

FORM
6Rev
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



DE	ET	OE	ES
----	----	----	----

Replug By Other Operator

Document Number:

402942596

Date Received:

01/31/2022

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 Bremer

Name of Operator: BISON OIL & GAS II LLC

Phone: (720) 644-6997

Address: 518 17TH STREET #1800

Fax:

City: DENVER State: CO Zip: 80202

Email: jvanbremer@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 05-123-05651-00

Well Name: ALICE 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: 40.749747

Longitude: -103.828722

GPS Data: GPS Quality Value: 2.0 Type of GPS Quality Value: PDOP Date of Measurement: 12/08/2021

Reason for Abandonment: ☐ Dry ☐ Production Sub-economic ☐ Mechanical Problems☒ Other Offset well abandonmentCasing 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
J SAND	6241	6265	04/11/1956	B PLUG CEMENT TOP	5438
NIOBRARA	5438	5520	04/11/1956	B PLUG CEMENT TOP	5438

Total: 2 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	Unk	32.75	0	156	100	156	0	
1ST	9	5+1/2	Unk	15.5	4653	6264	250	6264	5364	CALC
OPEN HOLE	9				156	4653				

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 5438 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 5438 ft. to 5338 ft. Plug Type: CASING Plug Tagged: ☐
Set 65 sks cmt from 4703 ft. to 4553 ft. Plug Type: STUB PLUG Plug Tagged: ☐
Set 65 sks cmt from 1650 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 285 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

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:

Purpose is to reenter and re-plug prior to hydraulic fracturing of proposed horizontal well per DJ Basin offset policy dated December 16, 2013.
Closed loop system will be used.

Operation comments: treated with two mud acid jobs, both used 1000 gals of mud acid.

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: 1/31/2022 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: 2/15/2022

CONDITIONS OF APPROVAL, IF ANY: _____

Expiration Date: 8/14/2022

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(5438') is an existing plug and will remain in the well. Tag Plug #1 and add 15 sx.8) After placing the shallowest hydrocarbon isolating plug(Plug #1), 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.9) Pump Plug #2, 65 sx stub plug at 4703', WOC and tag at 4603' or shallower.10) Pump Plug #3, 65 sx OH plug at 1700', WOC and tag at 1600' 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 106' or shallower. Contact COGCC Area Engineer before adding cement to bring to surface.
	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

402942596	FORM 6 INTENT SUBMITTED
402942622	SURFACE OWNER CONSENT
402942625	LOCATION PHOTO
402942627	PROPOSED PLUGGING PROCEDURE
402942631	WELLBORE DIAGRAM
402942633	WELLBORE DIAGRAM

Total Attach: 6 Files

General Comments

User Group

Comment

Comment Date

Engineer	Groundwater: L-FH, Upper Pierre GR 4644' Deepest water well: 320'(1mi,4685)=279', 1000'(2mi,9 wells,4638')=1006' Log: 123-05661 7/7/89 GR 4625' 4644-4625=+19 L-FH Transition base 400'=419' UP 650-1545'=679-1564'	02/15/2022
Permit	-Updated surface location latitude & longitude is on the photo PDF -No production reports to verify -Confirming the zones with the operator -Confirmed with the operator the zone and perfs depths -Passed Permit Review	02/01/2022

Total: 2 comment(s)