

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



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Replug By Other Operator

Document Number:

402800506

Date Received:

09/02/2021

## 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 05-123-05409-00

Well Name: H D LAUER

Well Number: 2

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

County: WELD

Federal, Indian or State Lease Number:

Field Name: JADE

Field Number: 40580

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

Latitude: 40.594612

Longitude: -103.927911

GPS Data: GPS Quality Value: 2.1 Type of GPS Quality Value: PDOP Date of Measurement: 08/18/2021

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
TIMPAS	6040	6059	10/29/1965	SAND PLUG/CEMENT	5942

Total: 1 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	158	100	158	0	VISU
1ST	7+7/8	4+1/2	Unknow	10.6	0	6103	200	6103	5139	CALC

## 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	20	sks cmt from	5800	ft. to	5600	ft.	Plug Type:	CASING	Plug Tagged:	<input type="checkbox"/>
Set	5	sks cmt from	1675	ft. to	1625	ft.	Plug Type:	CASING	Plug Tagged:	<input type="checkbox"/>
Set	25	sks cmt from	410	ft. to	100	ft.	Plug Type:	CASING	Plug Tagged:	<input type="checkbox"/>
Set	5	sks cmt from	50	ft. to	0	ft.	Plug Type:	CASING	Plug Tagged:	<input type="checkbox"/>
Set	10	sks cmt from	50	ft. to	0	ft.	Plug Type:	ANNULUS	Plug Tagged:	<input type="checkbox"/>

Perforate and squeeze at \_\_\_\_\_ 460 ft. with \_\_\_\_\_ 80 sacks. Leave at least 100 ft. in casing \_\_\_\_\_ 410 CICR Depth

Perforate and squeeze at \_\_\_\_\_ 1675 ft. with \_\_\_\_\_ 40 sacks. Leave at least 100 ft. in casing \_\_\_\_\_ 1625 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 \_\_\_\_\_ 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, location picture, aquifer determination tool and surface owner consent. Well is being re-entered and abandoned for horizontal offset. Need to commence operations by 9/20/21.

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: 9/2/2021 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: 9/26/2021

CONDITIONS OF APPROVAL, IF ANY:

Expiration Date: 3/25/2022

### Condition of Approval

#### COA Type

#### Description

	Venting Operator shall implement measures to control unnecessary and excessive venting, to protect the health and safety of the public, and to ensure that vapors and odors from well plugging operations do not constitute a nuisance or hazard to public welfare.
	Plugging 1) Provide 48 hour notice of plugging MIRU via electronic Form 42. 2) Contact COGCC Area Inspector prior to commencing plugging operations. 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. 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. 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. 6) With the Form 6 SRA operator must provide written documentation which positively affirms each COA has been addressed. 7) Submit gyro survey with Form 6 SRA if available.

2 COAs

### Attachment List

#### Att Doc Num

#### Name

402800506	FORM 6 INTENT SUBMITTED
402800530	WELLBORE DIAGRAM
402800532	WELLBORE DIAGRAM
402800533	OTHER
402800535	LOCATION PHOTO
402800540	SURFACE OWNER CONSENT

Total Attach: 6 Files

### General Comments

#### User Group

#### Comment

#### Comment Date

Engineer	Groundwater: Laramie-Fox Hills, Upper Pierre DWR Geophysical Log Picks 123-12325 GR 4789 White River 0-80' Laramie-Fox Hills 80-360' Pierre Shale 360-680' Upper Pierre Shale 680-1475' Deepest Water Well: 295'(2mi)+4852-4789+50=410'	09/25/2021
OGLA	Well is located in mapped Rule 1202.d Pronghorn Winter Concentration area. Avoid work with heavy equipment between January 1 through April 30 if possible.	09/22/2021
Permit	-Confirmed as-drilled well location. -Reviewed attachments. Corrected name of one attachment. -Pass	09/02/2021

Total: 3 comment(s)