

Document Number:
401335274

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: 10459 Contact Name: John Zarra
 Name of Operator: EXTRACTION OIL & GAS INC Phone: (720) 481-2395
 Address: 370 17TH STREET SUITE 5300 Fax: _____
 City: DENVER State: CO Zip: 80202 Email: JZarra@ExtractionOG.com

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

API Number 05-123-35712-00
 Well Name: MLD Well Number: 23-22
 Location: QtrQtr: SWSW Section: 22 Township: 4N Range: 68W Meridian: 6
 County: WELD Federal, Indian or State Lease Number: _____
 Field Name: WATTENBERG Field Number: 90750

Notice of Intent to Abandon Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.294694 Longitude: -104.995785
 GPS Data:
 Date of Measurement: 03/28/2012 PDOP Reading: 1.3 GPS Instrument Operator's Name: Brian Ritz
 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
CODELL	7346	7368	05/25/2017	B PLUG CEMENT TOP	7278
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+1/4	8+5/8	24	586	440	586	0	VISU
1ST	7+7/8	4+1/2	11.6	7,491	405	7,491	3,997	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7278 with 35 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 68 sks cmt from 797 ft. to 423 ft. Plug Type: STUB PLUG Plug Tagged:
 Set 107 sks cmt from 423 ft. to 0 ft. Plug Type: CASING 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 68 sacks half in. half out surface casing from 797 ft. to 423 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: 700 ft. of 4+1/2 inch casing Plugging Date: 06/16/2017
 *Wireline Contractor: Pioneer Wireline Service *Cementing Contractor: Ranger Cementing/O-Tex Pumping
 Type of Cement and Additives Used: Class G 15.8 ppg 1.15 cuft/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:

Stub plug initially plumped from 797' to surface - free gas caused bubbling in cement at surface for several days. Per correspondance with Diana Burn, once cement had set at surface, cement drilled out to stub and re-pumped in stages. First stage tagged to verify TOC @423' then pumped to surface.

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>
401335283	WELLBORE DIAGRAM
401335284	WIRELINE JOB SUMMARY
401335285	CEMENT JOB SUMMARY
401335286	CEMENT JOB SUMMARY
401335288	CEMENT JOB SUMMARY

Total Attach: 5 Files

General Comments

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

Total: 0 comment(s)