

Document Number:
400662332

Date Received:
08/14/2014

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: STEPHANIE CLASEN

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: sclasen@bsegllc.com

For "Intent" 24 hour notice required, Name: Quint, Craig Tel: (719) 767-8939

COGCC contact: Email: craig.quint@state.co.us

API Number 05-009-06585-00

Well Name: MURRAY 'A' Well Number: 2

Location: QtrQtr: NENW Section: 32 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: 37.307770 Longitude: -102.177060

GPS Data:
Date of Measurement: 04/17/2013 PDOP Reading: 2.8 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: 3320

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 C	3106	3215			

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	526	200	526	0	CALC
1ST	7+7/8	4+1/2	9.5	3,309	125	3,309	2,622	CBL
S.C. 1.1				1,500	175	1,660	580	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 3075 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 20 sks cmt from 1400 ft. to 1600 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 550 ft. with 50 sacks. Leave at least 100 ft. in casing 500 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. 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: STEPHANIE CLASEN
 Title: C & R MANAGER Date: 8/14/2014 Email: SCLASEN@BSEGLLC.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: 11/26/2014

CONDITIONS OF APPROVAL, IF ANY: _____ Expiration Date: 5/25/2015

COA Type	Description
	Note changes to submitted form. 1) Provide 48 hour notice of MIRU via electronic Form 42. 2) Shoe plug: Establish circulation up back side before setting retainer. Tag at 480' (~50' above surface casing shoe) if retainer not used. 3) Surface plug: Cement from at least 50' to surface in casing and annulus.

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400662332	FORM 6 INTENT SUBMITTED
400662773	WELLBORE DIAGRAM
400662776	WELLBORE DIAGRAM

Total Attach: 3 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Casing History: Filled in missing stage cement for port collar (1500/175 sx/1660-580). Plugging Procedure: Moved proposed shoe plug perms up to 550' and CICR to 500' to improve chance it will circulate, and increased cement qty from 40 sx to 50 sx. Showed surface plug as one plug (15 sx) even though it is proposed as two operations: 5 sx in casing and 10 sx in annulus (via 1" tbg).	11/26/2014 2:44:45 PM

Total: 1 comment(s)