

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.

Document Number:
 402907254
 Date Received:
 12/22/2021

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 05-123-08285-00
 Well Name: ALICE G NAY Well Number: 1
 Location: QtrQtr: NWSE Section: 14 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: 40.748773 Longitude: -103.829888
 GPS Data: GPS Quality Value: 1.7 Type of GPS Quality Value: PDOP Date of Measurement: 12/08/2021
 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
NIOBRARA	5516	5536	03/26/1976	CEMENT	5536
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	J-55	24	0	149	140	149	0	VISU
1ST	7+7/8	5+1/2	Unk	14	3700	5600		5600	4040	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 15 sks cmt from 5538 ft. to 5380 ft. Plug Type: CASING Plug Tagged:
Set 60 sks cmt from 3750 ft. to 3600 ft. Plug Type: STUB PLUG Plug Tagged:
Set 60 sks cmt from 1660 ft. to 1500 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 170 sacks half in. half out surface casing from 462 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:

Operator proposes to tag existing NIO plug at 5386'. If top of plug is deeper than 5450', 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: 12/22/2021 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: 1/25/2022

CONDITIONS OF APPROVAL, IF ANY:

Expiration Date: 7/24/2022

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) Plug #1 (5538-5380') is an existing plug and to remain in the hole. Tag and verify if possible. 8) Add 60 sx stub Plug #2 at 3750-3600', WOC and tag at 3650' 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, 60 sx at 1660-1500', WOC and tag at 1560' or shallower. 11) Increase Plug #4 to 462-0', 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 99' 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

402907254	FORM 6 INTENT SUBMITTED
402907277	PROPOSED PLUGGING PROCEDURE
402907278	SURFACE OWNER CONSENT
402907279	LOCATION PHOTO
402907280	WELLBORE DIAGRAM
402907281	WELLBORE DIAGRAM

Total Attach: 6 Files

General Comments

User Group

Comment

Comment Date

Engineer	Groundwater: L-FH, Upper Pierre GR 4637 Deepest Water Well: 320'(1mi,3 wells,4685')=272', 1000'(2mi,9 wells,4638')=+999' Log: 123-05661 7/7/89 GR 4625' 4637-4625=+12 L-FH Transition base 400'=412' UP 650'-1545'=662-1557'	01/25/2022
Permit	-Surface location is verified by the new survey data on the location photos PDF -Perfs verified by doc # 259707 -No production reports to verified -Passed Permit Review	01/06/2022

Total: 2 comment(s)