

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:

400884291

Date Received:

08/18/2015

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 05-009-06158-00

Well Name: HARTMETZ

Well Number: 1-9

Location: QtrQtr: NWSE Section: 9 Township: 31S Range: 44W Meridian: 6

County: BACA

Federal, Indian or State Lease Number:

Field Name: VILAS

Field Number: 87900

☒ Notice of Intent to Abandon☐ Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 37.358610

Longitude: -102.384790

GPS Data:

Date of Measurement: 04/15/2013

PDOP Reading: 5.0

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	3281	3351			

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	15	10+3/4	30	330	300	330	0	VISU
1ST	7+7/8	4+1/2	9.5	3,399	100	3,399	2,895	CALC
			Stage Tool	1,625	250	1,625	363	CALC

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 3231 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 1625 ft. to 1436 ft. Plug Type: CASING Plug Tagged: ☐
Set 15 sks cmt from 800 ft. to 700 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 380 ft. with 175 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:

A CBL will be run to determine the cement top of the cement job done on the Stage Collar at 1625'.

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: 8/18/2015 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: 8/24/2015

CONDITIONS OF APPROVAL, IF ANY: _____ Expiration Date: 2/23/2016

COA Type

Description

- 1) Provide 48 hour notice of MIRU via electronic Form 42.
- 2) Run CBL to determine TOC on 1625' stage collar cement. Plug at 800' is 15 sx inside casing or 40 sx perf&squeeze depending where TOC is.
- 3) Placement of plug from 380'-surface also depends on the TOC. Need cement in casing and annulus 380'-280' and 50' to surface.

Attachment Check List

Att Doc Num**Name**

400884291	FORM 6 INTENT SUBMITTED
400885929	WELLBORE DIAGRAM

Total Attach: 2 Files

General Comments

User Group**Comment****Comment Date**

Engineer	Added plug at 800'. This plug isolates below the base of the Dakota/Cheyenne aquifer at 720'. Day Creek at 850'.	8/24/2015 11:01:34 AM
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Total: 1 comment(s)