

FORM 6 Rev 11/20	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
	Document Number: 403053708 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: Valerie Danson
Name of Operator: PDC ENERGY INC	Phone: (970) 506-9272
Address: 1775 SHERMAN STREET - STE 3000	Fax:
City: DENVER State: CO Zip: 80203	Email: valerie.danson@pdce.com
For "Intent" 24 hour notice required, Name: Burns, Adam Tel: (970) 218-4885 Email: adam.m.burns@state.co.us	
COGCC contact:	

Type of Well Abandonment Report:
 ☒ Notice of Intent to Abandon
 ☐ Subsequent Report of Abandonment

API Number 05-123-26164-00	Well Number: 43-6
Well Name: GUTTERSEN	
Location: QtrQtr: NESE Section: 6 Township: 3N Range: 63W Meridian: 6	
County: WELD	Federal, Indian or State Lease Number:
Field Name: WATTENBERG	Field Number: 90750

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.252750 Longitude: -104.473420

GPS Data: GPS Quality Value: 2.3 Type of GPS Quality Value: Date of Measurement: 09/13/2007

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

Casing to be pulled: ☒ Yes ☐ No Estimated Depth: 840

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
NIOBRARA-CODELL	6597	6864			

Total: 1 zone(s)

Casing History

Casing Type	Size of Hole	Size of Casing	Grade	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top	Status
SURF	12+1/4	8+5/8	J55	24	0	710	400	710	0	VISU
1ST	7+7/8	4+1/2	J55	11.6	0	7064	490	7064	6290	CBL
S.C. 1.1						6290	160	6290	845	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6547 with 2 sacks cmt on top. CIBP #2: Depth 2500 with 2 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 16 sks cmt from 1780 ft. to 1580 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: ☐
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 345 sacks half in. half out surface casing from 910 ft. to 0 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

Surface Plug Setting Date: _____ Cut and Cap Date: _____ Number of Days from Setting Surface Plug to Capping or Sealing the Well: _____

*Wireline Contractor: _____

*Cementing Contractor: _____

Type of Cement and Additives Used: _____

Flowline/Pipeline has been abandoned per Rule 1105 ☐ Yes ☐ No

Technical Detail/Comments:

Guttersen 43-6 (05-123-26164)/Plugging Procedure (Intent)
Producing Formations: Niobrara/Codell: 6597' – 6864'

Upper Pierre Aquifer: 800'- 1680'

TD: 7129' PBTD: 7015' (7/10/2012)

Surface Casing: 8 5/8" 24# @ 710' w/ 400 sxs cmt

Production Casing: 4 1/2" 11.6# @ 7064' w/ 490 sxs (TOC @ 6290' – CBL)

S.C.1.1. @ 6290' w/ 160 sxs (TOC @ 845' – CBL)

Tubing: 2 3/8" tubing @ 6839' (7/10/2012)

Proposed Procedure:

1. MIRU pulling unit. Pull 2 3/8" tubing.
2. RU wireline company.
3. TIH with CIBP. Set BP at 6547'. Top with 2 sxs 15.8#/gal CI G cement. (Top of Nio perms @ 6597')
4. TIH with CIBP. Set BP at 2500'. Top with 2 sxs 15.8#/gal CI G cement.
5. TIH with tubing to 1780'. RU cementing company. Mix and pump 16 sxs 15.8#/gal CI G cement down tubing. (Pierre Coverage from 1780'-1580')
6. Wait a sufficient time to confirm static conditions. If at any time after placing this plug there is evidence of pressure or fluid migration, contact engineering before continuing operations.
7. TIH with casing cutter. Cut 4 1/2" casing @ 840'. Pull cut casing.
8. TIH with tubing to 910'. Mix and pump 345 sxs 15.8#/gal CI G cement down tubing. Cement should circulate to surface.
9. Well casing cut and capped per COGCC guidelines at a depth as not to interfere with soil cultivation.

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

Signed: _____ Print Name: Valerie Danson
Title: Reg Analyst Date: _____ Email: valerie.danson@pdce.com

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: _____

COA Type **Description**

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Attachment List

Att Doc Num **Name**

403068608	WELLBORE DIAGRAM
403068609	WELLBORE DIAGRAM

Total Attach: 2 Files

General Comments

User Group **Comment** **Comment Date**

		Stamp Upon Approval
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Total: 0 comment(s)