hole	Size of Casing	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Top	Cmt Bot	Status
SURF	17+1/4	13+3/8	48	0	139				
1ST		9+5/8	36	0	80				
2ND	7+7/8	5+1/2	15.5	0	6,798	1,415	0	6,810	VISU
TAPER	12+1/4	8+5/8	24	139	1,014	600	0	1,014	VISU

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	
FOX HILLS	630				
PIERRE	736				
HYGIENE	3,786				
NIOBRARA	5,830				
FORT HAYS	6,199				
CODELL	6,226				
CARLILE	6,241				
GREENHORN	6,282				
GRANEROS	6,353				
D SAND	6,601				
HUNTSMAN	6,619				
J SAND	6,648				
SKULL CREEK	6,772				

Operator Comments:

This Form 5 is being submitted in response to a July 26, 2018 data request for a new Drilling Completion Report for wells that have not had one filed since 1999.

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

Signed: _____ Print Name: Anthony P. Trinko

Title: Sr. Reservoir Engineer Date: 9/3/2019 Email: anthony_trinko@kindermorgan.com

Attachment Check List

Att Doc Num	Document Name	attached ?	
<u>Attachment Checklist</u>			
	CMT Summary *	Yes <input type="checkbox"/>	No <input checked="" 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"/>
<u>Other Attachments</u>			
402164163	FORM 5 SUBMITTED	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402164165	WELLBORE DIAGRAM	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineering Tech	List of all logs run was edited Corrected casing type nomenclature to reflect WBD. Corrected 2nd string csg top per WBD. Corrected 2nd string cement bottom to TD	11/12/2019

Total: 1 comment(s)

