

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:
 401320641
 Date Received:

OGCC Operator Number: 10043 Contact Name: Craig Burger
 Name of Operator: MACKLEY* ARNOLD & DARLEEN Phone: (970) 625-2497
 Address: 4031 COUNTY RD 320 Fax: _____
 City: RIFLE State: CO Zip: 81650 Email: craig.burger@state.co.us

For "Intent" 24 hour notice required, Name: Murray, Richard Tel: (970) 623-9782
COGCC contact: Email: g.richard.murray@state.co.us

API Number 05-045-05076-00
 Well Name: ED T. BERNKLAU Well Number: 1
 Location: QtrQtr: NWSW Section: 34 Township: 6S Range: 94W Meridian: 6
 County: GARFIELD Federal, Indian or State Lease Number: _____
 Field Name: RULISON Field Number: 75400

Notice of Intent to Abandon Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 39.480261 Longitude: -107.880111
 GPS Data:
 Date of Measurement: _____ PDOP Reading: _____ GPS Instrument Operator's Name: _____
 Reason for Abandonment: Dry Production Sub-economic Mechanical Problems
 Other _____
 Casing to be pulled: Yes No Estimated Depth: 600
 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
MESAVERDE	4199	4214	06/07/2017	B PLUG CEMENT TOP	4145
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	8+3/4	7	26	501	180	501	40	CBL
1ST	6+3/4	4+1/2	11.6	4,221	540	4,221	3,150	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 4145 with 6 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 3627 sks cmt from 3353 ft. to 22 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:
 Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged:

Perforate and squeeze at 1500 ft. with 75 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 55 sacks half in. half out surface casing from 618 ft. to 388 ft. Plug Tagged:
 Set 15 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: 555 ft. of 4+1/2 inch casing Plugging Date: 06/07/2017
 *Wireline Contractor: RMWS *Cementing Contractor: Black Frac Tanks Inc
 Type of Cement and Additives Used: Class G w CaCl
 Flowline/Pipeline has been abandoned per Rule 1103 Yes No *ATTACH JOB SUMMARY

Technical Detail/Comments:

Holes in casing found 1443' to 1506'. Surface casing was parted at about 10' below grade.
 Decision made to pull casing to provide a solid stub plug across surface casing shoe.
 Property owner re-routed domestic flowline. Flowline originates at domestic tap on TEP gathering line and is odorized.

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: _____ Print Name: Craig Burger
 Title: NW Area Engineer Date: _____ Email: craig.burger@state.co.us

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: _____ Expiration Date: _____

COA Type	Description

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
401320841	WIRELINER JOB SUMMARY
401320846	OPERATIONS SUMMARY
401320855	CEMENT JOB SUMMARY
401320859	LOCATION PHOTO
401320870	CEMENT BOND LOG
401320949	CEMENT BOND LOG
401321203	WELLBORE DIAGRAM

Total Attach: 7 Files

General Comments

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

Total: 0 comment(s)