

Document Number:  
400877120

Date Received:  
07/31/2015

**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: 10383 Contact Name: Tom Metzger

Name of Operator: SOVEREIGN OPERATING COMPANY LLC Phone: (303) 297-0347

Address: 475 17TH STREET #1200 Fax: (303) 586-5074

City: DENVER State: CO Zip: 80202 Email: tmetzger@bsegllc.com

**For "Intent" 24 hour notice required,** Name: Welsh, Brian Tel: (719) 325-6919

**COGCC contact:** Email: brian.welsh@state.co.us

API Number 05-009-06140-00

Well Name: MOORE 'C' Well Number: 1

Location: QtrQtr: SENW Section: 29 Township: 31S Range: 42W Meridian: 6

County: BACA Federal, Indian or State Lease Number: \_\_\_\_\_

Field Name: STONINGTON Field Number: 79650

Notice of Intent to Abandon       Subsequent Report of Abandonment

*Only Complete the Following Background Information for Intent to Abandon*

Latitude: 37.317260 Longitude: -102.181030

GPS Data:  
Date of Measurement: 04/17/2013 PDOP Reading: 2.9 GPS Instrument Operator's Name: Rocky Crane

Reason for Abandonment:  Dry  Production for 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
TOPEKA	3204	3222			

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	17+1/4	12+3/4	40	322	350	322	0	VISU
1ST	7+7/8	4+1/2	10.5	3,292	120	3,292	2,686	CALC
		4+1/2	Stage Tool	1,554	200	1,554	544	CALC

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 3154 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 15 sks cmt from 1554 ft. to 1365 ft. Plug Type: CASING Plug Tagged:   
Set 15 sks cmt from 700 ft. to 600 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:

Perforate and squeeze at 372 ft. with 240 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 \_\_\_\_\_ 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 \_\_\_\_\_ 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: Sarah Newton

Title: Accountant Date: 7/31/2015 Email: sarah@petersonenergyoperating.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: 8/5/2015

**CONDITIONS OF APPROVAL, IF ANY:** \_\_\_\_\_ Expiration Date: 2/4/2016

### **COA Type**

### **Description**

COA Type	Description
	<ol style="list-style-type: none"><li>1) Provide 48 hour notice of MIRU via electronic Form 42.</li><li>2) Run cement bond log to confirm stage cement interval. Submit original 1976 and new cement bond logs.</li><li>3) Added plug at 700'. Set 15 sx in casing if at least 100' below TOC. Otherwise call for modified plugging orders, which may involve setting the plug at a different depth, cement quantity or method, ie. perf&amp;squeeze 40 sx above TOC, but below 550'.</li><li>4) Tag (372') surface casing shoe plug 50' above shoe if not cemented to surface as proposed and cement from 50' to surface in casing and annulus.</li></ol>

## Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400877120	FORM 6 INTENT SUBMITTED
400877165	OPERATIONS SUMMARY
400877581	WELLBORE DIAGRAM

Total Attach: 3 Files

## General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Stage cement job at 1552' indicated on attached operations summary 7/8/76-7/13/76. CBL was ran 7/13/76 before stage cement was pumped, but is not on file. Top of stage cement is estimated by operator at 544'. 1 mile WW's are to 474' and 2 mi WW's to 500'. Blaine salt top at 970', Day Ck at 610'. Added plug at 700' to isolate below WW's.	3/5/2015 1:13:00 PM

Total: 1 comment(s)