

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



DE ET OE ES

Document Number:

402583754

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 05-123-25246-00	Well Name: WIEDEMAN	Well Number: 12-21U
Location: QtrQtr: SWNW Section: 21 Township: 5N Range: 67W 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: 40.386970	Longitude: -104.904580
GPS Data: GPS Quality Value: 2.8	Type of GPS Quality Value: Date of Measurement: 01/17/2008
Reason for Abandonment: <input type="checkbox"/> Dry <input checked="" type="checkbox"/> Production Sub-economic <input type="checkbox"/> Mechanical Problems	
<input type="checkbox"/> Other	
Casing to be pulled: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Estimated Depth: 2500
Fish in Hole: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, explain details below
Wellbore has Uncemented Casing leaks: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, explain details below
Details:	

Current and Previously Abandoned Zones

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
J SAND	7622	7637			
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	562	400	562	0	VISU
1ST	7+7/8	4+1/2	J-55	10.5	0	7724	275	7724	6206	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7572 with 2 sacks cmt on top. CIBP #2: Depth 6788 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 <u>100</u> sks cmt from <u>2500</u> ft. to <u>2300</u> ft.	Plug Type: <u>STUB PLUG</u>	Plug Tagged: <input type="checkbox"/>
Set <u>100</u> sks cmt from <u>1290</u> ft. to <u>1090</u> ft.	Plug Type: <u>OPEN HOLE</u>	Plug Tagged: <input type="checkbox"/>
Set _____ sks cmt from _____ ft. to _____ ft.	Plug Type: _____	Plug Tagged: <input type="checkbox"/>
Set _____ sks cmt from _____ ft. to _____ ft.	Plug Type: _____	Plug Tagged: <input type="checkbox"/>
Set _____ sks cmt from _____ ft. to _____ ft.	Plug Type: _____	Plug Tagged: <input type="checkbox"/>

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 268 sacks half in. half out surface casing from 622 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:

Wiedeman 12-21U (05-123-25246)/Plugging Procedure (Intent)
 Producing Formation: J-Sand: 7622'-7637'
 Upper Pierre Aquifer: 340'-1190'
 Deepest Water Well: N/A (Proposed permits of 500-600')
 TD: 7743' PBTD: 7688' (Original PBTD)
 Surface Casing: 8 5/8" 24# @ 562' w/ 400 sxs cmt
 Production Casing: 4 1/2" 10.5# @ 7724' w/ 275 sxs cmt (TOC @ 6206' - CBL)

Tubing: 2 3/8" tubing set @ 7607' (5/1/2008)
 Proposed Procedure:
 1. MIRU. Pull 2 3/8" tubing.
 2. RU wireline company.
 3. TIH with CIBP. Set BP at 7572'. Top with 2 sxs 15.8#/gal CI G cement. (Top of J-Sand perms @ 7622')
 4. TIH with CIBP. Set BP at 6788'. Top with 2 sxs 15.8#/gal CI G cement. (Top of Niobrara @ 6838')
 5. TIH with casing cutter. Cut 4 1/2" casing @ 2500'. Pull cut casing.
 6. TIH with tubing to 2550'. RU cementing company. Mix and pump 100 sx 15.8#/gal CI G cement down tubing. (Stub plug from 2500'-2300')
 7. 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.
 8. Pick up tubing to 1290'. Mix and pump 100 sx 15.8#/gal CI G cement down tubing. (Pierre coverage from 1290'-1090')
 9. Pick up tubing to 662'. Mix and pump 268 sx 15.8#/gal CI G cement down tubing. Cement should circulate to surface.
 10. 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**

402583769	WELLBORE DIAGRAM
402583771	WELLBORE DIAGRAM
402583772	CEMENT BOND LOG
402583773	GYRO SURVEY

Total Attach: 4 Files

General Comments

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

		Stamp Upon Approval
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Total: 0 comment(s)