

**DRILLING COMPLETION REPORT**

Document Number:  
401403142

Date Received:

This form is to be submitted within 30 days of the setting of production casing, the plugging of a dry hole, the deepening or sidetracking of a well, or any time the wellbore configuration is changed. If the well is deepened or sidetracked a new Form 5 is required. If an attempt has been made to complete/produce a well, then the operator shall submit Form 5A (Completed Interval Report.) If the well has been plugged, a form 6 (Well Abandonment Report) is required.

Completion Type  Final completion  Preliminary completion

OGCC Operator Number: 10542 Contact Name: PAUL GOTTLÖB  
 Name of Operator: CUB CREEK ENERGY Phone: (720) 420-5747  
 Address: 200 PLAZA DRIVE SUITE 100 Fax: \_\_\_\_\_  
 City: HIGHLANDS State: CO Zip: 80129

API Number 05-123-42772-00 County: WELD  
 Well Name: Litzenberger Well Number: 13  
 Location: QtrQtr: SENE Section: 8 Township: 3N Range: 68W Meridian: 6  
 Footage at surface: Distance: 1953 feet Direction: FNL Distance: 1064 feet Direction: FEL  
 As Drilled Latitude: 40.242260 As Drilled Longitude: -105.021400

GPS Data:  
 Date of Measurement: 09/15/2017 PDOP Reading: 2.2 GPS Instrument Operator's Name: Scott Sherard

\*\* If directional footage at Top of Prod. Zone Dist.: 2485 feet. Direction: FSL Dist.: 460 feet. Direction: FEL  
 Sec: 8 Twp: 3N Rng: 68W  
 \*\* If directional footage at Bottom Hole Dist.: 2468 feet. Direction: FSL Dist.: 475 feet. Direction: FWL  
 Sec: 8 Twp: 3N Rng: 68W

Field Name: WATTENBERG Field Number: 90750  
 Federal, Indian or State Lease Number: \_\_\_\_\_

Spud Date: (when the 1st bit hit the dirt) 07/19/2017 Date TD: 08/05/2017 Date Casing Set or D&A: 08/06/2017  
 Rig Release Date: 09/10/2017 Per Rule 308A.b.

Well Classification:  
 Dry  Oil  Gas/Coalbed  Disposal  Stratigraphic  Enhanced Recovery  Storage  Observation

Total Depth MD 11920 TVD\*\* 7036 Plug Back Total Depth MD 11881 TVD\*\* 7036  
 Elevations GR 5080 KB 5097 **Digital Copies of ALL Logs must be Attached per Rule 308A**

List Electric Logs Run:  
CBL, Mud, MWD/LWD, (Triple Combo in API 05-123-42781)

**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
CONDUCTOR	26	16	43	0	80	400	0	80	VISU
SURF	13+1/2	9+5/8	36	0	1,543	406	0	1,543	VISU
1ST	8+1/2	5+1/2	17	0	11,906	1,840	340	11,906	CBL

### 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	3,636		NO	NO	
SUSSEX	4,095		NO	NO	
SHARON SPRINGS	7,063		NO	NO	
NIOBRARA	7,261		NO	NO	

Comment:

The stated footages for the TPZ are at MD 7544', TVD 7115', if changed upon completion this will be updated on the Form 5A.  
(TAKEN FROM THE DIRECTIONAL SURVEY)

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

Signed: \_\_\_\_\_

Print Name: PAUL GOTTLÖB

Title: Regulatory & Engin. Tech.

Date: \_\_\_\_\_

Email: paul.gottlob@iptenergyservices.com

### Attachment Check List

Att Doc Num	Document Name	attached ?	
<b>Attachment Checklist</b>			
401407714	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
401441443	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"/>
<b>Other Attachments</b>			
401406936	LAS-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401406938	LAS-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401406939	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401406940	PDF-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401433335	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401435046	LAS-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401441437	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)