

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:
401853884

Date Received:
12/27/2018

OGCC Operator Number: 10661 Contact Name: Elizabeth Kane

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

Address: 518 17TH STREET #1800 Fax: _____

City: DENVER State: CO Zip: 80202 Email: ekane@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 05-123-10283-00 Well Number: 1-34

Well Name: KINNISON

Location: QtrQtr: NWSE Section: 34 Township: 9N Range: 61W Meridian: 6

County: WELD Federal, Indian or State Lease Number: _____

Field Name: HEART Field Number: 33800

Notice of Intent to Abandon Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.703448 Longitude: -104.189248

GPS Data:
Date of Measurement: 11/06/2018 PDOP Reading: 1.5 GPS Instrument Operator's Name: Ryan Williams

Reason for Abandonment: Dry Production Sub-economic Mechanical Problems

Other Offset Well Mitigation

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
CODELL	6710	6720	01/09/1987	B PLUG CEMENT TOP	5900
J SAND	7227	7260	01/09/1987	B PLUG CEMENT TOP	5900

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	222	175	222	0	VISU
1ST	7+7/8	4+1/2	11.6	7,355	250	7,355	6,093	CALC

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 16 sks cmt from 6769 ft. to 6619 ft. Plug Type: CASING Plug Tagged:
 Set 32 sks cmt from 6500 ft. to 6200 ft. Plug Type: CASING Plug Tagged:
 Set 40 sks cmt from 1000 ft. to 850 ft. Plug Type: STUB PLUG 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 166 sacks half in. half out surface casing from 620 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:

Perf intervals confirmed via doc # 259765.

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: 12/27/2018 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: 2/11/2019

CONDITIONS OF APPROVAL, IF ANY: _____ Expiration Date: 8/10/2019

COA Type

Description

	Plugging: 1) Provide 48 hour notice of MIRU via electronic Form 42. 2) Tag the following plugs: 6500-6200' (Niobrara), 1000'-850' (casing stub), 620-0' (surface casing shoe).
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Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
401853884	FORM 6 INTENT SUBMITTED
401887293	WELLBORE DIAGRAM
401887294	PROPOSED PLUGGING PROCEDURE
401887296	SURFACE OWNER CONSENT
401887300	LOCATION PHOTO

Total Attach: 5 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Added stub plug as required. The base of Fox Hills transition is 730' on the Dual Induction log, so there needs to be a plug at least 100' below this point for aquifer protection. The stub plug should start at 50' inside the casing stub and extend 100' above the stub. The casing stub is at 950' therefore the stub plug is 1000'-850'.	02/11/2019
Well File Verification	Pass	01/03/2019
Permit	Verified completed intervals and bridge plug (259765, 259761) Verified as drilled lat/long Verified all attachments	12/28/2018

Total: 3 comment(s)