

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:
 402907188
 Date Received:
 12/22/2021

OGCC Operator Number: 10661 Contact Name: Jake Van Bramer
 Name of Operator: BISON OIL & GAS II LLC Phone: (303) 880-2280
 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 05-123-05660-00
 Well Name: NAY (OWP) Well Number: 1
 Location: QtrQtr: SWNE 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: 40.752441 Longitude: -103.829934
 GPS Data: GPS Quality Value: 1.4 Type of GPS Quality Value: PDOP Date of Measurement: 12/10/2021
 Reason for Abandonment: Dry Production Sub-economic Mechanical Problems
 Other Off-set 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
D & J SAND	6263	6275	01/16/1952	SQUEEZED	6213
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	15+1/2	10+3/4	NA	32.75	0	154	140	154	0	VISU
1ST	8+7/8	5+1/2	Unk	Unk	5000	6310	282	6310	5210	CALC
OPEN HOLE	8+7/8				154	5000				

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 50 sks cmt from 6213 ft. to 5899 ft. Plug Type: OPEN HOLE Plug Tagged:
Set 65 sks cmt from 5000 ft. to 4850 ft. Plug Type: OPEN HOLE Plug Tagged:
Set 65 sks cmt from 1850 ft. to 1700 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 245 sacks half in. half out surface casing from 500 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:

5 1/2" production casing landed at 6310', squeezed with 282 sks. Current status in well unknown, assume casing cut and pulled ~5000', will field verify and contact engineer.

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 (6213-5899') is an existing plug and to remain in the hole. Tag and verify if possible. 8) Pump Plug #2, 65 sx at 5000-4850', WOC and tag at 4900' 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, 65 sx at 1850-1700', WOC and tag at 1750' or shallower. 11) Increase Plug #4 to 500-0', 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 104' or shallower. Contact COGCC Area Engineer before adding cement. 12) Hole sizes and depth of assumed casing cut to be field verified and submitted to COGCC Area Engineer.
	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

402907188	FORM 6 INTENT SUBMITTED
402907243	PROPOSED PLUGGING PROCEDURE
402907244	WELLBORE DIAGRAM
402907246	WELLBORE DIAGRAM
402907247	LOCATION PHOTO
402907248	SURFACE OWNER CONSENT

Total Attach: 6 Files

General Comments

User Group

Comment

Comment Date

Permit	<ul style="list-style-type: none"> -Confirmed as-drilled well location. -No other forms in process. -Confirmed productive interval docnum: 259686. -Reviewed attachments. -Pass. 	12/28/2021
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Total: 1 comment(s)