

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:

401157738

Date Received:

12/01/2016

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: Caitlin O'Hair

Name of Operator: FOUNDATION ENERGY MANAGEMENT LLC

Phone: (918) 5265591

Address: 16000 DALLAS PARKWAY #875

Fax: (918) 5261660

City: DALLAS State: TX Zip: 75248-

Email: regulatory@foundationenergy.com

For "Intent" 24 hour notice required,

Name: Sherman, Susan

Tel: (719) 775-1111

COGCC contact:

Email: susan.sherman@state.co.us

API Number 05-125-11827-00

Well Name: Witte

Well Number: 22-36

Location: QtrQtr: SENW Section: 36 Township: 1S Range: 45W Meridian: 6

County: YUMA

Federal, Indian or State Lease Number: ST CO 69-7233S

Field Name: VERNON

Field Number: 86500

☒ Notice of Intent to Abandon☐ Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 39.927600

Longitude: -102.367480

GPS Data:

Date of Measurement: 06/30/2010

PDOP Reading: 2.6

GPS Instrument Operator's Name: S. DEMANCHE

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 |
|-----------|-----------|-----------|----------------|---------------------|------------|
| NIOBRARA | 2170 | 2185 | | | |

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 |
|-------------|--------------|----------------|-----------------|---------------|--------------|------------|------------|--------|
| CONDUCTOR | 9+7/8 | 7+0/8 | 20 | 352 | 158 | 352 | 0 | VISU |
| 1ST | 6+1/4 | 4+1/2 | 11.6 | 2,377 | 134 | 2,377 | 0 | VISU |

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 2080 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 _____ 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 50 sacks half in. half out surface casing from 402 ft. to 302 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: Caitlin O'Hair

Title: HSE/Regulatory Tech Date: 12/1/2016 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: 12/13/2016

CONDITIONS OF APPROVAL, IF ANY: _____

Expiration Date: 6/12/2017

| COA Type | Description |
|-----------------|--|
| | <p>Prior to starting plugging operations, perform a Bradenhead Test. Submit Form 17 within 10 days.</p> <p>If well has a beginning Bradenhead pressure greater than 25 PSI, if any pressure remains at the conclusion of the test, or flowed any liquids from the Bradenhead see Sampling Requirements below.</p> <p>Submit analytical results to the COGCC environmental database in an accepted Electronic Data Deliverable (EDD) format.</p> <p>Sampling requirements:</p> <p>Gas: Collect a sample of both the production and bradenhead gas and submit for laboratory analysis of the gas composition and stable isotope analysis including the d13C1, d13C2, d13C3, d13C4, d13C5, d13C6+ (if possible), and dDC1.</p> <p>Water: Collect samples from bradenhead and submit for the laboratory analysis of major anions (chloride, carbonate, bicarbonate, and sulfate), cations (sodium, potassium, calcium, and magnesium) total dissolved solids (TDS), BTEX, DRO, GRO and dissolved gases (RSK 175). If there is a limited amount of water available then anions, cations and BTEX should be given first priority.</p> <p>Liquid hydrocarbons: Collect samples from bradenhead and submit for the laboratory analysis: Whole-Oil GC (C4 - C45).</p> |
| | <p>Note changes to submitted form.</p> <ol style="list-style-type: none"> 1) Provide 48 hour notice of MIRU via electronic Form 42. 2) Shoe plug: Tag plug 50' above surface casing shoe. 3) Surface plug: Cement from 50' to surface in casing and annulus. 4) Properly abandon flowlines per Rule 1103. File Form 42 when done. 5) Abandoned well marker shall be inscribed with the well's legal location, well name and number, and API Number (Rule 319.a.(5)). |

Attachment Check List

| Att Doc Num | Name |
|--------------------|-------------------------|
| 401157738 | FORM 6 INTENT SUBMITTED |
| 401158218 | WELLBORE DIAGRAM |
| 401158221 | WELLBORE DIAGRAM |

Total Attach: 3 Files

General Comments

| User Group | Comment | Comment Date |
|-------------------|--|---------------------|
| Engineer | Plugs: Moved CIBP to 2080' (50-100' above perfs, above the bentonite). | 12/13/2016 |
| Public Room | Document verification complete 12/01/16 | 12/01/2016 |

Total: 2 comment(s)