

Document Number:
 400745519

Date Received:
 01/13/2015

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) 84504700
 Address: 16000 DALLAS PARKWAY #875 Fax: _____
 City: DALLAS State: TX Zip: 75248- Email: regulatory@foundationenergy.com

For "Intent" 24 hour notice required, Name: Granahan, Kyle Tel: (970) 989-4388
COGCC contact: Email: kyle.granahan@state.co.us

API Number 05-103-08086-00 Well Number: 7F-21-4-102
 Well Name: TAIGA FED
 Location: QtrQtr: SENW Section: 21 Township: 4S Range: 102W Meridian: 6
 County: RIO BLANCO Federal, Indian or State Lease Number: 47980
 Field Name: THUNDER Field Number: 81925

Notice of Intent to Abandon Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 39.689250 Longitude: -108.853850
 GPS Data:
 Date of Measurement: 05/12/2009 PDOP Reading: 2.8 GPS Instrument Operator's Name: Chris Sanchez
 Reason for Abandonment: Dry Production for Sub-economic Mechanical Problems
 Other _____
 Casing 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
MANCOS B	3223	3584			

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	11	8+5/8	24	283	200	283	0	VISU
1ST	7+7/8	4+1/2	10.5	3,821	330	3,821	3,000	CALC

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 3170 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 333 ft. with 34 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 36 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:

FEM intends to plug and abandon the Taiga Fed 7F-21-4-102 per the procedure below and attached WBD's:

- 1). MIRU
- 2). NDWH/NU BOP
- 3). Unseat packer @ 3,144'
- 4). Tally out of hole and stand back 2-3/8" tubing
- 5). RUWL
- 6). RIH and set CIBP @ 3,170' and dump bail 2 sx cement
- 7). RIH and perforate 2 squeeze holes @ 333'
- 8). RIH 2-3/8" tubing to 333' and pump 34 sx shoe plug
- 9). POOH 3 stands and reverse circulate tubing clean
- 10). WOC and tag shoe plug
- 11). Pump 36 sx from 100' to surface for surface plug
- 12). ND BOP
- 13). Cut off WH 4' below surface and weld on surface plate with well info
- 14). RDMO

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. HSE/Regulatory Tech. Date: 1/13/2015 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: BURGER, CRAIG Date: 1/15/2015

COA Type

Description

	1) Provide 48 hour notice of plugging MIRU via electronic Form 42. 2) Properly abandon flowlines per Rule 1103. File electronic Form 42 when flowline abandonment is complete. 3) Step 11: place cement in casing and annulus from 100' to surface.
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Attachment Check List

Att Doc Num

Name

400745519	FORM 6 INTENT SUBMITTED
400745525	WELLBORE DIAGRAM

Total Attach: 2 Files

General Comments

User Group

Comment

Comment Date

#Error	Changed production casing TOC method to CALC, no CBL available.	1/15/2015 1:58:30 PM
#Error	Passes Permitting: Form 5 and 5A is 392422. No CBL has been run.	1/14/2015 7:45:36 AM

Total: 2 comment(s)