

Document Number:
 402329064
 Date Received:
 03/02/2020

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: 10670 Contact Name: Erin Mathews
 Name of Operator: MALLARD EXPLORATION LLC Phone: (720) 543-7959
 Address: 1400 16TH STREET SUITE 300 Fax: _____
 City: DENVER State: CO Zip: 80202 Email: emathews@mallardexploration.com

For "Intent" 24 hour notice required, Name: _____ Tel: _____
 Email: _____
COGCC contact: _____

Type of Well Abandonment Report: Notice of Intent to Abandon Subsequent Report of Abandonment

API Number 05-123-05591-00
 Well Name: M S WHITE - GOVERNMENT Well Number: 1
 Location: QtrQtr: NESW Section: 5 Township: 8N Range: 59W Meridian: 6
 County: WELD Federal, Indian or State Lease Number: _____
 Field Name: WILDCAT Field Number: 99999

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.689658 Longitude: -104.002302
 GPS Data: GPS Quality Value: 1.4 Type of GPS Quality Value: PDOP Date of Measurement: 11/06/2019
 GPS Instrument Operator's Name: Alan Hnizdo
 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 |
|-----------|-----------|-----------|----------------|---------------------|------------|
| | | | | | |

Total: 0 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 | 346 | 200 | 346 | 0 | VISU |
| 1ST | 8+5/8 | 5+1/2 | 15.5 | 235 | 50 | 235 | 0 | VISU |
| OPEN HOLE | 7+7/8 | | | 6,860 | | | | |

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth _____ with _____ 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 <u>90</u> sks cmt from <u>5967</u> ft. to <u>5724</u> ft. | Plug Type: <u>OPEN HOLE</u> | Plug Tagged: <input checked="" type="checkbox"/> |
| Set <u>82</u> sks cmt from <u>2487</u> ft. to <u>2287</u> ft. | Plug Type: <u>OPEN HOLE</u> | Plug Tagged: <input type="checkbox"/> |
| Set <u>90</u> sks cmt from <u>1400</u> ft. to <u>995</u> ft. | Plug Type: <u>OPEN HOLE</u> | Plug Tagged: <input checked="" 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 75 sacks half in. half out surface casing from 400 ft. to 0 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. _____ inch casing Cut and Cap Date: 02/18/2020
 *Wireline Contractor: none *Cementing Contractor: Bohler and Basic Energy
 Type of Cement and Additives Used: Class G, 15.8 ppg
 Flowline/Pipeline has been abandoned per Rule 1105 Yes No

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: Taylor Heffner
 Title: Mallard Contractor Date: 3/2/2020 Email: theffner@phxresources.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: Jacobson, Eric Date: 5/27/2020

CONDITIONS OF APPROVAL, IF ANY: _____

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

Attachment Check List

| <u>Att Doc Num</u> | <u>Name</u> |
|--------------------|-----------------------------|
| 2138238 | GPS DATA |
| 402329064 | FORM 6 SUBSEQUENT SUBMITTED |
| 402329078 | WELLBORE DIAGRAM |
| 402329079 | CEMENT JOB SUMMARY |
| 402329080 | CEMENT JOB SUMMARY |

Total Attach: 5 Files

General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|-------------------|----------------|------------------------|
| | | Stamp Upon Approval |

Total: 0 comment(s)