

FORM
6Rev
12/05

State 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:

400566467

Date Received:

03/05/2014

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: Rains, Bill

Tel: (970) 590-6480

COGCC contact:

Email: bill.rains@state.co.us

API Number 05-123-08462-00

Well Name: STATE-HUSKY

Well Number: 1

Location: QtrQtr: NWNE Section: 36 Township: 9N Range: 60W Meridian: 6

County: WELD

Federal, Indian or State Lease Number: 72/3189

Field Name: WILDCAT

Field Number: 99999

☒ Notice of Intent to Abandon☐ Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.712344

Longitude: -104.037751

GPS Data:

Date of Measurement:

PDOP Reading:

GPS Instrument Operator's Name:

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: The scope of this work is to re-enter the old wellbore that had previously been plugged and abandoned. The well will be properly plugged and abandoned by setting cement plugs to isolate the Niobrara formation, freshwater zones, and setting a cement cap near the surface. Then the surface casing will have a plate welded as final seal 5' below the surface. The old wellbore will then be buried and the surface location will be remediated. Plugging procedure attached along with proposed and current WBD.

Current and Previously Abandoned Zones

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
D SAND	6780				
J SAND	6865				
NIOBRARA	6030			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	10+5/8	8+5/8	24	218	200	218	0	CALC

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth _____ with _____ sacks cmt on top. CIPB #2: Depth _____ with _____ sacks cmt on top.
 CIBP #3: Depth _____ with _____ sacks cmt on top. CIPB #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 86 sks cmt from 6030 ft. to 5730 ft. Plug Type: OPEN HOLE Plug Tagged: ☐
 Set 174 sks cmt from 600 ft. to 0 ft. Plug Type: OPEN HOLE 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: _____

*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:

Closed loop will be utilized and no pit will be constructed. An initial reclamation inspection was never done on this well. P&A Engineer is scheduling an onsite inspection 3/5/2014. GPS coordinates will be field verified and updated on the Form 6 Subsequent Report.

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: 3/5/2014 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: 3/10/2014

CONDITIONS OF APPROVAL, IF ANY:

Expiration Date: 9/9/2014

COA Type	Description
	1) As built GPS coordinates will be provided on the form 6, SRA. 2) Operator will submit a Form 42 - Offset Mitigation Completed for the re-plugged well, referencing the API Number of the proposed horizontal well. 3) Operator will submit a Form 4 to report date Final Reclamation will commence. Final reclamation should begin as soon as practicable. 4) Operator will schedule a joint onsite inspection with a COGCC Field Inspector prior to any new disturbance. (This applies is there is no final rec inspection in the well file.)
	1) Provide 48 hour notice of MIRU via electronic Form 42. 2) Submit Form 6 – Subsequent Report of Abandonment within 30 days of plugging in accordance with Rule 311.

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
2157551	SITE PHOTOS
400566467	FORM 6 INTENT SUBMITTED
400566500	WELLBORE DIAGRAM
400566501	WELLBORE DIAGRAM
400566502	PROPOSED PLUGGING PROCEDURE
400566506	OTHER
400566507	OTHER

Total Attach: 7 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Site photos submitted.	3/6/2014 1:26:49 PM
Permit	Attachment (photos?) does not open.	3/6/2014 7:54:35 AM

Total: 2 comment(s)