

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:

402904713

Date Received:

12/20/2021

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: 10661

Contact Name: Jake Van Bramer

Name of Operator: BISON OIL & GAS II LLC

Phone: (303) 808-2280

Address: 518 17TH STREET #1800

Fax:

City: DENVER State: CO Zip: 80202

Email: jvanbramer@bisonog.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 05-123-05661-00

Well Name: RAUTH

Well Number: G

Location: QtrQtr: SWNE Section: 13 Township: 9N Range: 58W 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: 40.752762

Longitude: -103.810868

GPS Data: GPS Quality Value: 1.9 Type of GPS Quality Value: PDOP Date of Measurement: 12/10/2021

Reason for Abandonment: ☐ Dry ☐ Production Sub-economic ☐ Mechanical Problems☒ Other Offset Well RemediationCasing 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	15	10+3/4	NA	32.75	0	270	200	270	0	VISU
OPEN HOLE	8+5/8				270	6218				

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	118	sks cmt from	5465	ft. to	5165	ft.	Plug Type:	OPEN HOLE	Plug Tagged:	<input type="checkbox"/>
Set	60	sks cmt from	1650	ft. to	1500	ft.	Plug Type:	OPEN HOLE	Plug Tagged:	<input checked="" type="checkbox"/>
Set	45	sks cmt from	6083	ft. to	5983	ft.	Plug Type:	OPEN HOLE	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 243 sacks half in. half out surface casing from 450 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. 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:

If NIO tag is deeper than 5565', Operator will contact COGCC Engineer to discuss setting additional cement for Nio coverage. Purpose is to re-enter and adequately re-plug prior to hydraulic stimulation of proposed horizontal well per DJ Basin Offset Policy, dated December 16, 2013. Closed loop system will be used.

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

Signed: _____ Print Name: Lauren Morahan

Title: Regulatory Manager Date: 12/20/2021 Email: lmorahan@bisonog.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: 1/24/2022

CONDITIONS OF APPROVAL, IF ANY: _____ Expiration Date: 7/23/2022

Condition of Approval

COA Type

Description

	<p>Plugging</p> <ol style="list-style-type: none">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) Add 45 sx Plug #1 above the D Sand at 6083-5933'.8) Pump Plug #2 at 5465-5165', WOC and tag at 5265' or shallower.9) After placing the shallowest hydrocarbon isolating plug(Plug #2), operator must wait a sufficient time on all subsequent plugs to confirm static conditions. If at any time after placing this plug there is evidence of pressure or of fluid migration, contact COGCC Area Engineer before continuing operations.10) Pump Plug #3 at 1650-1500', WOC and tag at 1500' or shallower.11) Increase Plug #4 to 450-0', adjust cement volume accordingly. Plug #4 is intended to circulate to the surface and stay there. If this is not the case then a tag is required at 220' or shallower. Contact COGCC Area Engineer before adding cement.
	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

402904713	FORM 6 INTENT SUBMITTED
402904824	PROPOSED PLUGGING PROCEDURE
402904825	WELLBORE DIAGRAM
402904827	WELLBORE DIAGRAM
402904828	LOCATION PHOTO
402904830	SURFACE OWNER CONSENT

Total Attach: 6 Files

General Comments

User Group

Comment

Comment Date

Engineer	Groundwater: Laramie-Fox Hills, Upper Pierre Deepest Water Well: 120'(1mi), 1000'(2mi) Log: 123-05661 7/7/89 GR 4625' L-FH base 400' UP 650-1545'	01/20/2022
OGLA	This oil and gas location is within CPW-mapped Mule Deer Winter Concentration and Severe Winter Range High Priority Habitats. CPW recommends that plugging and abandonment (PA) activities should not take place from December 1 to April 30.	01/20/2022
Permit	SHL is verified by the survey attached to the form No zones to report No production report since the well was dry Passed Permit Review	12/21/2021

Total: 3 comment(s)