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**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 theMorrow 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: \_\_\_\_\_

<u>COA Type</u>	<u>Description</u>

**Attachment Check List**

<u>Att Doc Num</u>	<u>Name</u>
402177836	WELLBORE DIAGRAM

Total Attach: 1 Files

**General Comments**

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Missing WBDs. Returned to draft.	09/02/2019

Total: 1 comment(s)