

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



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Replug By Other Operator

Document Number:

402146544

Date Received:

08/15/2019

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, Name: Evins, Bret Tel: (970) 420-6699
COGCC contact: Email: bret.evins@state.co.us

API Number 05-123-22302-00 Well Number: 1-23
 Well Name: CARLSON
 Location: QtrQtr: NENE Section: 23 Township: 8N Range: 60W Meridian: 6
 County: WELD Federal, Indian or State Lease Number: _____
 Field Name: CLAY BASKET Field Number: 11340

Notice of Intent to Abandon Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.653323 Longitude: -104.050985
 GPS Data:
 Date of Measurement: 07/10/2019 PDOP Reading: 1.9 GPS Instrument Operator's Name: RYAN WILLIAMS
 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

Total: 0 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	538	380	538	0	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 40 sks cmt from 1600 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:
 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 190 sacks half in. half out surface casing from 537 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. _____ inch casing Plugging Date: _____
 of _____
 *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:

Existing plugs at 6755' & 1500' will remain in hole.
 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: 8/15/2019 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

<u>COA Type</u>	<u>Description</u>

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
402146544	FORM 6 INTENT SUBMITTED
402146575	LOCATION PHOTO
402146577	SURFACE OWNER CONSENT
402146581	PROPOSED PLUGGING PROCEDURE
402146583	WELLBORE DIAGRAM

Total Attach: 5 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	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) Tag existing plug supposed to be at 1600'-1500' to confirm it is there. If not found to be present set 40 sks at deepest point reached between Niobrara and Sussex (6000'-4000') or between Sussex and Upper Pierre sands (3200'-1600'). 4) Shoe plug: Tag plug 50' above surface casing shoe, if cement does not circulate to surface. 5) Surface plug: Cement from 50' to surface in casing and annulus. 6) 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.	09/06/2019
Permit	<ul style="list-style-type: none">•SHL lat./log verified on historical satellite imagery; well was DA in 2004•No zones were completed•No production data to verify•Required attachments per DJ Basin Horizontal Offset policy are present	08/21/2019

Total: 2 comment(s)