

**DRILLING COMPLETION REPORT**

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.

Document Number:  
401137082

Date Received:

Completion Type  Final completion  Preliminary completion

OGCC Operator Number: 10542 Contact Name: Paul Gottlob

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 05-123-43649-00 County: WELD

Well Name: MARKHAM Well Number: 2

Location: QtrQtr: NWSE Section: 32 Township: 4N Range: 68W Meridian: 6

Footage at surface: Distance: 2341 feet Direction: FSL Distance: 1514 feet Direction: FEL

As Drilled Latitude: 40.268670 As Drilled Longitude: -105.023120

GPS Data:  
Date of Measurement: 11/04/2016 PDOP Reading: 3.5 GPS Instrument Operator's Name: Casey Kohout

\*\* If directional footage at Top of Prod. Zone Dist.: 358 feet. Direction: FSL Dist.: 460 feet. Direction: FEL  
Sec: 32 Twp: 4N Rng: 68W

\*\* If directional footage at Bottom Hole Dist.: 253 feet. Direction: FSL Dist.: 482 feet. Direction: FWL  
Sec: 32 Twp: 4N Rng: 68W

Field Name: WATTENBERG Field Number: 90750

Federal, Indian or State Lease Number: \_\_\_\_\_

Spud Date: (when the 1st bit hit the dirt) 10/09/2016 Date TD: 10/13/2016 Date Casing Set or D&A: 10/15/2016

Rig Release Date: 10/20/2016 Per Rule 308A.b.

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

Total Depth MD 12395 TVD\*\* 7284 Plug Back Total Depth MD 12366 TVD\*\* 7284

Elevations GR 5043 KB 5065 **Digital Copies of ALL Logs must be Attached per Rule 308A**

List Electric Logs Run:  
CBL, Mud, MWD, (Triple Combo in API 05-123-43275)

**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	1,528	550	0	1,528	VISU
1ST	8+1/2	5+1/2	17	0	12,384	2,000	250	12,384	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	3,780		NO	NO	
SUSSEX	4,252		NO	NO	
SHARON SPRINGS	7,355		NO	NO	
NIOBRARA	7,510		NO	NO	
FORT HAYS	7,943		NO	NO	
CODELL	8,014				

Comment:

The stated footages for the TPZ are at MD 8036', TVD 7342', if changed upon completion this will be updated on the Form 5A.

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

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

Print Name: Paul Gottlob

Title: Regulatory & Engin. Tech.

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

Email: paul.gottlob@iptenergyservices.com

### Attachment Check List

Att Doc Num	Document Name	attached ?	
<b>Attachment Checklist</b>			
401161147	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
401160922	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>			
401158602	PDF-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401158604	LAS-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401158606	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401158610	LAS-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401158612	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401158616	LAS-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401160916	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)