FORM 6 Rev 05/18

# 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: 401685136

Date Received:

## 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: 53790 Contact Name: Mark Brown

Name of Operator: MARKUS PRODUCTION, INC Phone: (720) 350-8858

Address: 39 FAIRWAY LANE Fax:

City: LITTLETON State: CO Zip: 80123 Email: mark@markusproduction.com

**For "Intent" 24 hour notice required, COGCC contact:** Name: Waldron, Emily Tel: (970) 819-9609 Email: emily.waldron@state.co.us

API Number 05-057-06065-00

Well Name: STATE 1-36 Well Number: 1

Location: QtrQtr: NWNW Section: 36 Township: 7N Range: 81W Meridian: 6

County: JACKSON Federal, Indian or State Lease Number: 72-2296-S

Field Name: COALMONT Field Number: 11475

☒ Notice of Intent to Abandon ☐ Subsequent Report of Abandonment

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

Latitude: 40.539440 Longitude: -106.441990

GPS Data:

Date of Measurement: 05/13/2010 PDOP Reading: 4.5 GPS Instrument Operator's Name: Randall R. Miller

Reason for Abandonment: ☐ Dry ☒ Production Sub-economic ☐ Mechanical Problems

☐ Other

Casing 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 | 6520 | 6560 | | | |

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 | 13+3/4 | 10+3/4 | 40 | 621 | 440 | 440 | 0 | VISU |
| 1ST | 8+3/4 | 5+1/2 | 15.5 | 7,035 | 305 | 7,035 | 6,132 | CBL |

# Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6100 with 2 sacks cmt on top. CIPB #2: Depth _____ with _____ 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 _____ 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: ☐

Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged: ☐

Perforate and squeeze at 3600 ft. with 50 sacks. Leave at least 100 ft. in casing 3500 CICR Depth

Perforate and squeeze at 671 ft. with 50 sacks. Leave at least 100 ft. in casing 571 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 10 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 1105 ☐ Yes ☐ No *ATTACH JOB SUMMARY

Technical Detail/Comments:

Proposed Plugging Procedure

1) Perform Bradenhead Test
2) Kill well as necessary
3) Release tubing anchor x TOH w/Tbg.
4) Run CBL a minimum from 6200' to 200' above a noted TOC.
4) Set CIBP @ 6100' x dump 2 sx cmt on top.
5) Assumiing TOC is below 3500', perforate sqz holes at 3600'. Set CICR at 3500' and sqz with 50 sx cmt. If TOC is above 3500', then place 100' casing plug inside casing from 3500-3600'.
6) Perforate sqz holes at 671'. Set CICR at 571' x sqz w/50 sx cmt.
7) Set 10 sx at surface
8) Cut off casing 4' below ground level and weld on cap.
9) Remove equipment and reclaim location

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

Signed: _____ Print Name: Mark Brown

Title: President Date: _____ Email: mark@markusproduction.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: _____ Date: _____

**CONDITIONS OF APPROVAL, IF ANY:** Expiration Date: _____

| COA Type | Description |
|---|---|
| | |

## Attachment Check List

| Att Doc Num | Name |
|---|---|
| 401903266 | WELLBORE DIAGRAM |
| 401903268 | WELLBORE DIAGRAM |

Total Attach: 2 Files

## General Comments

| User Group | Comment | Comment Date |
|---|---|---|
| | | Stamp Upon Approval |

Total: 0 comment(s)