

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



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Document Number:

402007993

Date Received:

04/07/2021

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: 11001

Contact Name: Mark Brown

Name of Operator: BROWN OIL & GAS LLC

Phone: (970) 5221072

Address: 10481 COUNTY ROAD 20.5

Fax: (970) 5210187

City: STERLING State: CO Zip: 80751

Email: brownoilandgas1@gmail.com

For "Intent" 24 hour notice required,

Name: Schure, Kym

Tel: (970) 520-3832

COGCC contact:

Email: kym.schure@state.co.us

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

API Number 05-075-09351-00

Well Name: CEDAR CREEK RANCH

Well Number: 1-Y

Location: QtrQtr: SWSW Section: 1 Township: 9N Range: 54W Meridian: 6

County: LOGAN

Federal, Indian or State Lease Number:

Field Name: CEDAR CREEK NORTH

Field Number: 10700

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.776550

Longitude: -103.361450

GPS Data: GPS Quality Value: 2.2 Type of GPS Quality Value: PDOP Date of Measurement: 07/21/2012

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
D SAND	4960	4992			
J SAND	5084	5134		BRIDGE PLUG	5127

Total: 2 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+1/4	8+5/8	J55	24	0	716	435	716	0	VISU
1ST	7+7/8	4+1/2	J55	11.60	0	5200	100	5200	4790	CALC

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 5034 with 2 sacks cmt on top. CIBP #2: Depth 4910 with 2 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>12</u> sks cmt from <u>150</u> ft. to <u>0</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input type="checkbox"/>
Set <u>20</u> sks cmt from <u>150</u> ft. to <u>0</u> ft.	Plug Type: <u>ANNULUS</u>	Plug Tagged: <input type="checkbox"/>
Set <u>10</u> sks cmt from <u>766</u> ft. to <u>666</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input checked="" type="checkbox"/>
Set <u>2</u> sks cmt from <u>1450</u> ft. to <u>1425</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 766 ft. with 50 sacks. Leave at least 100 ft. in casing _____ CICR Depth

Perforate and squeeze at 1500 ft. with 40 sacks. Leave at least 100 ft. in casing 1450 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 0 sacks in rat hole Set 0 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: Mark Brown

Title: president Date: 4/7/2021 Email: brownoilandgas1@gmail.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: Wolfe, Stephen Date: 4/26/2021

CONDITIONS OF APPROVAL, IF ANY:

Expiration Date: 10/25/2021

Condition of Approval

COA Type

Description

	Venting Operator shall implement measures to control unnecessary and excessive venting, to protect the health and safety of the public, and to ensure that vapors and odors from well plugging operations do not constitute a nuisance or hazard to public welfare.
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	<p>Bradenhead Testing 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> <ol style="list-style-type: none"> 1) If, before opening the bradenhead valve, the beginning pressure is greater than 25 psi, sampling is required. 2) If pressure remains at the conclusion of the test, or if any liquids were present during the test, sampling is required. <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>Plugging</p> <ol style="list-style-type: none"> 1) Provide 48 hour notice of plugging MIRU via electronic Form 42. 2) Contact COGCC Area Inspector prior to commencing plugging operations. 3) Plugs and squeezes will be placed as stated in the Plugging Procedure section of the approved NOIA unless revised by COA or prior approval from COGCC is obtained. 4) The wellbore must be static prior to placing cement plugs which are to be a minimum of 100' in length for all but surface plugs. Mechanical isolation requires a 25' cement plug, minimum. For plugs not specified to be tagged, a tag is required if circulation is not maintained while pumping plug and displacing to depth. Tag at tops specified or shallower. Notify COGCC Area Engineer before adding cement to previous plug. 5) Place a 50' plug (minimum) at the surface, both inside the inner most casing and in all annular spaces. Surface plugs shall be circulated to surface. Confirm cement to surface in all strings during cut and cap. 6) With the Form 6 SRA operator must provide written documentation which positively affirms each COA has been addressed. 7) 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. 8) Add CIBP with 2 sx of cement at 5034', J Sand isolation. 9) Move CIBP with 2 sx of cement from 4940' to 4910', D Sand isolation. 10) After placing the shallowest hydrocarbon isolating plug (4910'), operator must wait a sufficient time on all subsequent plugs to confirm static conditions. If at any time after placing this plug there is evidence of pressure or of fluid migration, contact COGCC Area Engineer before continuing operations. 11) Add 40 sx squeeze at 1500' for Upper Pierre isolation. If CICR is not used, leave 100' of cement in the casing, WOC and tag.. 12) Perforate at 766' and squeeze shoe with 50 sx of cement. WOC and tag, top of cement must be 666' or higher. Contact COGCC Area Engineer prior to adding cement to the plug. 13) Increase surface plug to 150-0' inside production casing(15 sx) and in production-surface casing annulus(20 sx).
	<p>Two wells are plotting on top of each other on the map. Reported "as drilled" GPS data is inaccurate. Submit accurate "as drilled" GPS data on Subsequent Report of Abandonment. GPS data must meet the requirements of Rule 216.</p>
	<p>Submit a form 5A to report the entire perf interval for the Jsand and the bridge plug identified on the current wellbore diagram attached to the Notice of Intent. Include a wireline ticket. This Form 5A must be submitted within 30 days for compliance with Rule 416.</p>

Submit Operator's Monthly Production Reports (Form 7) required for compliance with Rule 413 within 30 days. Missing 4/2018 DSND, 9/2018 DSND, JSND, 1/2021-2/2021 DSND, JSND.

6 COAs

Attachment List

<u>Att Doc Num</u>	<u>Name</u>
402007993	FORM 6 INTENT SUBMITTED
402651590	WELLBORE DIAGRAM
402651595	WELLBORE DIAGRAM

Total Attach: 3 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Groundwater: Northern High Plains, Upper Pierre Deepest Water Well: 90'(3 wells-1 mi), 585'(21 wells-2mi) Log: 075-09351 4/3/06 Upper Pierre base 930'	04/23/2021
OGLA	- Cedar Creek Ranch 1-Y is not near CPW-mapped HPH nor within 5280 ft of residential building units. - Sandlin Oil Corp: Location #390698/Brown Oil & Gas Location #312327/Production Pit #287328 - Location has two other wells: Cedar Creek 1-X (Status DA 2006) and Cedar Creek Ranch 1 (Status PA 2006) - A production pit appears to the north of the well pad with production facilities	04/13/2021
Permit	-Confirmed as-drilled well location. -No other forms in process. -Production reporting delinquent. -Confirmed productive intervals docnum: 1751285. Missing 5A that shows new perms. Docnum: 1320483 shows BP. -Reviewed WBDs. -Pass.	04/08/2021

Total: 3 comment(s)