

FORM

6

Rev
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:

400558628

Date Received:

02/21/2014

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: Lance Bentley

Name of Operator: FOUNDATION ENERGY MANAGEMENT LLC

Phone: (918) 526-5563

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: Rains, Bill

Tel: (970) 590-6480

COGCC contact:

Email: bill.rains@state.co.us

API Number 05-123-22677-00

Well Name: BEHRING

Well Number: 23-10

Location: QtrQtr: NWSE Section: 23 Township: 6N Range: 61W Meridian: 6

County: WELD

Federal, Indian or State Lease Number:

Field Name: GREASEWOOD SOUTH

Field Number: 32700

☒ Notice of Intent to Abandon☐ Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.472130

Longitude: -104.173040

GPS Data:

Date of Measurement: 08/10/2007

PDOP Reading: 2.5

GPS Instrument Operator's Name: KATHY MCCORMICK

Reason for Abandonment: ☐ Dry ☐ Production for Sub-economic ☒ Mechanical Problems☐ OtherCasing to be pulled: ☒ Yes☐ No

Estimated Depth: 4000

Fish in Hole: ☒ Yes☐ No

If yes, explain details below

Wellbore has Uncemented Casing leaks: ☐ Yes☐ No

If yes, explain details below

Details: 1,527' - 3,545', Fish in the hole:

The tubing anchor is stuck at 6,540' and end of tubing is at 6,730'. Casing is 5-1/2".

2 3/8" tubing was free pointed and chemical cut at 6,497'

Fish consists of:

- Tubing anchor
- 6 joints of 2-3/8" tubing
- Seat Nipple
- Mud Anchor

Current and Previously Abandoned Zones

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
D SAND	6710	6716			

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	309	220	309	0	VISU
1ST	7+7/8	5+1/2	16	6,878	200	6,878	5,540	CALC

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6460 with 2 sacks cmt on top. CIBP #2: Depth 5800 with 2 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 40 sks cmt from 4050 ft. to 3950 ft. Plug Type: STUB PLUG 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 _____ 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 100 sacks half in. half out surface casing from 359 ft. to 0 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:

In order to abandon the well Foundation Energy proposes to:

- Set a CIBP at 6,370 ft and dump 2 sx over the CIBP to isolate and abandon the perforations in the DSND from 6,710' to 6,716'.
- Cut and pull casing at 4000'
- RIH with 2-3/8" tubing to 4,050' to pump 30 sx to cover 50' inside the csg, 50' of annular space and 50 ft of OH above the CSG cut.
- Abandon the surface CSG by pumping 100 sx from 359' (50 ft below the shoe) until we have visual returns at surface.
- Finish by welding surface CSG.

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: HSE/Regulatory Tech Date: 2/21/2014 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: SUTPHIN, DIRK Date: 3/11/2014

CONDITIONS OF APPROVAL, IF ANY:

Expiration Date: 9/10/2014

COA Type**Description**

	1) Provide 48 hour notice of MIRU via electronic Form 42. 2) Note changes to submitted form. Moved CIBP #1 to 6460' (for better CBL and shale). Added CIBP #2 at 5800' (for Niobrara). Increased stub plug to 40 sx (plug should extend 0-50' below stub to 50-100' above stub). 3) Tag shoe plug 260' or higher (50' above shoe) if cement is not brought to surface as indicated. And cement from 50' to surface.
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Attachment Check List**Att Doc Num****Name**

2157514	WELLBORE DIAGRAM
400558628	FORM 6 INTENT SUBMITTED
400558638	WELLBORE DIAGRAM

Total Attach: 3 Files

General Comments**User Group****Comment****Comment Date**

Permit	Oper. submitted copy of final WBD.	2/24/2014 7:21:12 AM
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Total: 1 comment(s)