

WELL ABANDONMENT REPORT

This form is to be submitted as an Intent to Abandon whenever an abandonment is planned on a borehole. After the abandonment is complete, this form shall again be submitted as a Subsequent Report of the actual work completed. The approved intent shall be valid for six months after the approval date, after that period, a new intent will be required. Attachments required with the Intent to Abandon are wellbore diagrams of the current configuration and the proposed configuration with plugs set.

A Subsequent Report of Abandonment shall indicate the actual work completed. Attachments required with a Subsequent Report are a wellbore diagram showing plugs that were set and casing remaining in the hole, the job summaries from all plugging contractors used, including wireline and cementing (third party verification) and any logs that may have been run during abandonment.

Document Number:
401523167

Date Received:
01/26/2018

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 Email: mbarber@billbarrettcorp.com

For "Intent" 24 hour notice required, Name: Montoya, John Tel: (970) 397-4124

COGCC contact: Email: john.montoya@state.co.us

API Number 05-123-09837-00

Well Name: STATE Well Number: 1-4

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

County: WELD Federal, Indian or State Lease Number: 79-4011

Field Name: MONAHAN LAKES Field Number: 55800

Notice of Intent to Abandon Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.249536 Longitude: -104.331283

GPS Data:
Date of Measurement: 11/13/2015 PDOP Reading: 1.9 GPS Instrument Operator's Name: Jared Christopher

Reason for Abandonment: Dry Production Sub-economic Mechanical Problems

Other Offset Well Mitigation

Casing to be pulled: Yes No Estimated Depth: 5200

Fish in Hole: Yes No If yes, explain details below

Wellbore has Uncemented Casing leaks: Yes No If yes, explain details below

Details: Production casing was cut as part of the original plugging

Current and Previously Abandoned Zones

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
NIOBRARA	6188	7039	08/16/1985	CEMENT	6188

Total: 1 zone(s)

Casing History

Casing Type	Size of Hole	Size of Casing	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bot	Cement Top	Status
SURF	12+1/4	8+5/8	24	205		205	0	VISU
1ST	7+7/8	4+1/2	10.5	7,071	240	7,071	6,260	CALC

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth _____ with _____ sacks cmt on top. CIBP #2: Depth _____ with _____ sacks cmt on top.
CIBP #3: Depth _____ with _____ sacks cmt on top. CIBP #4: Depth _____ with _____ sacks cmt on top.
CIBP #5: Depth _____ with _____ sacks cmt on top.

NOTE: Two(2) sacks cement required on all CIBPs.

Set 50 sks cmt from 2500 ft. to 2400 ft. Plug Type: OPEN HOLE Plug Tagged:
Set 50 sks cmt from 1500 ft. to 1400 ft. Plug Type: OPEN HOLE Plug Tagged:
Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged:
Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged:
Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged:
Perforate and squeeze at _____ ft. with _____ sacks. Leave at least 100 ft. in casing _____ CICR Depth
Perforate and squeeze at _____ ft. with _____ sacks. Leave at least 100 ft. in casing _____ CICR Depth
Perforate and squeeze at _____ ft. with _____ sacks. Leave at least 100 ft. in casing _____ CICR Depth
(Cast Iron Cement Retainer Depth)
Set 140 sacks half in. half out surface casing from 425 ft. to 0 ft. Plug Tagged:
Set 25 sacks at surface
Cut four feet below ground level, weld on plate Above Ground Dry-Hole Marker: Yes No
Set _____ sacks in rat hole Set _____ sacks in mouse hole

Additional Plugging Information for Subsequent Report Only

Casing Recovered: _____ ft. _____ inch casing Plugging Date: _____
of _____
*Wireline Contractor: _____ *Cementing Contractor: _____
Type of Cement and Additives Used: _____
Flowline/Pipeline has been abandoned per Rule 1103 Yes No *ATTACH JOB SUMMARY

Technical Detail/Comments:

BBC is submitting this NOI form 6 for the purpose to re-enter and adequately re-plug prior to hydraulic stimulation as agreed in offset well mitigation, option 3. 3 (DJ Basin Horizontal Offset Policy).

As per a conversation between Diana Burn, Heidi Reger, and Matt Barber, attached is copy of an email to Mr. Mike Cervi (surface owner) who provided BBC a verbal approval to proceed re-plugging operations on the subject well. Since Mr. Cervi did not want to sign an agreement and only provided BBC with a verbal approval to proceed, Diana stated that the COGCC would accept this email verification in lieu of a written SUA.

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: 1/26/2018 Email: rmilne@billbarrettcorp.com

Based on the information provided herein, this Well Abandonment Report (Form 6) complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved: McCoy, Diane Date: 1/31/2018

CONDITIONS OF APPROVAL, IF ANY: _____

Expiration Date: 7/30/2018

COA Type	Description
	1) Provide 48 hour notice of plugging MIRU via electronic Form 42. 2) Submit as-built well location GPS data with the Form 6 Subsequent Report of Abandonment. 3) Operator shall implement measures to control unnecessary and excessive venting, to protect the health and safety of the public, and to ensure that vapors and odors from well plugging operations do not constitute a nuisance or hazard to public welfare. 4) Leave at least 100' of cement in the wellbore for each plug. 5) If unable to wash down after drilling out plugs previously set stop and contact COGCC engineer for an update to the plugging procedure.

Attachment Check List

Att Doc Num	Name
401523167	FORM 6 INTENT SUBMITTED
401523334	PROPOSED PLUGGING PROCEDURE
401523335	WELLBORE DIAGRAM
401523336	OTHER
401527413	LOCATION PHOTO

Total Attach: 5 Files

General Comments

User Group	Comment	Comment Date
Engineer	Added formation information to the zones section based on well completion report doc #1094149. Added cement bottoms and cement status. Calculated the cement top for the first string. Added cement top for the surface string. Corrected first string hole size.	01/31/2018
Permit	Pass	01/31/2018
Permit	Returned to draft. Location photos inadequate - dont show surrounding area.	01/24/2018
Public Room	Well file not found for verification - passed task 01/23/18	01/23/2018

Total: 4 comment(s)