

FORM  
6Rev  
05/18State 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:

401677637

Date Received:

06/21/2018

## 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: Precup, Jim

Tel: (303) 726-3822

COGCC contact:

Email: james.precup@state.co.us

API Number 05-001-08190-00

Well Name: RANDALL

Well Number: 22-2

Location: QtrQtr: SENW Section: 2 Township: 1S Range: 64W Meridian: 6

County: ADAMS

Federal, Indian or State Lease Number:

Field Name: KRAUTHEAD

Field Number: 47550

☒ Notice of Intent to Abandon☐ Subsequent Report of Abandonment

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

Latitude: 39.994428

Longitude: -104.520417

GPS Data:

Date of Measurement: 07/31/2010

PDOP Reading: 1.1

GPS Instrument Operator's Name: Steve Robison

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

Estimated Depth: 450

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
D SAND	7515	7520			
J SAND	7578	7584			

Total: 2 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	23	207	135	207	0	VISU
1ST	7+7/8	4+1/2	11.6	7,714	200	7,714	7,220	CBL

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7450 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 15 sks cmt from 1240 ft. to 1080 ft. Plug Type: CASING 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 6750 ft. with 50 sacks. Leave at least 100 ft. in casing 6700 CICR Depth

Perforate and squeeze at 2500 ft. with 40 sacks. Leave at least 100 ft. in casing \_\_\_\_\_ CICR Depth

Perforate and squeeze at 650 ft. with 130 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: \_\_\_\_\_ ft. \_\_\_\_\_ inch casing Plugging Date: \_\_\_\_\_  
of \_\_\_\_\_

\*Wireline Contractor: \_\_\_\_\_ \*Cementing Contractor: \_\_\_\_\_

Type of Cement and Additives Used: \_\_\_\_\_

Flowline/Pipeline has been abandoned per Rule 1105 ☐ Yes ☐ No \*ATTACH JOB SUMMARY

Technical Detail/Comments:

Current WB Diagram also shows a Sliding Sleeve set at @ 1,191', with 1500 gal AnGel displaced on 9/27/1982, estimated displacement of viscous gel up to 800' over Fox Hills.

**Proposed Plugging Procedure:**

- 1) Perform Bradenhead test. Sample any fluid or gas present on bradenhead and provide to the state.
- 2) MIRU workover rig, pump and tank
- 3) Kill well as necessary with treated water
- 4) NDWH, NUBOPE
- 5) Un-land 2 3/8" production tubing, POOH LD TBG
- 6) RUWL, Run gyro survey
- 7) RIH with CIBP & set @ 7,450'(above D sand), Dump Bail 2 sacks of cement on plug
- 8) RIH & perforate 3 jsf, @ 6,750'-6,752'( Above Niobrara). RDWL.
- 9) PU CICR & RIH on 2 3/8" tbg. Set CICR @ 50' above squeeze perforations ~ 6,700'),
- 10) RU Cementers and squeeze perforations with 50 sx cement. Displace cement out retainer, sting out of CICR & dump 2 sx cmt on top of CICR.
- 11) POOH LD TBG
- 12) Attempt to un-land 4 1/2" casing
- 13) Attempt to cut 4 1/2" casing at 450'and TOO
- Note: 4 1/2" casing was unsuccessfully un-landed in 1987 when well was abandoned.
- 14) If 4 1/2" casing cut is successful, RIH with 2 3/8" tubing to 200' below casing stub
- 15) RU cementers
- 16) Pump a 130 sx cement plug from EOT to surface
- 17) Tag up on cement or confirm to surface
- 18) If 4 1/2" casing cut is unsuccessful, RIH with 2 3/8" tubing to 200' below surface casing shoe depth
- 19) RU cementers
- 20) Pump a 30 sx cement plug from EOT to surface
- 21) Tag up on cement or confirm to surface
- 22) RDMO location with workover rig
- 23) Dig up and cut casing below surface (6'), weld on dry hole marker
- 24) Remove all surface facilities related to the Randall 22-2.
- 25) Restore Pad as per state requirements.

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

Signed: \_\_\_\_\_ Print Name: PAUL GOTTLÖB  
Title: Regulatory & Engin. Tech. Date: 6/21/2018 Email: paul.gottlob@iptenergyservices.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: 9/2/2018

**CONDITIONS OF APPROVAL, IF ANY:** \_\_\_\_\_ Expiration Date: 3/1/2019

**COA Type**

**Description**

	<p>NOTE: Changes in plugging procedure. CBL to be run prior to plugging to verify stage tool setting depth and existing coverage - submit to COGCC for verification of plugging orders. Additional plugs required.</p> <ol style="list-style-type: none"><li>1) Provide 48 hour notice of plugging MIRU via electronic Form 42.</li><li>2) For 1240' plug: pump plug and displace - tag plug – must be 1080' or shallower. If surface casing plug is perforated at 650', pumped to surface and does not remain at surface, tag plug and assure there is cement on the inside and outside of 4-1/2" casing (if unable to pull).</li><li>3) Properly abandon flowlines as per Rule 1105. File electronic Form 42 once abandonment complete. Within 30 days of an operator completing abandonment requirements for an off-location flowline or crude oil transfer line the operator must submit a Flowline Report, Form 44.</li></ol>
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### Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
401677637	FORM 6 INTENT SUBMITTED
401679354	WELLBORE DIAGRAM
401679355	PROPOSED PLUGGING PROCEDURE
401679356	WELLBORE DIAGRAM

Total Attach: 4 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Form 17 for Bradenehead test submitted within 60 days of NOIA	09/02/2018
Engineer	Upper Arapahoe 4749 4985 61.7 284 48 16.77 NNT Lower Arapahoe 4474 4674 79.8 559 359 21.71 NT Laramie-Fox Hills 3896 4148 158.8 1137 885 38.12 NT DV tool listed at 1191' Deepest 1115' (2 @1087') DIL NA	09/02/2018
Permit	Pass	07/11/2018
Well File Verification	Pass	06/26/2018

Total: 4 comment(s)