

FORM

6

Rev
12/05

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:

400562258

Date Received:

02/26/2014

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: Elizabeth Richards

Name of Operator: PDC ENERGY INC

Phone: (303) 8605800

Address: 1775 SHERMAN STREET - STE 3000

Fax: (303) 8605838

City: DENVER State: CO Zip: 80203

Email: Elizabeth.Richards@pdce.com

For "Intent" 24 hour notice required,

Name: _____ Tel: _____

COGCC contact:

Email: _____

API Number 05-123-13068-00

Well Name: VETTING

Well Number: 24-14

Location: QtrQtr: SESW Section: 14 Township: 5N Range: 65W Meridian: 6

County: WELD

Federal, Indian or State Lease Number: 62311

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: 40.393354

Longitude: -104.632677

GPS Data:

Date of Measurement: 12/09/2009

PDOP Reading: 2.5

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 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	6912	6979	09/29/2013	B PLUG CEMENT TOP	6600
NIOBRARA	6656	6911	09/29/2013	B PLUG CEMENT TOP	6600

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	226	900	226	0	
1ST	7	4+1/2	11.6	70,410	175	7,040	0	

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6600 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 _____ 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: ☐
Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged: ☐

Perforate and squeeze at 300 ft. with 300 sacks. Leave at least 100 ft. in casing _____ CICR Depth
Perforate and squeeze at 1000 ft. with 205 sacks. Leave at least 100 ft. in casing 510 CICR Depth
Perforate and squeeze at 4000 ft. with 25 sacks. Leave at least 100 ft. in casing 3405 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. of _____ inch casing

Plugging Date: 11/19/2013

*Wireline Contractor: Nabors

*Cementing Contractor: Baker Hughes, Halliburton

Type of Cement and Additives Used: _____

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

*ATTACH JOB SUMMARY

Technical Detail/Comments:

9/29/2013 Set CIBP @ 6600 w/ 2 sx cement on top
9/29/2013 Shot squeeze holes @ 4000' and @3390'
9/29/2013 Retainer set @ 3405'
9/30/2013 Unable to establish circulation for squeeze, State changed orders from suicide squeeze to pumping 500' cement plug on top of retainer inside 4 1/2" casing and also 500' to surface inside 4 1/2" casing
10/1/2013 25 sx pumped on top of retainer @3405'
10/1/2013 29 sx plug @ 507'
10/3/2013 Surface casing had pressure, drilled through cement plug, fell out @503.21'
10/10/2013 TIH w/ wireline set CIBP @ 1200'
10/11/2013 Shot squeeze holes @ 1000', Set retainer @ 510' and shot more squeeze holes @ 495'
10/14/2013 pump 205 sx cement on top of retainer @510'
11/14/2013 Surface casing had pressure, drilled cement plug to 311'
11/15/2013 shot squeeze holes @ 300', @ 256' and @ 230'
11/15/2013 pump 300 sxs @ 300' and squeeze through perms
11/19/2013 Completion of P&A for Vetting 24-14

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: Regulatory Tech Date: 2/26/2014 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: HICKEY, MIKE Date: 2/28/2014

CONDITIONS OF APPROVAL, IF ANY:

COA Type

Description

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Attachment Check List

Att Doc Num

Name

400562258	FORM 6 SUBSEQUENT SUBMITTED
400562304	CEMENT JOB SUMMARY
400562305	WELLBORE DIAGRAM
400562306	CEMENT BOND LOG

Total Attach: 4 Files

General Comments

User Group

Comment

Comment Date

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Total: 0 comment(s)