

Document Number:
401402393

Date Received:

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: 10646 Contact Name: John Zarra
 Name of Operator: BISON EXPLORATION LLC Phone: (720) 481-2395
 Address: PO BOX 1168 Fax: _____
 City: DENVER State: CO Zip: 80202 Email: JZarra@ExtractionOG.com

For "Intent" 24 hour notice required, Name: _____ Tel: _____
 COGCC contact: Email: _____

API Number 05-005-06870-00 Well Number: 2
 Well Name: COLUMBINE-STATE
 Location: QtrQtr: SENE Section: 16 Township: 4S Range: 64W Meridian: 6
 County: ARAPAHOE Federal, Indian or State Lease Number: 80-5587-S
 Field Name: CHALICE Field Number: 10775

Notice of Intent to Abandon Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 39.706030 Longitude: -104.548090
 GPS Data:
 Date of Measurement: 10/27/2010 PDOP Reading: 2.4 GPS Instrument Operator's Name: KEITH WESTFALL
 Reason for Abandonment: Dry Production Sub-economic Mechanical Problems
 Other _____
 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
J SAND	8103	8125	07/27/2017	CEMENT	7324
Total: 1 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+1/2	8+5/8	24	1,825	1,100	1,825	0	VISU
1ST	7+7/8	4+1/2	11.6	8,183	420	8,183	6,822	CBL

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 <u>80</u> sks cmt from <u>7324</u> ft. to <u>6436</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input checked="" type="checkbox"/>
Set <u>130</u> sks cmt from <u>1936</u> ft. to <u>1468</u> ft.	Plug Type: <u>STUB PLUG</u>	Plug Tagged: <input checked="" type="checkbox"/>
Set <u>128</u> sks cmt from <u>1396</u> ft. to <u>900</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input type="checkbox"/>
Set <u>46</u> sks cmt from <u>730</u> ft. to <u>0</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input type="checkbox"/>
Set _____ sks cmt from _____ ft. to _____ ft.	Plug Type: _____	Plug Tagged: <input type="checkbox"/>

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 130 sacks half in. half out surface casing from 1936 ft. to 1468 ft. Plug Tagged:
 Set 46 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: 1875 ft. of 4+1/2 inch casing Plugging Date: 08/02/2017
 *Wireline Contractor: KLX Wireline *Cementing Contractor: O-Tex Pumping LLC
 Type of Cement and Additives Used: Class G 15.8 ppg 1.15cuft/sk; Class C 14.6 ppg 1.38 cuft/sk
 Flowline/Pipeline has been abandoned per Rule 1103 Yes No *ATTACH JOB SUMMARY

Technical Detail/Comments:

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.
 Signed: _____ Print Name: John Zarra
 Title: Production Engineer Date: _____ Email: JZarra@ExtractionOG.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: _____ Date: _____

CONDITIONS OF APPROVAL, IF ANY:

COA Type	Description

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
401402803	WELLBORE DIAGRAM
401402805	CEMENT BOND LOG
401402808	CEMENT JOB SUMMARY
401402809	CEMENT JOB SUMMARY
401402811	CEMENT JOB SUMMARY
401402812	WIRELINE JOB SUMMARY

Total Attach: 6 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
		Stamp Upon Approval

Total: 0 comment(s)