

FORM
6Rev
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

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400771991

Date Received:

01/15/2015

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: Tel:

COGCC contact:

Email:

API Number 05-123-09902-00

Well Name: BADDING STATE

Well Number: 1

Location: QtrQtr: NENE Section: 36 Township: 2N Range: 66W Meridian: 6

County: WELD

Federal, Indian or State Lease Number: 72-2025-S

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: 40.099337

Longitude: -104.719427

GPS Data:

Date of Measurement: 05/30/2014

PDOP Reading: 1.7

GPS Instrument Operator's Name: Devon Arnold

Reason for Abandonment: ☐ Dry ☐ Production for Sub-economic ☐ Mechanical Problems☐ OtherCasing 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
J SAND	7924	7955	08/25/2014		

Total: 1 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	231	200	231	0	VISU
1ST	7+7/8	4+1/2	10.5	8,051	250	8,051	7,250	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7880 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 60 sks cmt from 7317 ft. to 6545 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 4880 ft. with 150 sacks. Leave at least 100 ft. in casing 4445 CICR Depth

Perforate and squeeze at 1100 ft. with 750 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 750 sacks half in. half out surface casing from 1100 ft. to 15 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: 08/25/2014

*Wireline Contractor: _____

*Cementing Contractor: Baker Hughes

Type of Cement and Additives Used: _____

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

*ATTACH JOB SUMMARY

Technical Detail/Comments:

Badding State #1 API#05-123-09902 NENE SEC 36 2N 66W

procedure:

The J-Sand already has a CIBP set @ 7880' with 2 sacks cement on it (46' above top J-Sand perf)

1) Pump a balanced plug from 7317'-6545'-Pump 60 sks G Neet 15.8 ppg 1.15 yield

2) Pull 30 jts and reverse clean

3) Pull work string out of hole

4) MI&RU E-line

5) Sussex squeeze-shoot lower squeeze holes @4880'

6) Set CICR @4445'

7) Sussex squeeze-shoot upper squeeze holes @4422'

8) TIH and pump suicide squeeze: 150 sks Class G neet 15.8 ppg 1.15 yield

9) Pull 20 jts and reverse clean

10) TOOH laying down work string

11) Perforate 4 1/2" production casing @1100'

12) Pump cement: 740 sks G Neet 15.8 ppg 1.15 yield, pump cement down 4 1/2" casing returning cement up surface casing

13) WOC

14) Tag cement-top @ 15'

15) Cut 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: Regulatory Tech

Date: 1/15/2015

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, Travis

COGCC Approved:

Date: 12/11/2015

CONDITIONS OF APPROVAL, IF ANY:

COA Type

Description

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Attachment Check List

Att Doc Num

Name

400771991	FORM 6 SUBSEQUENT SUBMITTED
400772006	WELLBORE DIAGRAM
400772008	CEMENT JOB SUMMARY

Total Attach: 3 Files

General Comments

User Group

Comment

Comment Date

Public Room	Document verification complete 12/10/15	12/10/2015 11:29:34 AM
Permit	Subsequent Report of Abandonment dated 8/4/2014.	5/6/2015 3:05:37 PM

Total: 2 comment(s)