

FORM

6

Rev
11/20

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:

403240880

Date Received:

11/28/2022

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: 10677

Contact Name: Richard Murray

Name of Operator: WOLVERINE RESOURCES LLC

Phone: (970) 989-3092

Address: 109 EAST 17TH STREET #430

Fax:

City: CHEYENNE State: WY Zip: 82001

Email: g.richard.murray@state.co.us

For "Intent" 24 hour notice required,

Name: Ramsey, Scott

Tel: (970) 623-9782

COGCC contact:

Email: scott.ramsey@state.co.us

Type of Well Abandonment Report: ☒ Notice of Intent to Abandon ☐ Subsequent Report of Abandonment

API Number 05-081-07288-00

Well Name: ELLIS (OWP)

Well Number: 44-30

Location: QtrQtr: SESE Section: 30 Township: 10N Range: 93W Meridian: 6

County: MOFFAT

Federal, Indian or State Lease Number:

Field Name: GREAT DIVIDE

Field Number: 32750

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.792650

Longitude: -107.868780

GPS Data: GPS Quality Value: 1.7 Type of GPS Quality Value: Date of Measurement: 04/03/2012

Reason for Abandonment: ☐ Dry ☐ Production Sub-economic ☐ Mechanical Problems☒ Other Orphan Well ProgramCasing to be pulled: ☐ Yes ☒ No Estimated Depth: 9110Fish in Hole: ☐ Yes ☒ No If yes, explain details belowWellbore 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	7468	7714			

Total: 1 zone(s)

Casing History

Casing Type	Size of Hole	Size of Casing	Grade	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top	Status
CONDUCTOR	20	16	UK	Uk	0	40		40	0	
SURF	12+1/4	8+5/8	UK	24	0	806	380	806	0	VISU
1ST	7+7/8	5+1/2	UK	17	0	7994	485	7994	4670	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7418 with 3 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>15</u> sks cmt from <u>7000</u> ft. to <u>6900</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input type="checkbox"/>
Set <u>15</u> sks cmt from <u>6810</u> ft. to <u>6710</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input type="checkbox"/>
Set <u>15</u> sks cmt from <u>5570</u> ft. to <u>5470</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input type="checkbox"/>
Set <u>15</u> sks cmt from <u>4800</u> ft. to <u>4700</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 2550 ft. with 32 sacks. Leave at least 100 ft. in casing 2500 CICR Depth

Perforate and squeeze at 856 ft. with 32 sacks. Leave at least 100 ft. in casing 806 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 14 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

Surface Plug Setting Date: _____ Cut and Cap Date: _____ Number of Days from Setting Surface Plug to Capping or Sealing the Well: _____

*Wireline Contractor: _____

*Cementing Contractor: _____

Type of Cement and Additives Used: _____

Flowline/Pipeline has been abandoned per Rule 1105 ☐ Yes ☐ No

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: Richard Murray

Title: OWP Specialist Date: 11/28/2022 Email: g.richard.murray@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: BURGER, CRAIG

Date: 12/7/2022

CONDITIONS OF APPROVAL, IF ANY:

Expiration Date: 6/6/2023

COA Type	Description
	<p>1) Perform bradenhead test prior to MIRU if test has not been performed within six months of plugging. Submit results on Form 17. Collect sample if initial bradenhead pressure is greater than 25 psi.</p> <p>2) Prior to placing the surface casing shoe plug: verify that all fluid migration (liquid and gas) has been eliminated. If evidence of fluid migration or pressure remains, contact COGCC Engineer for an update to plugging orders.</p> <p>3) Provide electronic Form 42 Notice of MIRU 2 business days ahead of operations and electronic Form 42 Notice of Plugging Operations 48 hours prior to mobilizing for plugging operations.</p> <p>4) The approved Form 6, Notice of Intent will be at the location during all phases of plugging operations.</p> <p>5) Properly abandon flowlines as per Rule 1105. Pursuant to Rule 911.a. Closure of Oil and Gas Facilities, Operator will submit Site Investigation and Remediation Workplans via Form 27 for COGCC prior approval before cutting and capping the plugged well, conducting flowline abandonment, and removing production equipment. Pursuant to Rule 1105.f. Abandonment Verification, within 90 days of an operator completing abandonment requirements for a flowline or crude oil transfer line, an operator must submit a Field Operations Notice, Form 42-Abandonment of Flowlines for on-location flowlines, and a Flowline Report, Form 44, for off-location flowlines or crude oil transfer lines.</p>
	Operator will implement measures to capture, combust, or control emissions to protect health and safety, and to ensure that vapors and odors from well plugging operations do not constitute a nuisance or hazard to public health, welfare and the environment.
2 COAs	

Attachment List

Att Doc Num	Name
403240880	FORM 6 INTENT SUBMITTED
403241368	WELLBORE DIAGRAM

Total Attach: 2 Files

General Comments

User Group	Comment	Comment Date
OGLA	CPW looked at the nearby leks in this area. There have not been any observed birds in the last 3 years, so CPW concerns on timing are minimal. Since no new ground disturbance is required, waiting until July 15th is not necessary to avoid impacts on nests or broods.	12/06/2022
Permit	Confirmed as-drilled well location. No other forms in process. Corrected productive interval docnum: 1514911. Reviewed WBDs. Production reporting delinquent, missing 3/2021-present. Pass.	11/29/2022

Total: 2 comment(s)