

Document Number:
 400657574
 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: 10439 Contact Name: Cynthia Pinel
 Name of Operator: CARRIZO NIOBRARA LLC Phone: (713) 358-6210
 Address: 500 DALLAS STREET #2300 Fax: _____
 City: HOUSTON State: TX Zip: 77002 Email: cynthia.pinel@crzo.net

For "Intent" 24 hour notice required, Name: _____ Tel: _____
 Email: _____
COGCC contact:

API Number 05-123-05504-00
 Well Name: H H DUELL B Well Number: 1
 Location: QtrQtr: NWSE Section: 25 Township: 8N Range: 60W Meridian: 6
 County: WELD Federal, Indian or State Lease Number: _____
 Field Name: BUCKINGHAM WEST Field Number: 7572

Notice of Intent to Abandon Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.631670 Longitude: -104.037440
 GPS Data:
 Date of Measurement: 03/11/2014 PDOP Reading: 2.7 GPS Instrument Operator's Name: Marc Woodard
 Reason for Abandonment: Dry Production for Sub-economic Mechanical Problems
 Other Re-enter & Plug
 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
CARLILE	6391		04/23/2014		
D SAND	6814		04/23/2014		
J SAND	6901		04/23/2014		
NIOBRARA	6078		04/23/2014	CEMENT	

Total: 4 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	10+5/8	8+5/8	24	133	125	133	0	CALC
1ST	7+3/8	5+1/2	15.5	6,881	200	6,881	95	CALC

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth _____ with _____ 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 _____ 100 _____ sks cmt from _____ 3200 _____ ft. to _____ 2900 _____ ft.

Plug Type: OPEN HOLE

Plug Tagged:

Set _____ 300 _____ sks cmt from _____ 615 _____ ft. to _____ 0 _____ 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:

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 _____ sacks half in. half out surface casing from _____ ft. to _____ 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. of _____ inch casing

Plugging Date: 04/23/2014

*Wireline Contractor: Schneider Energy

*Cementing Contractor: Cementer's Well Service

Type of Cement and Additives Used: _____

Flowline/Pipeline has been abandoned per Rule 1103 Yes No

*ATTACH JOB SUMMARY

Technical Detail/Comments:

Carrizo re-entered and plugged the Duell 1 due to an oofset well evaluation of our Hemberger 2-25-34-8-60 well. This well is within 1500' and required adequate plugging. An as-plugged WBD is attached.

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

Signed: _____

Print Name: Cynthia Pinel

Title: Regulatory Comp. Analyst

Date: _____

Email: cynthia.pinel@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: _____

Date: _____

CONDITIONS OF APPROVAL, IF ANY: _____

Attachment Check List

Att Doc Num

Name

400657583	WELL ABANDONMENT REPORT (SUBSEQUENT)
400657584	CEMENT JOB SUMMARY

Total Attach: 2 Files

General Comments

User Group

Comment

Comment Date

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)