

FORM  
6Rev  
12/05State 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:

400452325

Date Received:

07/22/2013

## 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: Eric Sappington

Name of Operator: FOUNDATION ENERGY MANAGEMENT LLC

Phone: (918) 585-1650

Address: 16000 DALLAS PARKWAY #875

Fax: (918) 585-1660

City: DALLAS State: TX Zip: 75248-

Email: esappington@foundationenergy.com

For "Intent" 24 hour notice required,

Name: JOHNSON, RANDELL

Tel: (303) 655-7472

COGCC contact:

Email: randell.johnson@state.co.us

API Number 05-001-07941-00

Well Name: MITCHEM

Well Number: 34-26

Location: QtrQtr: SWSE Section: 26 Township: 3S Range: 63W Meridian: 6

County: ADAMS

Federal, Indian or State Lease Number:

Field Name: ZENITH

Field Number: 98940

☒ Notice of Intent to Abandon☐ Subsequent Report of Abandonment

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

Latitude: 39.755150

Longitude: -104.402900

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: 6900

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
D SAND	7515	7578		BRIDGE PLUG	7500

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	230	250	230	0	VISU
1ST	7+7/8	4+1/2	11.6	7,640	225	7,640	6,958	CALC

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7500 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 <u>90</u> sks cmt from <u>1390</u> ft. to <u>1120</u> ft.	Plug Type: <u>OPEN HOLE</u>	Plug Tagged: <input checked="" type="checkbox"/>
Set <u>300</u> sks cmt from <u>870</u> ft. to <u>0</u> ft.	Plug Type: <u>OPEN HOLE</u>	Plug Tagged: <input checked="" type="checkbox"/>
Set <u>40</u> sks cmt from <u>6950</u> ft. to <u>6850</u> ft.	Plug Type: <u>STUB PLUG</u>	Plug Tagged: <input type="checkbox"/>
Set _____ sks cmt from _____ ft. to _____ ft.	Plug Type: _____	Plug Tagged: <input type="checkbox"/>
Set _____ sks cmt from _____ ft. to _____ ft.	Plug Type: _____	Plug Tagged: <input type="checkbox"/>

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

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:

Plugging procedure and wellbore diagram as follows:

1. MIRU WO rig
2. POOH w/ 2-3/8" tubing.
3. MIRU WL
4. RIH CIBP to 7,500' (15' above perms)
5. RIH cement bailer. Bail 2 sks above CIBP.
6. RDMO WL
7. Freepoint casing.
8. Back off casing above 6,900'
9. POOH w/ 4-1/2" casing, Pump 40 sx stub plug 50' in/out of stub.
10. RIH w/ 2-3/8" tubing to 1,390'.
11. Set 270' balance plug @ 1,390' (90 sx). Tag plug.
12. POOH w/ 2-3/8" tubing to 870'
13. Set 870' balance plug @ 870' (300 sx). Confirm surface returns
14. ND BOP
15. Cut off WH.
16. Add cement to annulus if necessary.
17. Weld on Information Plate
18. RDMO WO rig

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

Signed: \_\_\_\_\_ Print Name: Eric Sappington

Title: Operations Engineer Date: 7/22/2013 Email: esappington@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: 8/5/2013

**CONDITIONS OF APPROVAL, IF ANY:**

Expiration Date: 2/4/2014

**COA Type**

**Comment**

	Doc 400452325 Note changes to plugging procedure 1) Provide 24 hour notice of MIRU to Randell Johnson at 303-655-7472 or e-mail at Randell.Johnson@state.co.us. 2) If unable to pull casing, contact COGCC for plugging modifications. 3) For 1390' plug: pump plug and displace, shut-in, WOC 4 hours and tag plug. Must be 1120' or shallower. For 870' plug: if not circulated to surface, WOC 4 hours and tag plug. Must be 180' or shallower. Place 10 sx at surface. Leave at least 100' cement in the casing for each plug. 4) Properly abandon flowlines as per Rule 1103.
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**Attachment Check List**

**Att Doc Num**

**Name**

1534701	WELLBORE DIAGRAM
1534702	WELLBORE DIAGRAM
400452325	FROM 6 INTENT SUBMITTED
400452385	WELLBORE DIAGRAM
400452387	WELLBORE DIAGRAM
400452396	PROPOSED PLUGGING PROCEDURE

Total Attach: 6 Files

**General Comments**

**User Group**

**Comment**

**Comment Date**

Permit	Well completion or recompletion report doc.# 00334913 dated 2/19/1982	7/23/2013 5:17:13 AM
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Total: 1 comment(s)