

FORM
6Rev
12/05

State 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:

2226867

Date Received:

06/12/2017

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: 6575

Contact Name: Scott Marez - Ranger

Name of Operator: BATES* JAMES EDWARD

Phone: (970) 584-9717

Address: P O BOX 796

Fax:

City: BRIGHTON State: CO Zip: 80601

Email: none@given.com

For "Intent" 24 hour notice required,

Name: Helgeland, Gary

Tel: (970) 216-5749

COGCC contact:

Email: gary.helgeland@state.co.us

API Number 05-001-06864-00

Well Name: WIERMAN

Well Number: 2

Location: QtrQtr: NWSE Section: 7 Township: 1S Range: 67W Meridian: 6

County: ADAMS

Federal, Indian or State Lease Number:

Field Name: SPINDLE

Field Number: 77900

☒ Notice of Intent to Abandon☐ Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 39.977370

Longitude: -104.928540

GPS Data:

Date of Measurement: 02/06/2006

PDOP Reading: 6.0

GPS Instrument Operator's Name: ALLISON HAINES

Reason for Abandonment:

☐ Dry☐ Production Sub-economic☐ Mechanical Problems☒ Other developmentCasing to be pulled: ☐ Yes☐ No

Estimated Depth:

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 |
|---------------|-----------|-----------|----------------|---------------------|------------|
| NIOBRARA | 7584 | 7866 | | | |
| SUSSEX | 5052 | 5082 | | | |
| TIMPAS-CODELL | 7983 | 8025 | | | |

Total: 3 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 | 11 | 8+5/8 | 24 | 215 | 200 | 215 | 0 | |
| 1ST | 7+7/8 | 5+1/2 | 15.5 | 8,080 | 500 | 8,080 | | |
| | | | Stage Tool | 1,120 | 250 | 1,120 | 0 | CALC |

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7534 with 2 sacks cmt on top. CIPB #2: Depth 5002 with 2 sacks cmt on top.
CIBP #3: Depth _____ with _____ sacks cmt on top. CIPB #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 <u>20</u> sks cmt from <u>1150</u> ft. to <u>950</u> ft. | Plug Type: <u>CASING</u> | Plug Tagged: <input checked="" type="checkbox"/> |
| Set <u>10</u> sks cmt from <u>800</u> ft. to <u>700</u> ft. | Plug Type: <u>CASING</u> | Plug Tagged: <input type="checkbox"/> |
| Set _____ sks cmt from _____ ft. to _____ ft. | Plug Type: _____ | Plug Tagged: <input type="checkbox"/> |
| Set _____ sks cmt from _____ ft. to _____ ft. | Plug Type: _____ | Plug Tagged: <input type="checkbox"/> |
| Set _____ sks cmt from _____ ft. to _____ ft. | Plug Type: _____ | Plug Tagged: <input type="checkbox"/> |

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 122 sacks half in. half out surface casing from 400 ft. to 0 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 1103 ☐ Yes ☐ No *ATTACH JOB SUMMARY

Technical Detail/Comments:

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

Signed: _____ Print Name: JAMES EDWARD BATES

Title: OWNER Date: 6/8/2017 Email: none@given.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: 6/26/2017

CONDITIONS OF APPROVAL, IF ANY: Expiration Date: 12/25/2017

| <u>COA Type</u> | <u>Description</u> |
|------------------------|---|
| | Monthly Report of Operations, Form 7 has not reported the Niobrara formation since April 2012 - that reporting should be corrected separately or an explanation provided with the Subsequent Report of Abandonment. |
| | Subsequent Report of Abandonment should be complete with cement tops and stage tool information - wellbore diagram should also reflect these details. |
| | Prior to initiation of plugging operations, a Bradenhead test shall be performed. If there is 25# or greater present at the beginning of the test call COGCC Engineer for possible sampling requirements. Form 17 shall be submitted within 10 days. |
| | <p>NOTE: Changes in plugging procedure. CBL to be run prior to plugging(after setting Sussex CIBP) for downhole cement and verify stage tool setting depth and existing coverage - submit to COGCC for verification of plugging orders. Additional plug required (Nio).</p> <p>1) Provide 48 hour notice of plugging MIRU via electronic Form 42.</p> <p>2) For 1200' plug: pump plug and displace - tag plug – must be 1000' or shallower. If surface plug(currently - perforated and pumped) doesn't stay at surface, needs to be tagged and cement brought to surface.</p> <p>3) Properly abandon flowlines as per Rule 1103. File electronic Form 42 once abandonment complete.</p> |

Attachment Check List

| <u>Att Doc Num</u> | <u>Name</u> |
|---------------------------|-----------------------------|
| 2226867 | FORM 6 INTENT SUBMITTED |
| 2226868 | PROPOSED PLUGGING PROCEDURE |
| 2226869 | WELLBORE DIAGRAM |
| 2226870 | WELLBORE DIAGRAM |

Total Attach: 4 Files

General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|--------------------------|--|----------------------------|
| Engineer | Lower Arapahoe 4823 5049 98.1 347 121 26.69 NNT Laramie-Fox Hills 4151 4408 182.8 1019 763 43.88 NT | 06/26/2017 |
| Public Room | Document verification complete 06/20/17 | 06/20/2017 |

Total: 2 comment(s)