

FORM
6Rev
05/18

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:

401950039

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: Steve Strachan

Name of Operator: STRACHAN EXPLORATION INC

Phone: (303) 790-9115

Address: 383 INVERNESS PKWY, STE 360

Fax: (303) 799-8794

City: ENGLEWOOD State: CO Zip: 80112

Email: sms@strachanexploration.com

For "Intent" 24 hour notice required,

Name: Welsh, Brian

Tel: (719) 325-6919

COGCC contact:

Email: brian.welsh@state.co.us

API Number 05-099-06876-00

Well Name: 4-3 BAILEY

Well Number: 1-18

Location: QtrQtr: NWNW Section: 3 Township: 26S Range: 45W Meridian: 6

County: PROWERS

Federal, Indian or State Lease Number:

Field Name: BARREL SPRINGS

Field Number: 5305

☒ Notice of Intent to Abandon☐ Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 37.822448

Longitude: -102.472954

GPS Data:

Date of Measurement: 09/29/2010

PDOP Reading: 2.0

GPS Instrument Operator's Name: Matthew Cruson

Reason for Abandonment:

☐ Dry☒ Production Sub-economic☐ Mechanical Problems☐ Other

Casing to be pulled:

☐ Yes☒ No

Estimated Depth:

Fish in Hole:

☐ Yes☒ No

If yes, explain details below

Wellbore 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	5037	5092			

Total: 1 zone(s)

Casing History

Casing Type	Size of Hole	Size of Casing	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bot	Cement Top	Status
SURF	12+1/4	8.625	24	531	300	531	0	VISU
1ST	7+7/8	4.5	10.5	5,037	311	5,037	3,800	CALC
S.C. 1.1	7+7/8	4.5	10.5	3,170	680	3,170	300	CALC

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 10 sks cmt from 580 ft. to 470 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 5011 ft. with 90 sacks. Leave at least 100 ft. in casing 2225 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 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. _____ inch casing Cut and Cap Date: _____
of _____

*Wireline Contractor: _____ *Cementing Contractor: _____

Type of Cement and Additives Used: _____

Flowline/Pipeline has been abandoned per Rule 1105 ☐ Yes ☐ No *ATTACH JOB SUMMARY

Technical Detail/Comments:

Able to release Packer and recover all Tbg - After setting CIBP at 5010 and putting 2 sacks of cement on top of the CIBP a CBL log will be run to determine the TOC from the DV tool cement job.

If the TOC is below 531' (surface casing depth) the 4.5 casing will be perforated at 585' (if TOC below 585') and a Retainer set at 480 and squeezed with approximately 50 sacks depending on depth of perforations.

Unable to recover tubing and Packer - Will fish the tubing with crimp at 550', then shoot off and recover tubing to near the 2nd crimp at 2250'. We can pump down the tubing so will install Retainer at 2250' and pump 90 sx cement to plug the Morrow Sand, leaving 2 sx on top of retainer. Run CBL to assess top of 2nd stage cement. If above 531' (SP shoe), spot 10 sk Plug from 580-470', then surface plug.

If 2nd Stg cement top is not at 531' - perforate casing at 585', set reatiner at 480', circulate 50/50' in/out plug leaving 2 sx on top of retainer, set surface plug.

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

Signed: _____ Print Name: Steve Strachan
Title: President Date: _____ Email: sms@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: _____

Expiration Date: _____

COA Type

Description

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Attachment Check List

Att Doc Num

Name

402177836	WELLBORE DIAGRAM
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Total Attach: 1 Files

General Comments

User Group

Comment

Comment Date

Permit	Missing WBDs. Returned to draft.	09/02/2019
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Total: 1 comment(s)