

FORM  
6Rev  
11/20

# State of Colorado Oil and Gas Conservation Commission

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



|    |    |    |    |
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| DE | ET | OE | ES |
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Document Number:

401877677

Date Received:

03/31/2022

## 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: 10261

Contact Name: Kevin Kane

Name of Operator: BAYSWATER EXPLORATION &amp; PRODUCTION LLC

Phone: (303) 893-2503

Address: 730 17TH ST STE 500

Fax:

City: DENVER State: CO Zip: 80202

Email: kkane@bayswater.us

For "Intent" 24 hour notice required,

Name:

Tel:

COGCC contact:

Email:

Type of Well Abandonment Report:



Notice of Intent to Abandon



Subsequent Report of Abandonment

API Number 05-001-07023-00

Well Name: HAZLET A

Well Number: 2

Location: QtrQtr: SWNE

Section: 32

Township: 1S

Range: 64W

Meridian: 6

County: ADAMS

Federal, Indian or State Lease Number:

Field Name: JAMBOREE

Field Number: 40590

### Only Complete the Following Background Information for Intent to Abandon

Latitude: 39.922331

Longitude: -104.571717

GPS Data: GPS Quality Value: 1.5 Type of GPS Quality Value: PDOP Date of Measurement: 08/10/2010

Reason for Abandonment:


☐ Production Sub-economic

☐ Mechanical Problems

☐ Other

Casing to be pulled:



Estimated Depth:

Fish in Hole:



If yes, explain details below

Wellbore has Uncemented Casing leaks:



If yes, explain details below

Details:

### Current and Previously Abandoned Zones

| Formation | Perf. Top | Perf. Btm | Abandoned Date | Method of Isolation | Plug Depth |
|-----------|-----------|-----------|----------------|---------------------|------------|
| D SAND    | 7823      | 7830      |                |                     |            |
| J SAND    | 7888      | 7939      |                |                     |            |

Total: 2 zone(s)

### Casing History

| Casing Type | Size of Hole | Size of Casing | Grade | Wt/Ft | Csg/Liner Top | Setting Depth | Sacks Cmt | Cmt Btm | Cmt Top | Status |
|-------------|--------------|----------------|-------|-------|---------------|---------------|-----------|---------|---------|--------|
| SURF        | 12+1/4       | 8+5/8          | K55   | 24    | 0             | 200           | 200       | 200     | 0       | VISU   |
| 1ST         | 7+7/8        | 4+1/2          | K55?  | 11.6  | 0             | 7999          | 150       | 7999    | 7360    | CBL    |

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7770 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 366 sks cmt from 720 ft. to 0 ft. Plug Type: STUB PLUG 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: ☐  
Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Plug Type: \_\_\_\_\_ Plug Tagged: ☐

Perforate and squeeze at 7000 ft. with 50 sacks. Leave at least 100 ft. in casing 6950 CICR Depth

Perforate and squeeze at 2400 ft. with 40 sacks. Leave at least 100 ft. in casing 2350 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 \_\_\_\_\_ 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: 700 ft. of 4+1/2 inch casing

Surface Plug Setting Date: 11/02/2018 Cut and Cap Date: 11/08/2018 Number of Days from Setting Surface Plug to Capping or Sealing the Well: 6

\*Wireline Contractor: Ranger Energy Services

\*Cementing Contractor: Ranger Energy Services

Type of Cement and Additives Used: Neat, 1.15 cf/sk yield

Flowline/Pipeline has been abandoned per Rule 1105 ☒ Yes ☐ No

#### Technical Detail/Comments:

The Hazlett A2 4 1/2" casing was cut and recovered at a wireline depth of 700 ft. versus the intended 1,400 ft due to the 4 1/2" casing not being free at the intended depth. Interpretation of the CBL run 10/31/2018 indicated plugging material in intervals on the bond log signature and amplitude curves intermittently from approximately 720 ft. to 1,170 ft. The pipe free point at 700' is believed to be further confirmed by not being able to re-enter the 4 1/2" stub at 700 ft. with tubing to set surface plug. The top plug consisted of circulating 366 sacks of neat cement from a tubing measured depth of 720 ft. to surface.

The departure of the actual procedure from the approved intent was believed to be within the scope of the approved intent as referenced in step 14 of the stated intent procedure:

14) Attempt to cut 4 1/2" casing at 1,400' or at the shallowest freepoint, (minimum 400') and TOO H.

Bayswater's technical review concludes that the Laramie-Fox Hills strata is adequately isolated from below by virtue of the CIBP set above the D & J sand intervals as well as the 2 CICR cement squeezes at 7,000' and 2,400' respectively. These water strata are also protected from above by the solid 720' cement plug set at surface. The surface plug covers the Denver, Upper and most, if not, all the Lower Arapahoe.

The Hazlett A2 flowline was abandoned in place on 11/7/2018. Form 44 documents submitted and approved:

Document # 401725286 for line registration

Document # 401965734 for line abandonment

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

Signed: \_\_\_\_\_ Print Name: Kevin Kane

Title: Operations Manager Date: 3/31/2022 Email: kkane@bayswater.us

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

COGCC Approved:

Date: 8/12/2022

**CONDITIONS OF APPROVAL, IF ANY:**

**Condition of Approval**

**COA Type**

**Description**

|       |   |
|-------|---|
|       | 44 has been filed for flowline abandonment. |
| 1 COA |   |

**Attachment List**

**Att Doc Num**

**Name**

|           |                             |
|-----------|-----------------------------|
| 401877677 | FORM 6 SUBSEQUENT SUBMITTED |
| 401877693 | GYRO SURVEY                 |
| 401877699 | CEMENT BOND LOG             |
| 401877714 | WELLBORE DIAGRAM            |
| 401877719 | WIRELINER JOB SUMMARY       |
| 403000962 | CEMENT JOB SUMMARY          |
| 403001025 | OPERATIONS SUMMARY          |

Total Attach: 7 Files

**General Comments**

**User Group**

**Comment**

**Comment Date**

|  |  |            |
|--|--|------------|
|  | Denver 5000 5132 86.2 219 87 23.45NNT<br>Upper Arapahoe4735 4948 48.6 484 271 13.22NT<br>Lower Arapahoe4403 4660 106.2 816 559 28.89NT<br>Laramie-Fox Hills3760 4024 167.2 1459 1195 40.13NT | 03/17/2022 |
|--|--|------------|

Total: 1 comment(s)