

**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:  
400590806

Date Received:  
04/21/2014

Completion Type  Final completion  Preliminary completion

OGCC Operator Number: 10071 Contact Name: Christina Hirtler

Name of Operator: BARRETT CORPORATION\* BILL Phone: (303) 312-8597

Address: 1099 18TH ST STE 2300 Fax: (303) 291-0420

City: DENVER State: CO Zip: 80202

API Number 05-123-37921-00 County: WELD

Well Name: 70 Ranch Well Number: 4-63-03-3225CH

Location: QtrQtr: NWSW Section: 3 Township: 4N Range: 63W Meridian: 6

Footage at surface: Distance: 2018 feet Direction: FSL Distance: 234 feet Direction: FWL

As Drilled Latitude: 40.339410 As Drilled Longitude: -104.432790

GPS Data:  
Date of Measurement: 11/27/2013 PDOP Reading: 2.1 GPS Instrument Operator's Name: Wyatt Hall

\*\* If directional footage at Top of Prod. Zone Dist.: 2604 feet. Direction: FNL Dist.: 597 feet. Direction: FWL  
Sec: 3 Twp: 4N Rng: 63W

\*\* If directional footage at Bottom Hole Dist.: 2705 feet. Direction: FNL Dist.: 487 feet. Direction: FEL  
Sec: 3 Twp: 4N Rng: 63W

Field Name: WATTENBERG Field Number: 90750

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

Spud Date: (when the 1st bit hit the dirt) 10/31/2013 Date TD: 01/21/2014 Date Casing Set or D&A: 01/22/2014

Rig Release Date: \_\_\_\_\_ Per Rule 308A.b.

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

Total Depth MD 10990 TVD\*\* 6381 Plug Back Total Depth MD 10990 TVD\*\* 6381

Elevations GR 4559 KB 4582 **Digital Copies of ALL Logs must be Attached per Rule 308A**

List Electric Logs Run:  
MUD, CBL, Gamma Ray

**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	24	16	65	0	82	50	0	82	CALC
SURF	13+1/2	9+5/8	36	0	832	364	0	842	CALC
1ST	8+3/4	7	26	23	6,790	600	3,366	6,816	CBL
1ST LINER	6+1/8	4+1/2	11.6	5677	10,980				

### 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	
SHANNON	4,587				
SHARON SPRINGS	6,184				
NIOBRARA	6,307				

Comment:

Spud on form 42 is 10/29/2013, actual spud is 10/31/2013.  
Conductor and surface casing has been adjusted from Preliminary Form 5 based on actual hole conditions.

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

Signed: \_\_\_\_\_ Print Name: Christina Hirtler

Title: Permit Analyst Date: 4/21/2014 Email: chirtler@billbarrettcorp.com

### Attachment Check List

Att Doc Num	Document Name	attached ?	
<b>Attachment Checklist</b>			
400591080	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
400590933	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>			
400590806	FORM 5 SUBMITTED	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400590917	PDF-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400590918	PDF-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400590919	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400590921	PDF-Measurement/Logging While Drilling	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400590925	LAS-Measurement/Logging While Drilling	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400590928	PDF-Measurement/Logging While Drilling	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400590936	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400862917	PDF-MEASUREMENT/LOGGING WHILE DRILLING	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400862922	PDF-MEASUREMENT/LOGGING WHILE DRILLING	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400862927	PDF-MEASUREMENT/LOGGING WHILE DRILLING	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400862932	LAS-MEASUREMENT/LOGGING WHILE DRILLING	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	MUD and CBL logs OK; MWD logs missing API number. Operator contacted and form returned to draft.	6/16/2015 12:52:15 PM

Total: 1 comment(s)