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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 Remediation
 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	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:
Set 60 sks cmt from 1650 ft. to 1500 ft. Plug Type: OPEN HOLE Plug Tagged:
Set 45 sks cmt from 6083 ft. to 5983 ft. Plug Type: OPEN HOLE 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 _____ 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 Number of Days from Setting Surface Plug to Capping or Sealing the Well: _____
Surface Plug Setting Date: _____ Cut and Cap Date: _____
*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)