

FORM

6

Rev  
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



|    |    |    |    |
|----|----|----|----|
| DE | ET | OE | ES |
|----|----|----|----|

Replug By Other Operator

Document Number:

402798880

Date Received:

09/01/2021

## 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: 10656

Contact Name: Sam Bradley

Name of Operator: MORNING GUN EXPLORATION LLC

Phone: (970) 593-8626

Address: 1601 ARAPAHOE ST

Fax:

City: DENVER State: CO Zip: 80202

Email: sb@s-companies.com

For "Intent" 24 hour notice required,

Name: Petrie, Erica

Tel: (303) 726-3822

COGCC contact:

Email: erica.petrie@state.co.us

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

API Number 05-123-13472-00

Well Name: LAUER

Well Number: 1

Location: QtrQtr: NENE Section: 12 Township: 7N Range: 59W Meridian: 6

County: WELD

Federal, Indian or State Lease Number:

Field Name: WILD HORSE

Field Number: 92900

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

Latitude: 40.594438

Longitude: -103.918556

GPS Data: GPS Quality Value: 1.2 Type of GPS Quality Value: PDOP Date of Measurement: 08/17/2021

Reason for Abandonment: ☐ Dry ☐ Production Sub-economic ☐ Mechanical Problems☒ Other Horizontal OffsetCasing to be pulled: ☐ Yes ☒ No Estimated Depth:Fish in Hole: ☐ Yes ☒ No If yes, explain details belowWellbore 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 | Grade  | Wt/Ft | Csg/Liner Top | Setting Depth | Sacks Cmt | Cmt Btm | Cmt Top | Status |
|-------------|--------------|----------------|--------|-------|---------------|---------------|-----------|---------|---------|--------|
| SURF        | 12+1/4       | 8+5/8          | Unknow | 24    | 0             | 225           | 165       | 225     | 0       | VISU   |
| OPEN HOLE   | 7+7/8        |                |        |       | 225           | 6576          |           |         |         |        |

## 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 | 70 | sks cmt from | 6464 | ft. to | 6264 | ft. | Plug Type: | OPEN HOLE | Plug Tagged: | <input type="checkbox"/>            |
| Set | 70 | sks cmt from | 5780 | ft. to | 5580 | ft. | Plug Type: | OPEN HOLE | Plug Tagged: | <input type="checkbox"/>            |
| Set | 70 | sks cmt from | 1700 | ft. to | 1500 | ft. | Plug Type: | OPEN HOLE | Plug Tagged: | <input checked="" type="checkbox"/> |
| Set | 70 | sks cmt from | 560  | ft. to | 360  | ft. | Plug Type: | OPEN HOLE | Plug Tagged: | <input checked="" type="checkbox"/> |
| Set | 20 | sks cmt from | 50   | ft. to | 0    | ft. | Plug Type: | CASING    | 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 50 sacks half in. half out surface casing from 275 ft. to 175 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. of \_\_\_\_\_ inch casing

Surface Plug Setting Date: \_\_\_\_\_ Cut and Cap Date: \_\_\_\_\_ Number of Days from Setting Surface Plug to Capping or Sealing the Well: \_\_\_\_\_

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

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

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

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

Technical Detail/Comments:

Please see attached current WBD, proposed WBD with procedure, aquifer determination tool, location pictures and surface owner consent. Well is being re-entered and abandoned for horizontal offset. Need to begin operations on or before 9/21/21.

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

Signed: \_\_\_\_\_ Print Name: Ben Pittsley

Title: Consultant Date: 9/1/2021 Email: bp@s-companies.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: Wolfe, Stephen Date: 9/8/2021

CONDITIONS OF APPROVAL, IF ANY:

Expiration Date: 3/7/2022

### Condition of Approval

#### COA Type

#### Description

|  |  |
|--|--|
|  | <p>Plugging</p> <p>1) Provide 48 hour notice of plugging MIRU via electronic Form 42.</p> <p>2) Contact COGCC Area Inspector prior to commencing plugging operations.</p> <p>3) Plugs and squeezes will be placed as stated in the Plugging Procedure section of the approved NOIA unless revised by COA or prior approval from COGCC is obtained.</p> <p>4) The wellbore must be static prior to placing cement plugs which are to be a minimum of 100' in length for all but surface plugs. Mechanical isolation requires a 25' cement plug, minimum. For plugs not specified to be tagged, a tag is required if circulation is not maintained while pumping plug and displacing to depth. Tag at tops specified or shallower. Notify COGCC Area Engineer before adding cement to previous plug.</p> <p>5) Place a 50' plug (minimum) at the surface, both inside the inner most casing and in all annular spaces. Surface plugs shall be circulated to surface. Confirm cement to surface in all strings during cut and cap.</p> <p>6) With the Form 6 SRA operator must provide written documentation which positively affirms each COA has been addressed.</p> <p>7) Submit gyro survey with Form 6 SRA if available.</p> |
|  | Operator will implement measures to capture, combust, or control emissions to protect health and safety, and to ensure that vapors and odors from well plugging operations do not constitute a nuisance or hazard to public health, welfare and the environment.   |

2 COAs

### Attachment List

#### Att Doc Num

#### Name

|           |                         |
|-----------|-------------------------|
| 402798880 | FORM 6 INTENT SUBMITTED |
| 402798889 | WELLBORE DIAGRAM        |
| 402798890 | WELLBORE DIAGRAM        |
| 402798891 | OTHER                   |
| 402798895 | LOCATION PHOTO          |
| 402798901 | SURFACE OWNER CONSENT   |

Total Attach: 6 Files

### General Comments

#### User Group

#### Comment

#### Comment Date

|          |   |            |
|----------|---|------------|
| Engineer | <ul style="list-style-type: none"><li>•Should this be plugged by another operator.</li><li>•Missing the open hole section in the casing tab</li></ul>   | 09/08/2021 |
| Engineer | Groundwater: 123-12325 DWR picks<br>White River 0-80'<br>Laramie-Fox Hills 80-360'<br>Pierre Shale 360-680'<br>Upper Pierre Shale 680-1475'<br>Deepest Water Well: 180' (1mi)<br>Log: 123-05439 UPA 750-1430' | 09/08/2021 |
| OGLA     | <ul style="list-style-type: none"><li>- This DA oil and gas location is within a CPW-mapped Pronghorn Winter Concentration Area.</li><li>- Pass OGLA task.</li></ul>  | 09/02/2021 |
| Permit   | <ul style="list-style-type: none"><li>-Confirmed as-drilled well location.</li><li>-Corrected name of one attachment.</li><li>-Reviewed attachments.</li><li>-Pass.</li></ul>                                 | 09/01/2021 |

Total: 4 comment(s)