

FORM
6Rev
12/05

State of Colorado

Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



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Document Number:

400841212

Date Received:

05/19/2015

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: 10524

Contact Name: Mike Griffis

Name of Operator: GRMR OIL & GAS LLC

Phone: (303) 515-5921

Address: 370 INTERLOCKEN BLVD SUITE 550

Fax:

City: BROOMFIELD State: CO Zip: 80021

Email: mike.griffis@grmroilandgas.com

For "Intent" 24 hour notice required,

Name: Waldron, Emily

Tel: (970) 819-9609

COGCC contact:

Email: emily.waldron@state.co.us

API Number 05-081-07681-00

Well Name: Hart Gulch

Well Number: 1-17

Location: QtrQtr: NWSE Section: 17 Township: 4N Range: 90W Meridian: 6

County: MOFFAT

Federal, Indian or State Lease Number:

Field Name: WADDLE CREEK

Field Number: 90450

☒ Notice of Intent to Abandon☐ Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.312331

Longitude: -107.525378

GPS Data:

Date of Measurement: 08/14/2012

PDOP Reading: 2.4

GPS Instrument Operator's Name: J. White

Reason for Abandonment: ☐ Dry ☐ Production for Sub-economic ☐ Mechanical Problems☒ Other Cleanout string stuck in lateral. Not economically viable to fish andCasing to be pulled: ☐ Yes ☒ No

Estimated Depth:

Fish in Hole: ☒ Yes ☐ No If yes, explain details belowWellbore has Uncemented Casing leaks: ☐ Yes ☒ No If yes, explain details below

Details: See attached wellbore diagram describing in detail what fish is currently in the wellbore.

Current and Previously Abandoned Zones

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
NIOBRARA	4550	8059			

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
CONDUCTOR	30	20		90	48	90	0	VISU
SURF	13+1/2	10+3/4	40.5	547	337	547	0	VISU
1ST	9+7/8	7+5/8	29.7	4,546	396	4,546	0	VISU
OPEN HOLE	6+3/4			8,059				

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	430	sks cmt from	4546	ft. to	7267	ft.	Plug Type:	OPEN HOLE	Plug Tagged:	<input type="checkbox"/>
Set	70	sks cmt from	2500	ft. to	4546	ft.	Plug Type:	ANNULUS	Plug Tagged:	<input type="checkbox"/>
Set	35	sks cmt from	0	ft. to	100	ft.	Plug Type:	CASING	Plug Tagged:	<input type="checkbox"/>
Set		sks cmt from		ft. to		ft.	Plug Type:		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 2500 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 _____ sacks half in. half out surface casing from _____ ft. to _____ 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. of _____ inch casing Plugging Date: _____

*Wireline Contractor: _____ *Cementing Contractor: _____

Type of Cement and Additives Used: _____

Flowline/Pipeline has been abandoned per Rule 1103 ☐ Yes ☐ No *ATTACH JOB SUMMARY

Technical Detail/Comments:

Proposed procedure to Plug and Abandon is as follows: MIRU SU, NU BOP. Attempt to recover a minimum of 650' stuck 3-1/2" DP (per recommendation of COGCC). TIH w/7-5/8" CICR & set above fish @ 2500'. Establish rate and pump 500 sxs of cement below plug, sting out & spot 25 sxs cement on top of plug. Records indicate cement to surface behind production csg. LD tbg to 100' & circulate 35 sxs of cmt to surface in production csg. Dig out and cut off WH 4' below ground level, top off csqs as need, weld on dry hole plate w/ legal ID, backfill cellar & remove rig anchors. Cement Slurry Properties are: Slurry Yield (cu-ft/sx) 1.15, Slurry Weight (ppg) 15.8, Mixing Wtr Required (gal/sx) 4.96, Thickening Time (hrs:min) 2:30; Compressive Strength (psi-24 hrs) 4000.

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

Signed: _____ Print Name: Mike Griffis
Title: Operations Manager Date: 5/19/2015 Email: terry@rockymountainpermitting.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: KRABACHER, JAY Date: 6/2/2015

CONDITIONS OF APPROVAL, IF ANY: _____ Expiration Date: 12/1/2015

COA Type	Description

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400841212	FORM 6 INTENT SUBMITTED
400841226	WELLBORE DIAGRAM

Total Attach: 2 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Passes Permitting: am changing directional map trace of 01 wellbore.	3/2/2015 8:23:41 AM
Engineer	Forms 5 (Drilling cmplt reports) for both -00 and -01 note that the PR string , 5.5", was set. OPR notes on Form 5A (400451467), August 2013) that liner and tubing have been pulled.	3/1/2015 3:37:16 PM
Engineer	added OPEN HOLE section on Casing History tab added CONDUCTOR CBL (isolation scanner) and cement summaries indicate "int" (7.625") csg string to surface	3/1/2015 3:21:31 PM
Engineer	WBD is viewable, & current. will request proposed Post-P-&-A WBD API # should be for sidetrack "-01" (081-07691-01) cement summary (#1535098) notes "22 bbls (cement) to surface" for 7.625" csg string	3/1/2015 2:37:06 PM
Permit	Returned to Draft at operator request.	5/20/2015 8:46:42 AM
Permit	Pending: Requesting wellbore diagram. Cannot read WBD attached.	5/20/2015 6:51:45 AM

Total: 6 comment(s)