

FORM
6Rev
12/05State 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:

401014283

Date Received:

04/13/2016

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: 10550

Contact Name: Deb Lemon

Name of Operator: MUSTANG RESOURCES LLC

Phone: (720) 550-7507

Address: 1660 LINCOLN STREET SUITE 1450

Fax:

City: DENVER State: CO Zip: 80264

Email: dlemon@mustangresourcesllc.com

For "Intent" 24 hour notice required,

Name: Waldron, Emily

Tel: (970) 819-9609

COGCC contact:

Email: emily.waldron@state.co.us

API Number 05-081-06741-00

Well Name: FEDERAL

Well Number: 4-24

Location: QtrQtr: SWSW Section: 24 Township: 9N Range: 91W Meridian: 6

County: MOFFAT

Federal, Indian or State Lease Number: 36269

Field Name: BLUE GRAVEL

Field Number: 6970

☒ Notice of Intent to Abandon☐ Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.719062

Longitude: -107.557835

GPS Data:

Date of Measurement: 05/17/2011

PDOP Reading: 3.0

GPS Instrument Operator's Name: Chuck Dubs

Reason for Abandonment: ☐ Dry☒ Production Sub-economic☐ Mechanical Problems☐ OtherCasing 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
LEWIS	4132	4190			

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	336	225	336	0	CBL
1ST	7+7/8	5+1/2	15.5	4,434	274	4,434	2,500	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 18 sks cmt from 1550 ft. to 1400 ft. Plug Type: CASING Plug Tagged: ☒

Set 6 sks cmt from 4100 ft. to 4050 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 4100 ft. with 33 sacks. Leave at least 100 ft. in casing 4100 CICR Depth

Perforate and squeeze at 1500 ft. with 15 sacks. Leave at least 100 ft. in casing _____ CICR Depth

Perforate and squeeze at 386 ft. with 109 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:

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

Signed: _____ Print Name: Deb Lemon

Title: Regulatory Analyst Date: 4/13/2016 Email: dlemon@mustangresourcesllc.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: ANDREWS, DAVE Date: 6/17/2016

CONDITIONS OF APPROVAL, IF ANY: _____ Expiration Date: 12/16/2016

COA Type

Description

1) Provide 48 hour notice of plugging MIRU via COGCC electronic Form 42.
2) Properly abandon flowlines per Rule 1103. File COGCC electronic Form 42 when flowline abandonment is complete.
3) Operator shall comply with BLM Conditions of Approval for plugging requirements. Changes on this form and comments on this form reflect BLM plugging Conditions of Approval for this well. Casing pressure test required after setting plug above production perforations, per BLM Conditions of Approval. Operator shall notify COGCC of any plugging changes, as directed by BLM in the field, as soon as practicable. COGCC contact for plugging changes is Dave Andrews (970-456-5262 cell).

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
401014283	FORM 6 INTENT SUBMITTED
401017115	PROPOSED PLUGGING PROCEDURE

Total Attach: 2 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Added perforations at 386' to this form for surface casing shoe plug, shown as a "squeeze" on this form, but operator shall comply with BLM Conditions of Approval for this plug, "Do not use a retainer for surface shoe plug; the surface shoe plug must be a balanced plug to ensure cement is a minimum of 50' above the casing shoe on the backside and in casing; proposed 109 sx of cement and location of perforations [386' shown on operator's attached procedure] is acceptable; ensure all casing an annuli are cemented to surface."	6/17/2016 11:50:58 AM
Engineer	Operator's proposed plug in casing (13 sx from 1500' to 1400') is not acceptable for isolation of Fort Union from overlying Wasatch Formation (interval currently uncemented). This plug must be set in casing and annulus. COGCC defers to BLM Conditions of Approval for this plug: perforate at 1500' and set balanced plug from 1550' to 1400' (allows for 150' [18 sx] in casing and and 100' [15 sx]) in annulus. Modified procedure on this form to reflect BLM Conditions of Approval.	6/17/2016 11:40:16 AM
Engineer	Operator's attached procedure shows 45 cf (39 sx for a CICR squeeze at 4100'), with 100' in casing above CICR. Changed to 33 sx squeezed below CICR with 6 sx (50' in 5-1/2" 15.5 ppf casing) on top of the CICR to match BLM Conditions of Approval for plugging this well. Total plug volume remains 39 sx minimum, per BLM's requirements, consistent with operator's procedure.	6/17/2016 11:23:57 AM
Engineer	Lewis Formation top reported by original operator at 3558' MD on Well Completion Report #273188, which appears to be correct, based on COGCC review of Dual Induction Log #1042163. Completed interval from 4132' to 4190' is entirely in the Lewis Formation, and all COGCC production reports refer to a Lewis completion. Changed "Lance-Lewis" completed zone on this form to "Lewis." This well is currently SI, and the completed zone is currently open with no plugs above the top perforation. Removed "retainer-squeezed" at 4100' as a "previously-abandoned zone" and changed plug type to "None." The plug at 4100' is planned. Changed First String setting depth from 4450', which is the TMD of the hole to 4434', which is the casing setting depth.	6/17/2016 11:03:54 AM
Permit	273195 is CBL.	5/26/2016 1:27:52 PM
Public Room	Document verification complete 04/18/16	4/18/2016 10:11:08 AM

Total: 6 comment(s)