

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



DE	ET	OE	ES
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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: Santistevan, Brittani Tel: (720) 471-1110 COGCC contact: Email: brittani.santistevan@state.co.us	

API Number 05-123-12132-00	Well Number: 2
Well Name: JASON	
Location: QtrQtr: NESE Section: 31 Township: 6N Range: 64W Meridian: 6	
County: WELD	Federal, Indian or State Lease Number: 62310
Field Name: KERSEY	Field Number: 44600

☒ Notice of Intent to Abandon ☐ Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.440330	Longitude: -104.586920
GPS Data:	
Date of Measurement: 06/24/2010	PDOP Reading: 1.8
GPS Instrument Operator's Name: Holly L. Tracy	
Reason for Abandonment:	
<input type="checkbox"/> Dry	<input checked="" type="checkbox"/> Production Sub-economic
<input type="checkbox"/> Mechanical Problems	
<input type="checkbox"/> Other	
Casing to be pulled:	Estimated Depth:
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Fish in Hole:	If yes, explain details below
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Wellbore has Uncemented Casing leaks:	If yes, explain details below
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Details:	

Current and Previously Abandoned Zones

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
NIOBRARA-CODELL	6560	6881			
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	305	250	305	0	VISU
1ST	7+7/8	4+1/2	13.5	6,982	125	6,982	6,191	CALC
S.C. 1.1				3,240	100	3,240	3,055	CBL
S.C. 1.2				3,055	575	3,055	360	CALC

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6510 with 2 sacks cmt on top. CIPB #2: Depth _____ with _____ sacks cmt on top.
CIBP #3: Depth _____ with _____ sacks cmt on top. CIPB #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>215</u> sks cmt from <u>3710</u> ft. to <u>3395</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input type="checkbox"/>
Set <u>40</u> sks cmt from <u>1600</u> ft. to <u>1100</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input type="checkbox"/>
Set <u>40</u> sks cmt from <u>505</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"/>

Perforate and squeeze at 3850 ft. with 80 sacks. Leave at least 100 ft. in casing 3725 CICR Depth

Perforate and squeeze at 350 ft. with 120 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: _____
of _____

*Wireline Contractor: _____ *Cementing Contractor: _____

Type of Cement and Additives Used: _____

Flowline/Pipeline has been abandoned per Rule 1105 ☐ Yes ☐ No *ATTACH JOB SUMMARY

Technical Detail/Comments:

Jason 2 (05-123-12132)/Plugging Procedure (Intent)

Producing Formation: Niobrara/Codell: 6560'-6881'

Upper Pierre Aquifer: 345'-1380'

TD: 6982' PBD: 6911'

Surface Casing: 8 5/8" 24# @ 305' w/ 250 sxs

Production Casing: 4 1/2" 13.5# @ 6982' w/ 125 sxs cmt (TOC @ 6191' - calculated).

Cement Squeeze @ 3226' w/ 100 sxs cmt (3240'-3055' - CBL).

Annular Fill @ 3055' w/ 575 sxs cmt (TOC @ 360' - calculated).

Casing Holes @ 3182'-3690'.

Production Packer set @ 3990' (12/6/2011)

Tubing: 2 3/8" tubing set @ 6852.7' (12/6/2011).

Proposed Procedure:

1. MIRU pulling unit. Pull 2 3/8" tubing.

2. RU wireline company.

3. TIH with CIBP. Set BP at 6510'. Top with 2 sxs 15.8#/gal CI G cement.

4. Run CBL from 6400' - surface. If cement not at 360' contact engineer before proceeding.

5. Pressure test. If pass jump to "No Casing Holes" and follow that procedure. If fail, set packer and hunt for holes. Contact engineer before proceeding if holes are found at other interval that is not listed above in order to adjust procedure. If holes are between 3690'-3182', continue with step 6.

6. TIH with perf gun. Shoot lower squeeze holes at 3850' and upper squeeze at 3710' for bottom Parkman coverage.

7. Set CIGR at 3725'. RU cementing company. Sting in and pump 80 sxs 15.8#/gal CI G cement. Sting out and pump 90 sxs on top of CIGR (Parkman, Casing Hole and Casing Patch coverage).

8. TIH with tubing and squeeze 215 sxs 15.8#/gal CI G cement through casing holes (Parkman and Casing Hole coverage 3710'-3395').

9. Pick up with tubing to 1600'. Mix and pump 40 sxs 15.8#/gal CI G cement down tubing (Pierre coverage from 1600'-1100'). TOOH with tubing.

10. TIH with perforation gun. Shoot 2 holes for annular squeeze at 350' @ 1 SPF or preferred.

11. TIH with tubing to 505'. Mix and pump 40 sxs 15.8#/gal CI G cement down tubing. Cement should circulate to surface. TOOH with tubing.

12. Close off casing returns. Hook up cement line to cement flange and pump 120 sxs 15.8#/gal CI G cement downhole and squeeze through perforations at 350' into annular space. Cement should circulate to surface.

13. Cut surface casing 6' below ground level and weld on cap.

No Casing Holes:

6. TIH with perf gun. Shoot lower squeeze holes at 3850' and upper squeeze holes at 3400' for Parkman coverage.

7. Set CIGR at 3415'. RU cementing company. Sting in and pump 220 sxs 15.8#/gal CI G cement. Sting out and pump 60 sxs on top of CIGR (Casing Patch coverage 3415'-2683').

8. TIH with tubing to 1600'. Mix and pump 40 sxs 15.8#/gal CI G cement down tubing (Pierre coverage from 1600'-1100'). TOOH with tubing.

9. TIH with perforation gun. Shoot 2 holes for annular squeeze at 350' @ 1 SPF or preferred.

10. TIH with tubing to 505'. Mix and pump 40 sxs 15.8#/gal CI G cement down tubing. Cement should circulate to surface. TOOH with tubing.

11. Close off casing returns. Hook up cement line to cement flange and pump 120 sxs 15.8#/gal CI G cement downhole and squeeze through perforations at 350' into annular space. Cement should circulate to surface.

12. 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: _____

Expiration Date: _____

COA Type

Description

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Attachment Check List

Att Doc Num

Name

401971156	WELLBORE DIAGRAM
401971162	WELLBORE DIAGRAM
401971163	GYRO SURVEY

Total Attach: 3 Files

General Comments

User Group

Comment

Comment Date

		Stamp Upon Approval
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Total: 0 comment(s)