

FORM
6Rev
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



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Document Number:

402579235

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: Jenifer Hakkarinen

Name of Operator: PDC ENERGY INC

Phone: (303) 8605800

Address: 1775 SHERMAN STREET - STE 3000

Fax:

City: DENVER State: CO Zip: 80203

Email: Jenifer.Hakkarinen@pdce.com

For "Intent" 24 hour notice required,

Name: Santistevan, Brittani

Tel: (720) 471-1110

COGCC contact:

Email: brittani.santistevan@state.co.us

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

API Number 05-123-21940-00

Well Name: BOOTH

Well Number: 14-35

Location: QtrQtr: SWSW Section: 35 Township: 7N Range: 65W 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: 40.524810

Longitude: -104.638060

GPS Data: GPS Quality Value: 2.3 Type of GPS Quality Value: Date of Measurement: 08/11/2006

Reason for Abandonment: ☐ Dry ☒ Production Sub-economic ☐ Mechanical Problems☐ OtherCasing to be pulled: ☒ Yes ☐ No Estimated Depth: 2500Fish in Hole: ☐ Yes ☒ No If yes, explain details belowWellbore 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	7142	7152			

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	J-55	24	0	406	300	406	0	VISU
1ST	7+7/8	4+1/2	J-55	10.5	0	7349	560	7349	3211	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7092 with 2 sacks cmt on top. CIBP #2: Depth 6814 with 2 sacks cmt on top.
 CIBP #3: Depth 3735 with 2 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 2550 ft. to 2300 ft. Plug Type: STUB PLUG Plug Tagged: ☐
 Set 100 sks cmt from 1460 ft. to 1260 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 310 sacks half in. half out surface casing from 606 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 Number of Days from Setting Surface Plug to Capping or Sealing the Well: _____
 Surface Plug Setting Date: _____ Cut and Cap Date: _____
 *Wireline Contractor: _____ *Cementing Contractor: _____
 Type of Cement and Additives Used: _____
 Flowline/Pipeline has been abandoned per Rule 1105 ☐ Yes ☐ No

Technical Detail/Comments:

Booth 14-35 (05-123-21940)/Plugging Procedure (Intent)
 Producing Formation: Codell: 7142'-7152'
 Water Well (1-mile): 320'
 Upper Pierre Aquifer: 380'-1360'
 TD: 7360' PBD: 7339' (3/12/2004)
 Surface Casing: 8 5/8" 24# @ 406' w/ 300 sx cmt
 Production Casing: 4 1/2" 10.5# @ 7349' w/ 560 sx cmt (TOC @ 3211' - CBL)

Tubing: 2 3/8" tbg @ 7135' (3/12/2004)

Proposed Procedure:

1. MIRU.
2. Pull tubing.
3. RU wireline.
4. RIH with CIBP. Set BP at 7092'. Top with 2 sxs 15.8#/gal CI G cement.
5. RIH with CIBP. Set BP at 6814'. Top with 2 sxs 15.8#/gal CI G cement. (Top of Niobrara @ 6864')
6. RIH with CIBP. Set BP at 3735'. Top with 2 sxs 15.8#/gal CI G cement. (Top of Parkman @ 3785')
7. RIH with casing cutter. Cut 4 1/2" casing @ 2500'. Pull cut casing.
8. TIH with tubing to 2550'. RU cementing company. Mix and pump 100 sx 15.8#/gal CI G cement down tubing. (Stub plug from 2550'-2300')
9. Wait 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.
10. Pick up tubing to 1460'. Mix and pump 100 sx 15.8#/gal CI G cement down tubing. (Pierre coverage from 1460'-1260')
11. Pick up tubing to 606'. Mix and pump 310 sx 15.8#/gal CI G cement down tubing. Cement should circulate to surface.
12. Cut surface casing 6' below ground level 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: Jenifer Hakkarinen

Title: Reg Tech

Date: _____

Email: JEnifer.Hakkarinen@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

402579240	WELLBORE DIAGRAM
402579241	WELLBORE DIAGRAM
402579242	GYRO SURVEY

Total Attach: 3 Files

General Comments

User Group

Comment

Comment Date

		Stamp Upon Approval
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Total: 0 comment(s)