

FORM
6Rev
12/05

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:

400887868

Date Received:

11/16/2015

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 05-009-06147-00

Well Name: BURCHFIELD

Well Number: 1-33

Location: QtrQtr: SWNE Section: 33 Township: 31S Range: 43W Meridian: 6

County: BACA

Federal, Indian or State Lease Number:

Field Name: WALSH

Field Number: 90650

☒ Notice of Intent to Abandon☐ Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 37.304800

Longitude: -102.266290

GPS Data:

Date of Measurement: 04/17/2013

PDOP Reading: 2.3

GPS Instrument Operator's Name: Rocky Crane

Reason for Abandonment:

☐ Dry☒ Production for Sub-economic☐ Mechanical Problems☐ OtherCasing 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	3164	3256			

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	20	342	150	342	0	VISU
1ST	7+7/8	4+1/2	9.5	3,320	100	3,320	2,815	CALC
			Stage Tool	1,665	250	1,665	403	CALC

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 3114 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 1665 ft. to 1476 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 392 ft. with 115 sacks. Leave at least 100 ft. in casing _____ CICR Depth

Perforate and squeeze at 750 ft. with 40 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:

The information available to Sovereign shows a cement sleeve @ 1665', however there is no evidence that the sleeve was cemented so a CBL will be run prior to P&A to determine the current status of the cement at 1665'. Plug @ BSC contingent on results of CBL.

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: 11/16/2015 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: 11/23/2015

CONDITIONS OF APPROVAL, IF ANY: _____ Expiration Date: 5/22/2016

COA Type	Description
	1) Provide 48 hour notice of MIRU via electronic Form 42. 2) Contact COGCC Engineering with results of the CBL before proceeding with sleeve, additional plug @ 750', shoe and surface plugs. If no sleeve present no plug required at 1665'. Plug required at 750' due WW depths and base Dkta-Cynn 650'. Cement across the shoe 50' below to 50' above in casing and annulus. Cement from 50' to surface in casing and annulus. 3) Properly abandon flowlines as per Rule 1103. File Form 42 when abandonment complete. 4) Abandoned well marker shall be inscribed with the well's legal location, well name and number, and API Number, as per Rule 319.a.(5).

Attachment Check List

Att Doc Num	Name
400887868	FORM 6 INTENT SUBMITTED
400904367	WELLBORE DIAGRAM

Total Attach: 2 Files

General Comments

User Group	Comment	Comment Date
Engineer	Sleeve indicated at 1665' on this submittal is not indicated in records on file.	11/23/2015 11:47:53 AM
Public Room	Document verification complete 11/17/15	11/17/2015 10:38:55 AM

Total: 2 comment(s)