

Document Number:
401631409

Date Received:

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: Alyssa Beard
 Name of Operator: FOUNDATION ENERGY MANAGEMENT LLC Phone: (303) 2448114
 Address: 5057 KELLER SPRINGS RD STE 650 Fax: _____
 City: ADDISON State: TX Zip: 75001 Email: abeard@foundationenergy.com

For "Intent" 24 hour notice required, Name: Pesicka, Conor Tel: (970) 415-0789
 COGCC contact: Email: conor.pesicka@state.co.us

API Number 05-123-19441-00 Well Number: 32-5-7
 Well Name: SHOWERS
 Location: QtrQtr: SWNW Section: 32 Township: 8N Range: 60W Meridian: 6
 County: WELD Federal, Indian or State Lease Number: _____
 Field Name: BIRD HAVEN Field Number: 6765

Notice of Intent to Abandon Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.620610 Longitude: -104.123233
 GPS Data:
 Date of Measurement: 05/09/2007 PDOP Reading: 5.5 GPS Instrument Operator's Name: KATHY MCCORMICK
 Reason for Abandonment: Dry Production 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
J SAND	7017	7021			
D & J SAND	6926	6948	04/24/2018	SQUEEZED	69266948

Total: 2 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	511	365	511	0	
1ST	7+7/8	5+1/2	15.5	7,090	200	7,090	5,566	

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6917 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 20 sks cmt from 6200 ft. to 6000 ft. Plug Type: CASING 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 5400 ft. with 20 sacks. Leave at least 100 ft. in casing _____ CICR Depth
 Perforate and squeeze at 1500 ft. with 20 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 170 sacks half in. half out surface casing from 561 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. _____ inch casing Plugging Date: _____
 of _____
 *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:

1. POOH with tubing
2. MIRU Wireline, RIH set CIBP @ 6917, then dump bail 2 sx cement on plug
3. RIH with tbg to 6905', Load hole with 9 ppg mud
4. Pressure test csg to 500 PSI and hold
5. POOH with TBG to 6200'. Mix and pump 20 sx (CLASS H) 6200-6000 cover Niobrara
6. POOH with TBG
7. Rig up wireline, and perf sqz holes at 5400'
8. RIH with TBG to 5375', mix and pump 20 sx Class H cement plug leaving cement inside casing from 5400-5299
9. WOC and tag
10. POOH with TBG, rig up wireline
11. RIH and perf at 1500'
12. RIH with TBG, mix and pump 20 sx plug leaving cement inside csg 1500-1399'
13. WOC and tag
14. POOH with TBG, rig up wireline and perf at 561'
15. Mix and pump 170 sx cmt, pump down csg, taking returns up surf/prod csg annulus until cement seen at surface. This leaves cement from surface to 561' in/out of production csg.
16. Cut off wellhead and csg per COGCC rules. Plate and ID CSG.

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

Signed: _____ Print Name: Alyssa Beard
 Title: EHS Manager Date: _____ Email: abeard@foundationenergy.com

