

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



DE ET OE ES

Document Number:

403149673

Date Received:

08/29/2022

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: 38550

Contact Name: Cal St. John

Name of Operator: HATHAWAY OPERATORS, INC

Phone: (720) 545-5624

Address: P O BOX 118

Fax:

City: MARVEL State: CO Zip: 81329

Email: cal.stjohn@state.co.us

For "Intent" 24 hour notice required,

Name: Klink, Alex

Tel: (970) 580-4918

COGCC contact:

Email: alex.klink@state.co.us

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

API Number 05-067-06422-00

Well Name: FLINT (OWP)

Well Number: 1

Location: QtrQtr: NESE Section: 8 Township: 33N Range: 12W Meridian: N

County: LA PLATA

Federal, Indian or State Lease Number:

Field Name: WILDCAT

Field Number: 99999

Only Complete the Following Background Information for Intent to Abandon

Latitude: 37.115880

Longitude: -108.166440

GPS Data: GPS Quality Value: 6.0 Type of GPS Quality Value: PDOP Date of Measurement: 03/23/2016

Reason for Abandonment: ☐ Dry ☐ Production Sub-economic ☐ Mechanical Problems☒ Other Orphaned WellCasing 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 electronic well file records do not indicate well was ever plugged. Complaint #200439229 indicated fluids and gas leaking at wellhead. COGCC staff installed fittings and valves to secure well 03/23/2016. Follow up inspection conducted 04/05/2016 found the well to be secure and not leaking at time of follow-up.

Current and Previously Abandoned Zones

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
DAKOTA	3252	3470			

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
SURF	12+1/2	9+5/8	UNK	40	0	109	40	109	0	VISU
1ST	8+1/4	7	UNK	20	0	1444	0			
2ND	6+1/4	4+1/2	UNK	10.5	0	3470	55	3470	2854	CALC

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 3200 with 2 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 _____ 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: ☐
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 2220 ft. with 45 sacks. Leave at least 100 ft. in casing 2170 CICR Depth
Perforate and squeeze at 1077 ft. with 45 sacks. Leave at least 100 ft. in casing 1027 CICR Depth
Perforate and squeeze at 622 ft. with 45 sacks. Leave at least 100 ft. in casing 572 CICR Depth

(Cast Iron Cement Retainer Depth)

Set 70 sacks half in. half out surface casing from 159 ft. to 0 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:

Note: 7' First String of casing was pulled after Second String production casing was set in wellbore.
RIH w/gauge ring & tag existing PBTD.
Remove any obstructions in the well to reach PBTD.
Remove rods, tubing, tubing anchor/packer/BHA.
Kill the well - Do not assume well is dead.
Plug #1 - Set CICR @ 3200' w/2 sx on top.
Plug #2 - Perf 4 1/2" @ 2220'. Establish rate. Set 4 1/2" CICR @ 2170' and establish injection rate. Squeeze 30 sx w/15 sx on top.
Plug #3 - Perf 4-1/2" @ 1,077'. Establish injection rate. Set 4-1/2" CICR @ 1,027' and establish injection rate. Squeeze 30 sx w/ 15 sx cement on top.
Plug #4 - Perf 4-1/2" @ 622'. Establish injection rate. Set 4-1/2" CICR @ 572' and establish injection rate. Squeeze 30 sx w/ 15 sx cement on top.
Plug #5 - Perf 4-1/2" @ 159'. Establish circulation to surface. Circulate 70 sx w/returns to surface.
After 5 days.
Fill cement to surface in all annuli w/additional sx as needed.
Cut, cap, and bury per COGCC rules/regulations/guidelines.

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

Signed: _____

Print Name: Cal St. John

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: Duran, Alicia

Date: 9/29/2022

CONDITIONS OF APPROVAL, IF ANY:

Expiration Date: 3/28/2023

Condition of Approval

COA Type

Description

	<p>Flowline and site closure COA:</p> <p>Consistent with Rule 911.a, a Form 27 must be approved prior to cut and cap, conducting flowline abandonment, or removing production equipment. Allow 30 days for Director review of the Form 27; include the Form 27 document number on the Form 44 for offsite flowline abandonment (if applicable) and on the Form 6 Subsequent.</p> <p>Properly abandon flowlines per Rule 1105. If flowlines will be abandoned in place, include with the Form 27: pressure test results conducted in the prior 12 months as well as identification of any document numbers for a COGCC Spill/Release Report, Form 19, associated with the abandoned line.</p>
	<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) 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) After isolation has been verified, pump surface casing shoe plug. If cement is not circulated to surface, shut-in, WOC 4 hours then tag plug – must be at 50' or shallower and provide 10 sx plug at the surface.</p> <p>4) Leave at least 100' of cement in the wellbore for each plug without mechanical isolation</p> <p>5) Verify existing cement coverage by CBL - submit to COGCC for verification of plugging orders prior to continuing plugging operations.</p>
	<p>Bradenhead COAs:</p> <p>Prior to starting plugging operations, a bradenhead test shall be performed if there has not been a reported bradenhead test within the 60 days immediately preceding the start of plugging operations.</p> <p>1) If, before opening the bradenhead valve, the beginning pressure is greater than 25 psi, sampling is required.</p> <p>2) If pressure remains at the conclusion of the test, or if any liquids were present during the test, sampling is required.</p> <p>The Form 17 shall be submitted within 10 days of the test. Sampling shall comply with Operator Guidance - Bradenhead Testing and Reporting Instructions. If samples are collected, copies of all final laboratory analytical results shall be provided to the COGCC within three (3) months of collecting the samples.</p> <p>If there is a need for sampling, contact COGCC engineering for verification of plugging procedure.</p>
	<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.</p>
4 COAs	

Attachment List

<u>Att Doc Num</u>	<u>Name</u>
403149673	FORM 6 INTENT SUBMITTED
403149827	WELLBORE DIAGRAM

Total Attach: 2 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Made corrections to casing history.	09/22/2022
OGLA	OGLA review complete.	09/06/2022
OGLA	Well is located in a CPW mapped High Priority Habitat for mule deer severe winter range and mule deer winter concentration area. Although plugging and abandonment operations with heavy equipment will be allowed, the operator is strongly encouraged to avoid them between December 1 through April 30.	09/06/2022
Permit	Confirmed as-drilled well location. Reviewed WBDs. Pass.	08/30/2022

Total: 4 comment(s)