

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

Document Number:

400640396

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: 69175

Contact Name: Christine Brookshire

Name of Operator: PDC ENERGY INC

Phone: (303) 860-5800

Address: 1775 SHERMAN STREET - STE 3000

Fax: (303) 860-5838

City: DENVER State: CO Zip: 80203

Email: christine.brookshire@pdce.com

For "Intent" 24 hour notice required,

Name: _____

Tel: _____

COGCC contact:

Email: _____

API Number 05-123-13683-00

Well Name: ANKENNEY

Well Number: 28-1

Location: QtrQtr: SENE Section: 28 Township: 6N Range: 64W Meridian: 6

County: WELD

Federal, Indian or State Lease Number: 69018

Field Name: WATTENBERG

Field Number: 90750

☐ Notice of Intent to Abandon☒ Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.458611

Longitude: -104.548056

GPS Data:

Date of Measurement: 02/05/2010

PDOP Reading: 2.6

GPS Instrument Operator's Name: Robert Girillego

Reason for Abandonment:

☐ Dry☐ Production for 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
CODELL	6894	6910	04/17/2014		
NIOBRARA	6600	6818	04/17/2014		

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	24	308	220	308	0	
1ST	7+7/8	3+1/2	10.3	7,085	250	7,085	0	

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6508 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 400 sks cmt from 3893 ft. to 4813 ft. Plug Type: STUB PLUG 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 _____ 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 298 sacks half in. half out surface casing from 85 ft. to 503 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: 4711 ft. of 3+1/2 inch casing

Plugging Date: 04/17/2014

*Wireline Contractor: Magna Wireline, VES Wireline

*Cementing Contractor: Magna Energy Services

Type of Cement and Additives Used: _____

Flowline/Pipeline has been abandoned per Rule 1103 ☐ Yes ☐ No

*ATTACH JOB SUMMARY

Technical Detail/Comments:

Plugging Procedure

Niobrara

Codell

Existing Perforations:

Niobrara "A": 6600'-6818'

Codell: 6894'-6910'

PBTD: 6987"

8 5/8" 24# @ 308' w/ 220 sks cmt.

3.5" 10.3# @ 7085' w/ 250 sks cmt

Procedure:

1. MIRU P&A rig

2. Tag existing CIBP and cement at 6515', POOH

3. MIRU Wireline

4. TIH, set CIBP at 6508'

5. RIH w/dump bailer and dump 2 sx cement on top of CIBP @ 6508', POOH

6. Unland casing, casing free to 4919'.

7. RIH w/casing cutter, cut & pull casing @ 4711' (as per Mike Hickey, COGCC)

8. TIH, set 400 sack 15.8ppg plug from 3893' to 4813'

9. TIH to tag stub plug at 3893'

10. PU and set 298 sack 15.8ppg plug from 85' to 503'

11. TIH to tag plug at 85'

12. Set 10 sx from 85' to top of surface

13. Cut casing and weld on cap

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

Signed: _____

Print Name: Christine Brookshire

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
400640425	WELLBORE DIAGRAM
400640439	CEMENT JOB SUMMARY
400640440	WIRELINe JOB SUMMARY
400640442	GYRO SURVEY

Total Attach: 4 Files

General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)