

Document Number:
401971137

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: Dry Production Sub-economic Mechanical Problems
 Other _____
 Casing to be pulled: Yes No Estimated Depth: _____
 Fish in Hole: Yes No If yes, explain details below
 Wellbore 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
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 215 sks cmt from 3710 ft. to 3395 ft. Plug Type: CASING Plug Tagged:
Set 40 sks cmt from 1600 ft. to 1100 ft. Plug Type: CASING Plug Tagged:
Set 40 sks cmt from 505 ft. to 0 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:

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. of _____ inch casing Plugging Date: _____

*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' PBTD: 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 CICR 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 CICR (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' an upper squeeze holes at 3400' for Parkman coverage.

7. Set CICR 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 CICR (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

<u>Att Doc Num</u>	<u>Name</u>
401971156	WELLBORE DIAGRAM
401971162	WELLBORE DIAGRAM
401971163	GYRO SURVEY

Total Attach: 3 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
		Stamp Upon Approval

Total: 0 comment(s)