

Document Number:
401254156

Date Received:
04/10/2017

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: 10439 Contact Name: CAROL PRUITT

Name of Operator: CARRIZO NIOBRARA LLC Phone: (713) 328-1000

Address: 500 DALLAS STREET #2300 Fax: (713) 328-1060

City: HOUSTON State: TX Zip: 77002 Email: CAROL.PRUITT@CRZO.NET

For "Intent" 24 hour notice required, Name: Helgeland, Gary Tel: (970) 216-5749

COGCC contact: Email: gary.helgeland@state.co.us

API Number 05-001-08293-00

Well Name: CUSTY Well Number: 1

Location: QtrQtr: SWSW Section: 15 Township: 2S Range: 66W Meridian: 6

County: ADAMS Federal, Indian or State Lease Number: _____

Field Name: HOLSTER Field Number: 36600

Notice of Intent to Abandon Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 39.872670 Longitude: -104.769560

GPS Data:
Date of Measurement: 08/17/2006 PDOP Reading: 2.0 GPS Instrument Operator's Name: L. ROBBINS

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	8393	8402			

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	292	275	292	0	CALC
1ST	7+7/8	4+1/2	11.6	8,505	250	8,505	7,505	CALC

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 8350 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 40 sks cmt from 7400 ft. to 7300 ft. Plug Type: ANNULUS 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 1650 ft. with 40 sacks. Leave at least 100 ft. in casing 1600 CICR Depth
Perforate and squeeze at 940 ft. with 40 sacks. Leave at least 100 ft. in casing 890 CICR Depth
Perforate and squeeze at 660 ft. with 40 sacks. Leave at least 100 ft. in casing 600 CICR Depth
(Cast Iron Cement Retainer Depth)

Set 40 sacks half in. half out surface casing from 355 ft. to 255 ft. Plug Tagged:

Set 10 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: CAROL PRUITT

Title: REGULATORY COMPLIANCE Date: 4/10/2017 Email: CAROL.PRUITT@CRZO.NET

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: BURN, DIANA Date: 4/11/2017

CONDITIONS OF APPROVAL, IF ANY: _____

Expiration Date: 10/10/2017

COA Type	Description
	Prior to initiation of plugging operations, a Bradenhead test shall be performed. If there is 25# or greater present at the beginning of the test call COGCC Engineer for possible sampling requirements. Form 17 shall be submitted within 10 days.
	NOTE: Changes in plugging procedure. CBL to be run prior to plugging to verify if any existing aquifer coverage(1700') - submit to COGCC for verification of plugging orders. Additional plugs required. Surface casing shoe plug indicated at 355' is perforated with CICR; plug at 7400' is perforated and pumped. 1) Provide 48 hour notice of plugging MIRU via electronic Form 42. 2) Properly abandon flowlines as per Rule 1103. File electronic Form 42 once abandonment complete.

Attachment Check List

Att Doc Num	Name
401254156	FORM 6 INTENT SUBMITTED
401254887	WELLBORE DIAGRAM

Total Attach: 2 Files

General Comments

User Group	Comment	Comment Date
Engineer	Denver 4881 5025 129.9 371 227 35.34 NNT Upper Arapahoe 4643 4851 105.4 609 401 28.67 NNT Lower Arapahoe 4350 4568 89.8 902 684 24.44 NT Laramie-Fox Hills 3695 3922 171.3 1557 1330 41.12 NT Deepest WW 302'	04/11/2017
Public Room	Document verification complete 04/11/17	04/11/2017

Total: 2 comment(s)