

FORM
6Rev
05/18

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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Document Number:

402288465

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: Valerie Danson

Name of Operator: PDC ENERGY INC

Phone: (970) 506-9272

Address: 1775 SHERMAN STREET - STE 3000

Fax:

City: DENVER State: CO Zip: 80203

Email: valerie.danson@pdce.com

For "Intent" 24 hour notice required,

Name:

Tel:

COGCC contact:

Email:

API Number 05-123-20222-00

Well Name: HOSHIKO

Well Number: 42-17

Location: QtrQtr: SENE Section: 17 Township: 5N Range: 64W 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: 40.401096

Longitude: -104.566839

GPS Data:

Date of Measurement: 12/11/2019 PDOP Reading: 1.7 GPS Instrument Operator's Name: Devon Arnold

Reason for Abandonment: ☐ Dry ☐ Production 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
CODELL	6812	6820	12/19/2019	B PLUG CEMENT TOP	6762

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	397	260	397	0	VISU
1ST	7+7/8	4+1/2	10.5	6,969	380	6,969	3,070	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6762 with 2 sacks cmt on top. CIBP #2: Depth 6456 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 100 sks cmt from 1584 ft. to 1279 ft. Plug Type: STUB PLUG 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 _____ 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 214 sacks half in. half out surface casing from 600 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: 1510 ft. 4+1/2 inch casing Cut and Cap Date: 12/20/2019
of _____

*Wireline Contractor: C&J Energy Services

*Cementing Contractor: NexTier

Type of Cement and Additives Used: Type III 14.8 PPG Portland Cement

Flowline/Pipeline has been abandoned per Rule 1105 ☐ Yes ☐ No

*ATTACH JOB SUMMARY

Technical Detail/Comments:

Hoshiko 42-17 (05-123-20222)/Plugging Procedure
Producing Formation: Codell: 6812'-6820'
Upper Pierre Aquifer: 260'-1410'
TD: 7033' PBTD: 6953' (1/17/2018)
Surface Casing: 8 5/8" 24# @ 397' w/ 260 sxs
Production Casing: 4 1/2" 10.5# @ 6969' w/ 380 sxs cmt (TOC @ 3070 - CBL)

Procedure:

1. MIRU pulling unit. Pull 2 3/8 tubing.
2. RU wireline company.
3. TIH with CIBP. Set BP at 6762'. Top with 2 sxs 15.8#/gal CI G cement. (Top of Codell perfs @ 6812')
4. TIH with CIBP. Set BP at 6456'. Top with 2 sxs 15.8#/gal CI G cement. (Top of Niobrara @ 6506')
5. Run CBL from 1600' to Surface.
6. TIH with casing cutter. Cut 4 1/2" casing at 1510'. Pull cut casing.
7. TIH with tubing to 1584'. RU cementing company. Mix and pump 100 sxs 14.8#/gal Type III cement down tubing (Pierre coverage from 1510'-1310'). TOC at 1279'.
8. Pick up tubing to 600'. Mix and pump 213.7 sxs 14.8#/gal Type III cement down tubing (Pierre coverage from 600'-surface). Cement circulate to surface.
9. 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: Valerie Danson

Title: Reg Tech

Date: _____

Email: valerie.danson@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: _____

COA Type

Description

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Attachment Check List

Att Doc Num

Name

402288481	CEMENT BOND LOG
402288484	CEMENT JOB SUMMARY
402288492	OPERATIONS SUMMARY
402288493	WELLBORE DIAGRAM

Total Attach: 4 Files

General Comments

User Group

Comment

Comment Date

		Stamp Upon Approval
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Total: 0 comment(s)