

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:

400894814

Date Received:

09/17/2015

## 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: 39560

Contact Name: Paul Herring

Name of Operator: TOP OPERATING COMPANY

Phone: (720) 663-1698

Address: 3609 S WADSWORTH BLVD STE 340

Fax:

City: LAKEWOOD State: CO Zip: 80235

Email: paul.herring@topoperating.com

For "Intent" 24 hour notice required,

Name: Peterson, Tom

Tel: (303) 815-9641

COGCC contact:

Email: tom.peterson@state.co.us

API Number 05-123-09228-00

Well Name: EWING

Well Number: 1

Location: QtrQtr: SESW Section: 25 Township: 2N Range: 67W Meridian: 6

County: WELD

Federal, Indian or State Lease Number:

Field Name: SPINDLE

Field Number: 77900

☐ Notice of Intent to Abandon☒ Subsequent Report of Abandonment

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

Latitude: 40.103720

Longitude: -104.842690

GPS Data:

Date of Measurement: 07/05/2010

PDOP Reading: 3.0

GPS Instrument Operator's Name: RK Herring

Reason for Abandonment:

☐ Dry☒ Production 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
SUSSEX	4602	4620	08/25/2015	BRIDGE PLUG	4550

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	162	150	16	0	VISU
1ST LINER	4+7/8	4+1/2	10.5	4,726	200	4,726	3,975	CALC

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 4550 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 100 sks cmt from 790 ft. to 500 ft. Plug Type: ANNULUS Plug Tagged: ☐  
Set 200 sks cmt from 350 ft. to \_\_\_\_\_ ft. Plug Type: ANNULUS 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 790 ft. with 100 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. \_\_\_\_\_ inch casing Plugging Date: 08/28/2015  
of \_\_\_\_\_

\*Wireline Contractor: Pioneer

\*Cementing Contractor: Sanjel

Type of Cement and Additives Used: Return to surface, witnessed by COGCC Engineer

Flowline/Pipeline has been abandoned per Rule 1103 ☒ Yes ☐ No

\*ATTACH JOB SUMMARY

Technical Detail/Comments:

Pioneer Wireline ran CBL-VDL GR from 750 to surface casing. Had good cement bond from 750' to 500'. Perfed two holes at 490', but could not circulate. Ran jet cutter and cut casing at 490'. Worked pipe up to 160,000#, but could not get it to free up. Collar came off landing joint and ruined threaders on the casing. Waited on COGCC to approve shots at 350'. Mark Schlagenhauf approved perfering 2 holes at 350'. Circulated well for 20 minutes and shut down for cement.

RU Sanjel cemented 4 1/2" casing inside nad out. Witnessed cement returns to surface. Pumped a total of 220 sxs of neat cement 15.8 ppg, 1.15 cu/ft/sx yield.

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: \_\_\_\_\_ Print Name: Paul Herring

Title: Landman Date: 9/17/2015 Email: paul.herring@topoperating.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: Jacobson, Eric Date: 2/1/2018

**CONDITIONS OF APPROVAL, IF ANY:**

**COA Type** **Description**

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## Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400894814	FORM 6 SUBSEQUENT SUBMITTED
400901548	WIRELINE JOB SUMMARY
400901549	CEMENT JOB SUMMARY
400901550	WELLBORE DIAGRAM

Total Attach: 4 Files

## General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Agency	<p>Please provide an "As Plugged" wellbore diagram for the above well. After receiving this, the Form 6 Subsequent will be approved.</p> <p>Form 6 Notice of Intent COA -</p> <p>All</p> <p>Please provide the "As Plugged" well bore diagram for the above well. After receiving it, the Form 6 Subsequent can be approved.</p> <p>COA with Form 6 Notice of Intent -</p> <p>COA Type Description            Note change in plugging procedure:            1) Provide 48 hour notice of plugging MIRU via electronic Form 42. 2) Move CIBP from 4500' to 4550'. 3) Change perforation depth from 700' to 790' due to deeper aquifer in vicinity. Adjust cement volumes accordingly. 4) For 740' plug: perforate casing, pump plug and displace, shut-in, if not circulated to surface, WOC 4 hours and tag plug. Must be 112' or shallower. Place 10 sx at surface inside and outside of production casing if not circulated to surface. Leave at least 100' cement in the casing for each plug 5) Properly abandon flowlines as per Rule 1103. File electronic Form 42 once abandonment complete. 6) Provide an "As Plugged" wellbore diagram identifying the specific plugging completed.</p>	01/23/2018
Permit	Form 7 is OK.	09/01/2016

Total: 2 comment(s)