

FORM
5Rev
09/14State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



DE ET OE ES

Document Number:

401492999

Date Received:

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.

Completion Type ☒ Final completion ☐ Preliminary completion

OGCC Operator Number: 10071

Contact Name: Matt Barber

Name of Operator: BARRETT CORPORATION* BILL

Phone: (303) 3128188

Address: 1099 18TH ST STE 2300

Fax:

City: DENVER

State: CO

Zip: 80202

API Number 05-123-43430-00

County: WELD

Well Name: Anschutz Equus Farms

Well Number: 3-62-4-2532CN

Location: QtrQtr: NESE Section: 4 Township: 3N Range: 62W Meridian: 6

Footage at surface: Distance: 2565 feet Direction: FSL Distance: 325 feet Direction: FEL

As Drilled Latitude: 40.254769 As Drilled Longitude: -104.320499

GPS Data:

Date of Measurement: 11/01/2017 PDOP Reading: 1.5 GPS Instrument Operator's Name: Loren Shanks

** If directional footage at Top of Prod. Zone Dist.: 2081 feet. Direction: FNL Dist.: 560 feet. Direction: FEL

Sec: 4 Twp: 3N Rng: 62W

** If directional footage at Bottom Hole Dist.: 1984 feet. Direction: FNL Dist.: 379 feet. Direction: FEL

Sec: 5 Twp: 3N Rng: 62W

Field Name: WATTENBERG

Field Number: 90750

Federal, Indian or State Lease Number: CO13949

Spud Date: (when the 1st bit hit the dirt) 10/29/2017 Date TD: 11/16/2017 Date Casing Set or D&A: 11/16/2017

Rig Release Date: 11/20/2017 Per Rule 308A.b.

Well Classification:

☐ Dry ☒ Oil ☐ Gas/Coalbed ☐ Disposal ☐ Stratigraphic ☐ Enhanced Recovery ☐ Storage ☐ Observation

Total Depth MD 16331 TVD** 6323 Plug Back Total Depth MD 16323 TVD** 6323

Elevations GR 4613 KB 4633

Digital Copies of ALL Logs must be Attached per Rule 308A ☐

List Electric Logs Run:

MWD/LWD; MUD; RESISTIVITY

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	12+1/4	9+5/8	36	0	822	263	0	822	VISU
1ST	8+3/4	7	26	0	6,598	629	822	6,598	
1ST LINER	6+1/8	4+1/2	11.6	5764	16,327				

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	4,442		NO	NO	
SHARON SPRINGS	5,991		NO	NO	
NIOBRARA	6,121		NO	NO	

Comment:

- While running the production liner, before landing on bottom, our 4.5" production casing parted 13 joints below the liner hanger. We attempted to fish the casing string several times but were ultimately unsuccessful. With the fish top inside of 7" casing, we are unable to perform a sidetrack and have decided to P&A the original hole and redrill the well.
 - The total MD of the hole to be abandoned is 16331' MD.
 - 9 5/8" surface casing is set at 822' MD.
 - 7" Intermediate casing is set at 6598' MD.
 - There is a fish in the hole from 6171' MD to 15867' MD.
 - There is a 7" bridge plug in the hole at 5792' MD.
- We propose 3 cement plugs as follows: 100', 25 sack plug set from 5780-5680' MD
100', 25 sack plug set from 875-775' MD
100', 25 sack plug at surface.
- Cement will be 15ppg Class G roughly 1cf/sk yield.
 - The objective formation for the redrill hole is the Niobrara formation, which is the same objective formation as the wellbore being abandoned.
 - The PBHL of the redrill hole is the same as the wellbore being abandoned.

PBTD is taken from the float collar set depth.

Mudlog has permitted bottom hole location footages, please utilize well information tab for bottom hole location footages that were calculated by a BBC geologist.

Cement job summary has incorrect set depth for casing string please utilize data provided in casing tab.

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

Signed: _____

Print Name: Rachel Milne

Title: Regulatory Analyst

Date: _____

Email: rmilne@billbarrettcorp.com

Attachment Check List

Att Doc Num	Document Name	attached ?	
<u>Attachment Checklist</u>			
401496050	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
401496039	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>			
401496025	PDF-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401496030	PDF-RESISTIVITY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401496031	LAS-RESISTIVITY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401496035	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401496037	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401496038	LAS-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401496041	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401496176	CORRESPONDENCE	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)