

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: 401231748			
Date Received: 03/13/2017			

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: Kelsi Welch
Name of Operator: PDC ENERGY INC	Phone: (303) 831-3974
Address: 1775 SHERMAN STREET - STE 3000	Fax:
City: DENVER State: CO Zip: 80203	Email: kelsi.welch@pdce.com
For "Intent" 24 hour notice required, Name: Tel:	
COGCC contact: Email:	

API Number 05-123-20443-00	Well Number: 24-23
Well Name: DE JONG	
Location: QtrQtr: SWNW Section: 24 Township: 5N Range: 65W Meridian: 6	
County: WELD	Federal, Indian or State Lease Number:
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: 40.386238	Longitude: -104.617968
GPS Data:	
Date of Measurement: 07/07/2006	PDOP Reading: 3.6 GPS Instrument Operator's Name: David Gipson
Reason for Abandonment: <input type="checkbox"/> Dry <input type="checkbox"/> Production Sub-economic <input type="checkbox"/> Mechanical Problems	
<input type="checkbox"/> Other	
Casing to be pulled: <input type="checkbox"/> Yes <input type="checkbox"/> No	Estimated Depth:
Fish in Hole: <input type="checkbox"/> Yes <input type="checkbox"/> No	If yes, explain details below
Wellbore has Uncemented Casing leaks: <input type="checkbox"/> Yes <input 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
NIOBRARA	6637	6789	02/14/2017	B PLUG CEMENT TOP	6587
CODELL	6937	6953	02/14/2017	B PLUG CEMENT TOP	6887

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	447	375	447	0	VISU
1ST	7+7/8	4+1/2	13.5	7,075	152	7,075	6,193	CBL
S.C. 1.1				3,996	705	3,996	0	CALC

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6887 with 2 sacks cmt on top. CIBP #2: Depth 6587 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>52</u> sks cmt from <u>4102</u> ft. to <u>3388</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input type="checkbox"/>
Set <u>51</u> sks cmt from <u>622</u> ft. to <u>0</u> ft.	Plug Type: <u>CASING</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 _____ sacks half in. half out surface casing from _____ ft. to _____ 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. _____ inch casing Plugging Date: 02/15/2017
 of _____

*Wireline Contractor: Ranger *Cementing Contractor: Ranger

Type of Cement and Additives Used: 15.8#/gal CI G cement

Flowline/Pipeline has been abandoned per Rule 1103 ☒ Yes ☐ No *ATTACH JOB SUMMARY

Technical Detail/Comments:

De Jong 24-23 Plugging Procedure (Sub)
 API: 05-123-20443

Producing Formations: Nio: 6637'-6789'
 Codell: 6937'-6953'
 TD: 7114' PBTD: 7032'
 Surface Casing: 8-5/8" 24# @ 447' w/ 375 sxs
 Production Casing: 4-1/2" 13.5# @ 7075' w/ 152 sks cmt (TOC @ 6193' - CBL)
 Annular Fill @ 3996' w/ 705 sks cmt (TOC @ surface - calc)

Proposed Procedure:

1. MIRU RU pulling unit. Pull tubing.
2. RU wireline company.
3. TIH with CIBP. Set CIBP at 6887'. Top with 2 sxs 15.8#/gal CI G cement.
4. TIH with CIBP. Set CIBP at 6587'. Top with 2 sxs 15.8#/gal CI G cement.
5. Run CBL to confirm bottom of cement. Showed good cement from 3985' to surface.
6. TIH with tubing to 4102'. Mix and pump 52 sxs of 15.8#/gal CI G cement down tubing to 3388'.
7. TIH with tubing to 622'. Mix and pump 51 sxs of 15.8#/gal CI G cement down tubing to surface.
8. 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: Kelsi Welch
 Title: Production Tech Date: 3/13/2017 Email: kelsi.welch@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: Jacobson, Eric

Date: 3/30/2018

CONDITIONS OF APPROVAL, IF ANY:

COA Type

Description

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Attachment Check List

Att Doc Num

Name

401231748	FORM 6 SUBSEQUENT SUBMITTED
401231754	CEMENT JOB SUMMARY
401231755	WELLBORE DIAGRAM
401231757	WIRELINE JOB SUMMARY
401231758	CEMENT BOND LOG

Total Attach: 5 Files

General Comments

User Group

Comment

Comment Date

		Stamp Upon Approval
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Total: 0 comment(s)