

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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Replug By Other Operator

Document Number:

402658050

Date Received:

05/21/2021

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: Madalyn McGuire

Name of Operator: WHITING OIL & GAS CORPORATION

Phone: (303) 357-4083

Address: 1700 LINCOLN STREET SUITE 4700

Fax:

City: DENVER State: CO Zip: 80290

Email: madalyn.mcguire@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: 40.080000

Longitude: -108.894746

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☒ Other Re-plug by other operator. AL had casing set.Casing to be pulled: ☐ Yes ☒ No Estimated Depth: 3425Fish in Hole: ☒ Yes ☐ No If yes, explain details belowWellbore has Uncemented Casing leaks: ☐ Yes ☒ No If yes, explain details below

Details: Fish in hole at approximately 3390'. Sludge, rock, and mud bridged off at 1488'.

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	H-149	32.75	0	28	35	28	0	CALC
OPEN HOLE	13				28	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 123 sks cmt from 450 ft. to 600 ft. Plug Type: OPEN HOLE Plug Tagged: ☒

Set 105 sks cmt from 4 ft. to 152 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

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:

Rock & Shale Mix; 9 7/8 in; 600.0 - 1,488.0 ftKB

Rock & Shale Mix; 9 7/8 in; 152.0 - 450.0 ftKB

Sludge, rock, and mud bridged off at 1,488' (unable to get to bottom). The well was originally drilled to a depth of 3,425'.

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: 5/21/2021 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: 5/24/2022

CONDITIONS OF APPROVAL, IF ANY:

Expiration Date: 11/23/2022

Condition of Approval

COA Type

Description

	<p>1) 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>2) The approved Form 6, Notice of Intent will be at the location during all phases of plugging operations.</p> <p>3) Operator shall implement measures to control venting and to ensure that vapors and odors from well plugging operations do not constitute a nuisance or hazard.</p> <p>4) 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>
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1 COA

Attachment List

Att Doc Num

Name

402658050	FORM 6 INTENT SUBMITTED
402658071	WELLBORE DIAGRAM
402658073	WELLBORE DIAGRAM
402658075	PROPOSED PLUGGING PROCEDURE

Total Attach: 4 Files

General Comments

User Group

Comment

Comment Date

Engineer	<p>Added open hole section and casing details from historical well completion report</p> <p>Original plugging in 1961 only consisted of capping well at surface</p> <p>There are no water wells within 1 mile</p> <p>Due to wellbore configuration there is no BH access on this well</p> <p>Legacy well with little historical information available</p> <p>No zones or production to report, well was not produced</p> <p>There is no offset Wasatch G production within 1 mile</p> <p>Updated plugging procedure data to standard input line</p>	05/24/2022
Permit	Not sure what happened to this form 6NOI, form 6S already passed. This form got lost in the system passing now.	05/23/2022

Total: 2 comment(s)