

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
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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) 526-5591
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: Sherman, Susan Tel: (719) 775-1111	
COGCC contact: Email: susan.sherman@state.co.us	

API Number 05-125-06231-00	Well Number: 1-4
Well Name: MILL IRON	
Location: QtrQtr: NWNW Section: 4 Township: 1N Range: 46W Meridian: 6	
County: YUMA	Federal, Indian or State Lease Number: 69205
Field Name: SCHRAMM	Field Number: 76825

☒ Notice of Intent to Abandon ☐ Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.086360	Longitude: -102.525540
GPS Data:	
Date of Measurement: 05/28/2008	PDOP Reading: 2.1
GPS Instrument Operator's Name: MICHAEL ROBERT	
Reason for Abandonment: <input type="checkbox"/> Dry <input checked="" type="checkbox"/> Production Sub-economic <input type="checkbox"/> Mechanical Problems	
<input type="checkbox"/> Other	
Casing to be pulled: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Estimated Depth:
Fish in Hole: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, explain details below
Wellbore has Uncemented Casing leaks: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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	2556	2566			

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	24.0	352	340	370		VISU
1ST	7+7/8	4+1/2	9.5	2,645	125	2,645	2,000	CALC

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 2506 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 402 ft. with 50 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 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

Title: O'Hair Date: 10/6/2016 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: 11/9/2016

CONDITIONS OF APPROVAL, IF ANY: _____

Expiration Date: 5/8/2017

COA Type	Description
	<p>Prior to starting plugging operations, perform a Bradenhead Test. If pressure remains at the conclusion of the test or any liquids were present see Sampling Requirements below. Submit Form 17 within 10 days.</p> <p>Sampling requirements: If a well has a bradenhead pressure greater than 25 PSI and/or flowed liquids from the Bradenhead then sampling is required as follows: 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, d13IC4, d13NC4 d13IC5 , d13NC5, d13C6+ (if possible), and dDC1. Submit analytical results to the COGCC environmental database in an accepted Electronic Data Deliverable (EDD) format.</p> <p>If water is encountered in the bradenhead during testing then collect samples 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. Data from bradenhead water samples shall be submitted to the COGCC environmental database in an accepted Electronic Data Deliverable (EDD) format.</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 (Perf & squeeze 50 sx at 402'): 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)). 6) Provide CBL if available

Attachment Check List

Att Doc Num	Name
401124299	FORM 6 INTENT SUBMITTED
401124314	WELLBORE DIAGRAM

Total Attach: 2 Files

General Comments

User Group	Comment	Comment Date
Engineer	Current and Previously Abandoned Zones: Current method of isolation is "none" until plug is set. TOC production casing calc 2000'. No CBL on file. Form 5 indicates one was run. Moved CIBP to 2506' (50' above perfs). Made shoe plug perf & squeeze.	11/09/2016
Public Room	Document verification complete 10/11/16	10/11/2016

Total: 2 comment(s)