

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:
402098350

Date Received:
08/30/2019

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 05-123-05527-00 Well Number: 1

Well Name: FEDERAL

Location: QtrQtr: NESE Section: 21 Township: 8N Range: 60W Meridian: 6

County: WELD Federal, Indian or State Lease Number: BLMA-021666

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: 40.646024 Longitude: -104.089467

GPS Data:
Date of Measurement: 06/28/2018 PDOP Reading: 1.5 GPS Instrument Operator's Name: JAMES FRESHWATER

Reason for Abandonment: Dry Production Sub-economic Mechanical Problems

Other Interim Statewide Horizontal Offset Policy COA

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	10+3/4	32	228	140	228	0	CALC
OPEN HOLE	7+7/8			6,989				

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 60 sks cmt from 6210 ft. to 6060 ft. Plug Type: OPEN HOLE Plug Tagged:
Set 30 sks cmt from 5070 ft. to 4970 ft. Plug Type: OPEN HOLE Plug Tagged:
Set 30 sks cmt from 4210 ft. to 4110 ft. Plug Type: OPEN HOLE Plug Tagged:
Set 30 sks cmt from 1558 ft. to 1458 ft. Plug Type: OPEN HOLE 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 182 sacks half in. half out surface casing from 516 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 Cut and Cap 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:

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: Ariana Solis
Title: Regulatory Analyst Date: 8/30/2019 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: 9/11/2019

CONDITIONS OF APPROVAL, IF ANY: _____ Expiration Date: 3/10/2020

COA Type	Description
	<p>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. 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.</p> <p>Bradenhead: Prior to starting plugging operations a bradenhead test shall be performed if there has not been a reported bradenhead test within the 60 days immediately preceding the start of plugging operations. The Form 17 shall be submitted within 10 days of the test. 1) If before opening the Bradenhead valve, the beginning pressure is greater than 25 psi, sampling is required. 2) If pressure remains at the conclusion of the test, or if any liquids were present during the test, sampling is required. Sampling shall comply with Operator Guidance - Bradenhead Testing and Reporting Instructions. If samples are collected, copies of all final laboratory analytical results shall be provided to the COGCC within three (3) months of collecting the samples. If there is a need for sampling, contact COGCC engineering for verification of plugging procedure.</p> <p>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.</p> <p>Flowlines: Properly abandon flowlines per Rule 1105. File electronic Form 42 once abandonment is complete. Within 30 days of an operator completing abandonment requirements for an off-location flowline or crude oil transfer line, the operator must submit a Flowline Report, Form 44.</p>

Attachment Check List

Att Doc Num	Name
402098350	FORM 6 INTENT SUBMITTED
402105202	LOCATION PHOTO
402105215	SURFACE OWNER CONSENT
402162445	WELLBORE DIAGRAM
402162447	PROPOSED PLUGGING PROCEDURE

Total Attach: 5 Files

General Comments

User Group	Comment	Comment Date
Engineer	Plugging: Increased cement quantity on 1st plug. Plug should be 100' long and extend to 100' above Niobrara top.	09/11/2019
Permit	<ul style="list-style-type: none"> •Verified SHL lat./long. with satellite imagery and attached location photos Doc. 402105202 •Well was drilled and abandoned in 1954, and no zones were completed •No production data to verify 	09/03/2019

Total: 2 comment(s)