

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



DE ET OE ES

Document Number:

400600271

Date Received:

05/01/2014

## 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: 10112

Contact Name: Austin Anderson

Name of Operator: FOUNDATION ENERGY MANAGEMENT LLC

Phone: (918) 845-4700

Address: 16000 DALLAS PARKWAY #875

Fax: (918) 585-1660

City: DALLAS State: TX Zip: 75248-

Email: regulatory@foundationenergy.com

For "Intent" 24 hour notice required,

Name: MONTOYA, JOHN

Tel: (970) 3974124

COGCC contact:

Email: john.montoya@state.co.us

API Number 05-123-09875-00

Well Name: AMOCO-EWING

Well Number: 1

Location: QtrQtr: SWSW Section: 30 Township: 2N Range: 66W Meridian: 6

County: WELD

Federal, Indian or State Lease Number:

Field Name: SPINDLE

Field Number: 90750

☒ Notice of Intent to Abandon☐ Subsequent Report of Abandonment

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

Latitude: 40.103720

Longitude: -104.827510

GPS Data:

Date of Measurement: 01/28/2010

PDOP Reading: 2.0

GPS Instrument Operator's Name: Joseph Collins

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 belowWellbore has Uncemented Casing leaks: ☐ Yes ☒ No If yes, explain details below

Details: See general comments section for further details

## Current and Previously Abandoned Zones

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
SUSSEX	4590	4648			

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	707	500	707	0	VISU
1ST	7+7/8	4+1/2	10.5	4,774	200	4,774	3,855	CALC

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 4540 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 \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Plug Type: \_\_\_\_\_ Plug Tagged: ☐  
Set 10 sks cmt from 100 ft. to 0 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 760 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

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:

**Pre-Job:**

Notify land owner and COGCC 10 days prior to RU  
Hold Safety Meeting  
Move in rig tank and pump with 130 bbls fresh water  
Move in trailer for laying down 3/4" rods and 2 3/8" tubing.

**Job**

- 1). MIRU WO Rig
- 2). POOH 183 jts. 3/4" rods and 2-6' rod subs and lay down.
- 3). Switch over to 2 3/8" tbg tools.
- 4). POOH 142 jts 2 3/8" tbg w/ SN. Lay down.
- 5). RUWL
- 6). RIH and set CIBP @ +/- 4,540'.
- 7). Dump bail 2 sx cement.
- 8). Fill hole with water.
- 9). RIH and perforate (2 SPF @ 1 ft.) @ +/- 750'.
- 10). Pump 40 sx cement.
- 11). POOH 3 jts. and flush with 5 bbls. water.
- 12). WOC and tag plug.
- 13). Fill hole with water and set surface plug from 100' to surface.
- 14). ND BOP and remaining wellhead
- 15). RDMO WO Rig
- 16). Dig out and cut off wellhead 4' below surface, weld plate onto casing
- 17). Clear equipment
- 18). Reclaim land

**Post-Job**

File P&A reports with COGCC and notify landowner

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

Signed: \_\_\_\_\_ Print Name: Rachel Eisterhold  
Title: Sr HSC Regulatory Tech Date: 5/1/2014 Email: regulatory@foundationenergy.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: SCHLAGENHAUF, MARK Date: 5/7/2014

**CONDITIONS OF APPROVAL, IF ANY:** \_\_\_\_\_ Expiration Date: 11/6/2014

<u>COA Type</u>	<u>Description</u>
	Note change in plugging procedure: 1) Provide 48 hour notice of plugging MIRU via electronic Form 42. 2) Change 750' plug to 760' and adjust cement volumes accordingly. 3) For 760' plug: pump plug and displace. If surface casing plug not circulated to surface then tag plug – must be 657' or shallower and provide 10 sx plug at the surface. Leave at least 100' cement in the casing for each plug. 4) Properly abandon flowlines as per Rule 1103. File electronic Form 42 once abandonment complete. 5) Please submit Dresser Atlas IES and FDC/GR logs which were run but are not in COGCC files.

**Attachment Check List**

<u>Att Doc Num</u>	<u>Name</u>
400600271	FORM 6 INTENT SUBMITTED
400600309	PROPOSED PLUGGING PROCEDURE
400600310	WELLBORE DIAGRAM

Total Attach: 3 Files

## General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	After WBD is on second page of attachment.	5/5/2014 7:53:01 AM

Total: 1 comment(s)