

FORM
6Rev
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



DE	ET	OE	ES
----	----	----	----

Replug By Other Operator

Document Number:

402711918

Date Received:

07/21/2021

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: 96155

Contact Name: Andrew Fish

Name of Operator: WHITING OIL & GAS CORPORATION

Phone: (303) 357-4021

Address: 1700 LINCOLN STREET SUITE 4700

Fax:

City: DENVER State: CO Zip: 80290

Email: andrew.fish@whiting.com

For "Intent" 24 hour notice required,

Name: Moran, Rick

Tel: (720) 827-6689

COGCC contact:

Email: rick.moran@state.co.us

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

API Number 05-103-05446-00

Well Name: EMERALD C

Well Number: 134

Location: QtrQtr: SWNW Section: 6 Township: 1N Range: 102W Meridian: 6

County: RIO BLANCO

Federal, Indian or State Lease Number:

Field Name: RANGELY

Field Number: 72370

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.087768

Longitude: -108.894384

GPS Data: GPS Quality Value: 1.6 Type of GPS Quality Value: PDOP Date of Measurement: 11/04/2020

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 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

Total: 0 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
SURF	13	10+3/4	Q-125	32.75	0	44	35	44	0	CALC
OPEN HOLE	13				44	3425				

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 102 sks cmt from 418 ft. to 573 ft. Plug Type: OPEN HOLE Plug Tagged: ☒
Set 92 sks cmt from 4 ft. to 147 ft. Plug Type: OPEN HOLE 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 _____ 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 Number of Days from Setting Surface Plug
Surface Plug Setting Date: 05/28/2021 Cut and Cap Date: 06/02/2021 to Capping or Sealing the Well: 4

*Wireline Contractor: Diamondback

*Cementing Contractor: Diamondback

Type of Cement and Additives Used: ASTM C

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

Technical Detail/Comments:

Sludge, Rock & Mud bridged off at 1,488'; Unable to get to the bottom
Rock & Shale Mix; 9 7/8 in; 573.0 - 1,488.0ftKB
Rock & Shale Mix; 9 7/8 in; 147.0 - 418.0ftKB

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

Signed: _____ Print Name: Bryce Maifeld
Title: Regulatory Specialist Date: 7/21/2021 Email: bryce.maifeld@whiting.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: Katz, Aaron Date: 11/11/2021

CONDITIONS OF APPROVAL, IF ANY:

Condition of Approval

COA Type

Description

0 COA

Attachment List

<u>Att Doc Num</u>	<u>Name</u>
402711918	FORM 6 SUBSEQUENT SUBMITTED
402712361	CEMENT JOB SUMMARY
402712364	OPERATIONS SUMMARY
402712367	LOCATION PHOTO
402715596	WELLBORE DIAGRAM
402716027	WIRELINE JOB SUMMARY

Total Attach: 6 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	<p>Corrected casing information per drilling completion document</p> <p>Plugging DOC#39448 indicates well was only capped at surface. Operator completed plugging operations meeting current standards.</p> <p>No zones or production data to report, well was not produced</p> <p>No flowlines, well was not completed or produced</p> <p>Surface location verified</p> <p>Legacy well with little historical information available</p> <p>Operator unable to reach TD of well due to downhole conditions</p> <p>Moved plugging data to proper line item</p>	11/11/2021

Total: 1 comment(s)