

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

Replug By Other Operator

Document Number:

400656752

Date Received:

08/05/2014

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:

COGCC contact:

Email:

API Number 05-123-09031-00

Well Name: DUELL

Well Number: 1-26

Location: QtrQtr: SESE Section: 26 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: 40.628850

Longitude: -104.050880

GPS Data:

Date of Measurement: 03/09/2014

PDOP Reading: 1.8

GPS Instrument Operator's Name: Eric Purcell

Reason for Abandonment: ☐ Dry ☐ Production for Sub-economic ☐ Mechanical Problems☒ Other Re-enter & PlugCasing 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
D SAND	6791	6797	04/02/2014		
J SAND	6870		04/02/2014		
NIOBRARA	6060		04/02/2014	CEMENT	

Total: 3 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	133	80	133	0	CALC
1ST	7+1/8	5+1/2	15.5	6,936	150	6,936	5,757	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 3095 ft. to 2795 ft. Plug Type: OPEN HOLE Plug Tagged: ☐
Set 320 sks cmt from 600 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: 04/02/2014

*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 1-26 due to an offset well evaluation of our Hemberger wells in sections 26 (1, 2 & 3) and 25 (1, 3 & 4). This well was withing 1500' and required adequate plugging prior to frac operations. 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: 8/5/2014

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: SUTPHIN, DIRK

Date: 9/11/2014

CONDITIONS OF APPROVAL, IF ANY:

COA Type

Description

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Attachment Check List

Att Doc Num

Name

400656752	FORM 6 SUBSEQUENT SUBMITTED
400656792	WELLBORE DIAGRAM
400656793	CEMENT JOB SUMMARY

Total Attach: 3 Files

General Comments

User Group

Comment

Comment Date

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Total: 0 comment(s)