

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.

Document Number:
2226314

Date Received:
04/03/2017

OGCC Operator Number: 83130 Contact Name: BILL CLAXTON

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: bill@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 05-011-06046-00

Well Name: MARSHALL STATE Well Number: 1-4

Location: QtrQtr: CSW Section: 4 Township: 21S Range: 48W Meridian: 6

County: BENT Federal, Indian or State Lease Number: C-69-7217-S

Field Name: MCCLAVE Field Number: 53600

Notice of Intent to Abandon Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 38.248880 Longitude: -102.811628

GPS Data:
Date of Measurement: 03/27/2010 PDOP Reading: 5.0 GPS Instrument Operator's Name: PAT MCDOWELL

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	4740	4750			

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+5/8	24	328	200	328	0	
1ST	7+7/8	4+1/2	10.5	4,888	175	4,888		

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 4600 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 1000 ft. with 120 sacks. Leave at least 100 ft. in casing 970 CICR Depth

Perforate and squeeze at 380 ft. with 95 sacks. Leave at least 100 ft. in casing 350 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 5 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 Plugging Date: _____

*Wireline Contractor: _____ *Cementing Contractor: _____

Type of Cement and Additives Used: _____

Flowline/Pipeline has been abandoned per Rule 1103 Yes No *ATTACH JOB SUMMARY

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: C. WILLIAM CLAXTON

Title: ENGINEER Date: 3/28/2017 Email: bill@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: SUTPHIN, DIRK Date: 4/27/2017

CONDITIONS OF APPROVAL, IF ANY: _____

Expiration Date: 10/26/2017

COA Type	Description
	1) Provide 48 hour notice of MIRU via electronic Form 42. 2) Shoe plug: Tag plug 50' above surface casing shoe, if not circulated to surface. 3) Surface plug: Cement from 50' to surface in casing and annulus. 4) Properly abandon flowlines per Rule 1103. File Form 42 when done. 5) Abandoned well marker shall be inscribed with the well identification per Rule 319.a. (5).
	Bradenhead: Prior to initiation of plugging operations, a Bradenhead test shall be performed. Form 17 shall be submitted within 10 days. If there is 25 psi or greater pressure on the Bradenhead, or flowed any liquids from the Bradenhead, collect samples. See COGCC website - Operator Guidance - Bradenhead Testing and Reporting Instructions, Appendix A: Liquid and Gas Sampling.
	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 215.

Attachment Check List

Att Doc Num	Name
2226314	FORM 6 INTENT SUBMITTED
2226315	WELLBORE DIAGRAM
2226316	CORRESPONDENCE

Total Attach: 3 Files

General Comments

User Group	Comment	Comment Date
Permit	Per operator, corrected zones tab.	04/06/2017
Permit	Missing zones tab information and as-drilled GPS data is inaccurate. Contacted operator.	04/05/2017
Public Room	Document verification complete 04/04/17	04/04/2017

Total: 3 comment(s)