FORM 6 Rev 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

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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, COGCC contact: Name: Peterson, Tom Tel: (303) 815-9641 Email: tom.peterson@state.co.us

API Number 05-001-06541-00

Well Name: STATE OF COLORADO AB Well Number: 4

Location: QtrQtr: SWSE Section: 16 Township: 2S Range: 66W Meridian: 6

County: ADAMS Federal, Indian or State Lease Number: 1501

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: 39.872780 Longitude: -104.778970

GPS Data:

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

Reason for Abandonment: ☐ Dry ☐ Production for Sub-economic ☐ Mechanical Problems

☒ Other CRACK IN THE CASING

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: The scope of this work is to plug and abandon this well. The well will be properly plugged and abandoned by setting cement plugs to isolate the formations, freshwater zone, 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.

Current and Previously Abandoned Zones

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
D SAND	8312	8328		CEMENT	
J SAND	8385	8408		CEMENT	

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	23	344	350	344	0	VISU
1ST	8+3/4	5+1/2	14	8,509	500	8,509	1,830	CALC

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 8270 with 2 sacks cmt on top. CIPB #2: Depth 7600 with 40 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 _____ 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: ☐

Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged: ☐

Perforate and squeeze at 1800 ft. with 80 sacks. Leave at least 100 ft. in casing 1750 CICR Depth

Perforate and squeeze at 950 ft. with 40 sacks. Leave at least 100 ft. in casing 890 CICR Depth

Perforate and squeeze at 650 ft. with 40 sacks. Leave at least 100 ft. in casing 600 CICR Depth

(Cast Iron Cement Retainer Depth)

Set _____ sacks half in. half out surface casing from _____ ft. to _____ 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:

4TH CICR TO BE SET. SQUEEZE HOLES @ 405'. CICR SET AT 355. THERE WAS NOT ROOM FOR ME TO ENTER THIS FOURTH CICR IN THE PLUGGING PROCEDURE PART.

1. MIRU work over rig and equipment
2. Blow well down and control with water as needed.
3. ND Wellhead and NU BOP's.
4. Unland tubing, TOOH and tally tubing, lay down 1000' and stand the rest in the derrick
5. MIRU Wire Line Company. TIH hole with 5-1/5" guage ring down to 8300'.
6. Run CBL From 2,000' to Surface. Ensure cement from 1820' to cement top which shoud be around 680'.
7. PU 5-1/2" CIBP and TIH to 8270'. Set CIBP, TOOH and LD Setting Tool.
8. PU Dump Bailer and dump bail 2 sacks of cement on top of CIBP, RDMO with Line Company.
9. TIH with tubing to 7600', establish circulation and pump 40 sack balanced cement plug. TOOH to 7,000', establish circulation and circulate the hole clean. Wait a minium of 4 hours and tag plug (should be 7350').
10. Depending on top cement on CBL, perf, set CICR's and pump cement plugs as required to insure cement coverage as listed below.
Perfs @ 1800, Set CICR @ 1750' - mix and pump 80 sacks of cement, sting out of CICR & pump 5 sacks on top of CICR.
Perfs @ 940', Set CICR @ 890' - mix and pump 40 sacks of cement, sting out of CICR & pump 5 sacks on top of CICR.
Perfs @ 650', Set CICR @ 600' - mix and pump 40 sacks of cement, sting out of CICR & pump 5 sacks on top of CICR.
Perfs @ 405', Set CICR @ 355' - mix and pump 40 sacks of cement, sting out of CICR & pump 5 sacks on top of CICR.
11. LD tubing and pump 10 sacks of cement in the top of the surface casing.
12. Once the top plug has been set cut casing to 5' below surface and weld on a plate to seal the well. Cover up the well and remediate the disturbed area with the appropriate seed mix.

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: Expiration Date: _____

Attachment Check List

Att Doc Num	Name
400788321	WELLBORE DIAGRAM
400788322	PROPOSED PLUGGING PROCEDURE
400788323	LOCATION PHOTO
400788324	SURFACE AGRMT/SURETY
400788327	WELLBORE DIAGRAM

Total Attach: 5 Files

General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)