

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:

402894586

Date Received:

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: 83130

Contact Name: Shawn Reed

Name of Operator: STRACHAN EXPLORATION INC

Phone: (303) 562-6530

Address: 383 INVERNESS PKWY, STE 360

Fax: (303) 799-8795

City: ENGLEWOOD State: CO Zip: 80112

Email: shawn@strachanexploration.com

For "Intent" 24 hour notice required,

Name:

Tel:

COGCC contact:

Email:

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

API Number 05-061-06433-00

Well Name: HELFRICH

Well Number: 4

Location: QtrQtr: NENE Section: 8 Township: 19S Range: 50W Meridian: 6

County: KIOWA

Federal, Indian or State Lease Number:

Field Name: SALT LAKE

Field Number: 76180

Only Complete the Following Background Information for Intent to Abandon

Latitude: 38.424260

Longitude: -103.027162

GPS Data: GPS Quality Value: 2.3 Type of GPS Quality Value: Date of Measurement: 06/01/2007

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
MORROW	5200	5217			

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+1/4	8+5/8	j-55	24	0	458	235	458	0	VISU
S.C. 1.1	7+7/8	4+1/2	n-80	10.5	0	5300	175	5300	4325	CALC
S.C. 1.2	7+7/8	4+1/2	n-80	10.5	0	2488	200	2488	1000	CALC

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 5170 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 12 sks cmt from 2440 ft. to 2540 ft. Plug Type: CASING 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 _____ 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 40 sacks half in. half out surface casing from 408 ft. to 508 ft. Plug Tagged: ☒

Set 15 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: 10/18/2021 Cut and Cap Date: 12/09/2021 Number of Days from Setting Surface Plug to Capping or Sealing the Well: 52

*Wireline Contractor: Peak Wireline

*Cementing Contractor: Hurricane Servoces

Type of Cement and Additives Used: H -Plug +2%CCon tag plug

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

Technical Detail/Comments:

Job went as per approved plan, no deviations, Tagged the In/Out plug at 400'

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

Signed: _____

Print Name: Shawn Reed

Title: Petroleum Consultant

Date: _____

Email: shawn@strachanexploration.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: _____

Date: _____

CONDITIONS OF APPROVAL, IF ANY:

COA Type

Description

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Attachment List

<u>Att Doc Num</u>	<u>Name</u>
402894686	CEMENT BOND LOG
402894699	OPERATIONS SUMMARY
402894700	WELLBORE DIAGRAM
402894701	WIRELINE JOB SUMMARY
402894704	CEMENT JOB SUMMARY
402894743	LOCATION PHOTO

Total Attach: 6 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
		Stamp Upon Approval

Total: 0 comment(s)