FORM 6 Rev 05/18

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: 402146596

Date Received: 08/27/2019

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: Elizabeth Wilson

Name of Operator: BISON OIL & GAS II LLC Phone: (720) 6446997

Address: 518 17TH STREET #1800 Fax:

City: DENVER State: CO Zip: 80202 Email: ewilson@bisonog.com

For "Intent" 24 hour notice required, COGCC contact: Name: Evins, Bret Tel: (970) 420-6699 Email: bret.evins@state.co.us

API Number 05-123-14241-00

Well Name: BENNER Well Number: E

Location: QtrQtr: SWNW Section: 13 Township: 8N Range: 60W Meridian: 6

County: WELD Federal, Indian or State Lease Number:

Field Name: WILDCAT Field Number: 99999

☒ Notice of Intent to Abandon ☐ Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.664365 Longitude: -104.046036

GPS Data:

Date of Measurement: 05/10/2019 PDOP Reading: 1.5 GPS Instrument Operator's Name: BRAD HUBBARD

Reason for Abandonment: ☐ Dry ☐ Production Sub-economic ☐ Mechanical Problems

☒ Other DJ Basin Horizontal Offset Policy

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 SAND	6786	6794	10/18/1989	SAND PLUG/CEMENT	6750
J SAND	6877	6878	10/18/1989	SAND PLUG/CEMENT	6850

Total: 2 zone(s)

Casing History

Casing Type	Size of Hole	Size of Casing	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bot	Cement Top	Status
SURF	12+1/4	8+5/8	24	504	350	504	0	
1ST	7+7/8	4+1/2	10.5	6,942	250	6,942	5,830	

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth _____ with _____ sacks cmt on top. CIPB #2: Depth _____ with _____ sacks cmt on top.

CIBP #3: Depth _____ with _____ sacks cmt on top. CIPB #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 60 sks cmt from 5800 ft. to 5600 ft. Plug Type: STUB PLUG Plug Tagged: ☒

Set 40 sks cmt from 1700 ft. to 1600 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: ☐

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 185 sacks half in. half out surface casing from 525 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 Plugging Date: _____

*Wireline Contractor: _____ *Cementing Contractor: _____

Type of Cement and Additives Used: _____

Flowline/Pipeline has been abandoned per Rule 1105 ☐ Yes ☐ No *ATTACH JOB SUMMARY

Technical Detail/Comments:

Casing pulled at 5747' during original P&A.
Original P&A cement plugs at 6850' & 6750' will remain.

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.
See attached Operations Summary for Re-entry and Re-plugging procedures.

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

Signed: _____ Print Name: Ariana Solis

Title: Regulatory Analyst Date: 8/27/2019 Email: asolis@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: SUTPHIN, DIRK Date: 9/6/2019

CONDITIONS OF APPROVAL, IF ANY: Expiration Date: 3/5/2020

COA Type	Description
	Venting during plugging: Operator shall implement measures to control venting, 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 welfare.
	Plugging: 1) Provide 48 hour notice of MIRU via electronic Form 42 - Start of Plugging Operations. 2) After placing the shallowest hydrocarbon isolating plug, operator must wait a sufficient time to confirm static conditions. If at any time after placing this plug there is evidence of pressure or of fluid migration, contact COGCC engineering before continuing operations. 3) Shoe plug: Tag plug 50’ above surface casing shoe, if cement does not circulate to surface. 4) Surface plug: Cement from 50' to surface in casing and annulus. 5) With the Form 6 SRA operator must provide written documentation which positively affirms each COA from the approved Notice of Intent to Abandon has been addressed.

Attachment Check List

Att Doc Num	Name
402146596	FORM 6 INTENT SUBMITTED
402146604	LOCATION PHOTO
402146607	PROPOSED PLUGGING PROCEDURE
402146608	SURFACE OWNER CONSENT
402155725	WELLBORE DIAGRAM

Total Attach: 5 Files

General Comments

User Group	Comment	Comment Date
Engineer	• Moved plug proposed at 5900'-5700' up to 5800'-5600'. Casing was pulled at 5747' in 1989 plugging. Plug should extend 100' above stub. • If it is not possible to get down to the casing stub it would be preferable to set a plug at deepest point reached between casing stub and Sussex (between 5747' and 4000') or between Sussex and Upper Pierre sands (between 3200' and 1600'). Sussex sand visible at 3300'-3700' on Dual Induction log. • Added a plug at 1700'-1600' to isolate below upper Pierre sand.	09/06/2019
Permit	•Removed incorrect WBD at Operator's request	08/28/2019
Permit	•SHL lat./long. unverifiable on historic aerial and satellite imagery; well was AB in 1989 •Verified perfed intervals via Doc. 268079 •No production data to verify •Verified abandonment of zones (sand plug/cement) via Doc. 268076 •Attached wellbore diagram does not depict sand plugs from PB TD to 6850', from ~6850'-6750' •No wellbore diagram attached depicting proposed configuration: returned to draft •Zones tab should have method of abandonment for both zones be 'sand plug/cement'	08/26/2019

Total: 3 comment(s)