

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



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04/04/2013

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: (303) 8605838

City: DENVER State: CO Zip: 80203

Email: Jenifer.Hakkarinen@pdce.com

For "Intent" 24 hour notice required,

Name: PRECUP, JIM

Tel: (303) 726-3822

COGCC contact:

Email: james.precup@state.co.us

API Number 05-123-07417-00

Well Name: Goodell

Well Number: 1

Location: QtrQtr: NENE Section: 21 Township: 7N Range: 66W Meridian: 6

County: WELD

Federal, Indian or State Lease Number:

Field Name: WILDCAT

Field Number: 99999

☒ Notice of Intent to Abandon☐ Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.565132

Longitude: -104.776973

GPS Data:

Date of Measurement: PDOP Reading: GPS Instrument Operator's Name:

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	8019	8043	09/08/1972	CEMENT	7958

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	229	150	229	0	CALC
1ST	7+7/8	4+1/2	11.6	8,105	250	8,105	7,105	CALC

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7960 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 50 sks cmt from 7105 ft. to 7000 ft. Plug Type: OPEN HOLE Plug Tagged: ☒

Set 250 sks cmt from 4500 ft. to 3500 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 200 sacks half in. half out surface casing from 650 ft. to 0 ft. Plug Tagged: ☐

Set 10 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: _____

*Wireline Contractor: _____ *Cementing Contractor: _____

Type of Cement and Additives Used: _____

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

Technical Detail/Comments:

Plugging Procedure

J-Sand

Existing Perforations:

J-Sand: 8019'-8043'

PBTD: 8105'

8 5/8" 24# Casing set @ 229' cemented w/ 150 sx

4 1/2" 11.6# Casing set @ 8105' cemented w/ 250 sx

Procedure:

1)MIRU Roustabout crew

2)Locate and dig up abandon casing and cap

3)Weld on new casing to bring wellhead to ground level

4)MIRU Workover Rig

5)Drill and clean out to TD

6)Set CIBP @ 7960' and dump bail 2 sx cement on top

7)Set 50 sack stub plug at old 4 1/2" casing stub

8)Set 250 sack plug to cover Parkman/Sussex (~3500'-4000')

9)Set 200 sack plug from 500' to surface

10)Dump 10 sacks @ surface

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: 4/4/2013 Email: Jenifer.Hakkarinen@pdce.com

Based on the information provided, the Well Abandonment Report (Form 6) complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved:

Date: 4/4/2013

CONDITIONS OF APPROVAL, IF ANY:

Expiration Date: 10/3/2013

- 1) Provide 24-hour notice of MIRU to Jim Precup at (303) 726-3822.
- 2) Based on adjacent ground water, cement coverage is required from 650' to at least 50' within the surface casing. This plug shall also be tagged if not brought to surface and it must be 179' or higher.
- 3) Provide an "As Plugged" wellbore diagram identifying the specific plugging completed.
- 4) For the 7000' plug: pump plug and displace, shut in, WOC 4 hours and tag plug. Tag must be 7000' or shallower.
- 5) If casing not previously pulled, contact COGCC for plugging modifications.
- 6) Operator must tag plugs upon verbal request by the COGCC engineer or COGCC field inspector.
- 7) See plugging changes above.

Attachment Check List

Att Doc Num	Name
400399781	FORM 6 INTENT SUBMITTED
400399786	WELLBORE DIAGRAM
400399787	WELLBORE DIAGRAM

Total Attach: 3 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)