

FORM
6Rev
12/05State 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:

400372850

Date Received:

01/22/2013

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.

OGCC Operator Number: 10071

Contact Name: Kevin Bickel

Name of Operator: BARRETT CORPORATION* BILL

Phone: (303) 312-8173

Address: 1099 18TH ST STE 2300

Fax: (303) 291-0420

City: DENVER State: CO Zip: 80202

Email: KBickel@billbarrettcorp.com

For "Intent" 24 hour notice required,

Name: PRECUP, JIM

Tel: (303) 726-3822

COGCC contact:

Email: james.precup@state.co.us

API Number 05-001-06669-00

Well Name: BOX ELDER G

Well Number: 4

Location: QtrQtr: NENW Section: 24 Township: 2S Range: 65W Meridian: 6

County: ADAMS

Federal, Indian or State Lease Number:

Field Name: AMBUSH

Field Number: 2450

☒ Notice of Intent to Abandon☐ Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 39.868460

Longitude: -104.614470

GPS Data:

Date of Measurement: 10/02/2006

PDOP Reading: 1.8

GPS Instrument Operator's Name: Brian Brinkman

Reason for Abandonment: ☐ Dry☒ Production for Sub-economic☐ Mechanical Problems☐ OtherCasing to be pulled: ☐ Yes☒ No

Estimated Depth: 8142

Fish in Hole: ☐ Yes☒ No

If yes, explain details below

Wellbore has Uncemented Casing leaks: ☐ Yes☐ No

If yes, explain details below

Details:

Current and Previously Abandoned Zones

| Formation | Perf. Top | Perf. Btm | Abandoned Date | Method of Isolation | Plug Depth |
|-----------|-----------|-----------|----------------|---------------------|------------|
| J SAND | 8031 | 8049 | | | |

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 | 224 | 170 | 224 | 0 | CALC |
| 1ST | 7+7/8 | 5+1/2 | 17 | 8,124 | 150 | 8,142 | 7,542 | CALC |
| | | | Stage Tool | 1,663 | 350 | 1,663 | 0 | CALC |

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7168 with 2 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 _____ | sks cmt from _____ | ft. to _____ | ft. | Plug Type: _____ | Plug Tagged: <input type="checkbox"/> |
| Set <u>20</u> | sks cmt from <u>1700</u> | ft. to <u>1600</u> | ft. | Plug Type: <u>CASING</u> | Plug Tagged: <input checked="" type="checkbox"/> |
| Set <u>12</u> | sks cmt from <u>275</u> | ft. to <u>175</u> | ft. | Plug Type: <u>CASING</u> | Plug Tagged: <input type="checkbox"/> |
| Set <u>12</u> | sks cmt from <u>7981</u> | ft. to <u>7881</u> | ft. | Plug Type: <u>CASING</u> | Plug Tagged: <input type="checkbox"/> |
| Set <u>12</u> | sks cmt from <u>7168</u> | ft. to <u>7068</u> | ft. | Plug Type: <u>CASING</u> | Plug Tagged: <input type="checkbox"/> |

Perforate and squeeze at 8031 ft. with 10 sacks. Leave at least 100 ft. in casing 7981 CICR Depth
Perforate and squeeze at 7200 ft. with 20 sacks. Leave at least 100 ft. in casing 7168 CICR Depth
Perforate and squeeze at _____ ft. with _____ sacks. Leave at least 100 ft. in casing _____ CICR Depth

(Cast Iron Cement Retainer Depth)

Set _____ sacks half in. half out surface casing from _____ ft. to _____ ft. Plug Tagged: ☐
Set 12 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. of _____ inch casing Plugging Date: _____
*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:

This form 6 is being submitted to replace doc#400366289 because the plugging procedure's have been revised (CIBP information has been updated and perforate/squeeze data is revised) and the before and after wellbore diagrams have been updated.

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

Signed: _____ Print Name: Mary Pobuda
Title: Permit Analyst Date: 1/22/2013 Email: mpobuda@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: BURN, DIANA Date: 2/11/2013

CONDITIONS OF APPROVAL, IF ANY:

Expiration Date: 8/10/2013

NOTE: Additional plugs and retainers – bottom plug perfs are formation perfs

- 1) Provide 24 hour notice of MIRU to Jim Precup at 303-726-3822 or e-mail at James.Precup@state.co.us.
- 2) For 1700' plug: pump plug and displace, shut-in, WOC 4 hours and tag plug (must be 1600' or shallower). . Leave at least 100' cement in the casing for each plug.
- 3) Properly abandon flowlines as per Rule 1103.

Attachment Check List

| Att Doc Num | Name |
|-------------|-------------------------|
| 400372850 | FORM 6 INTENT SUBMITTED |
| 400372877 | WELLBORE DIAGRAM |

Total Attach: 2 Files

General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|-------------------|--|-------------------------|
| Engineer | primary cement below Nio - asked for preferred method to place plug outside of casing | 1/28/2013 3:33:56 PM |
| Engineer | LOCATION: NE1/4 OF NW1/4 OF SEC. 24, T.2s., R.65W. (660 NSL, 1980 WSL) Ground Elevation: 5273 Number of Acres: 160 ELEVATION DEPTH TO ANNUAL ----- NET ----- APPROP STATUS AQUIFER BOT. TOP SAND BOT. TOP A-F ----- UPPER DAWSON ---- - LOWER DAWSON ---- - DENVER 4815 5207 147.5 458 66 40.12 NNT UPPER ARAPAHOE 4601 4779 108.1 672 494 29.41 NT LOWER ARAPAHOE 4321 4526 89.2 952 747 24.27 NT LARAMIE-FOX HILLS 3695 3944 147.3 1578 1329 35.34 NT note: E indicates location is at aquifer boundary and values | 1/28/2013 2:21:27 PM |
| Permit | Well completion or recompletetion report #370544 dated 1/18/1974 | 1/23/2013 5:34:51 AM |

Total: 3 comment(s)