

FORM
6

Rev
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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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: <u>69175</u>	Contact Name: <u>Jenifer Hakkarinen</u>
Name of Operator: <u>PDC ENERGY INC</u>	Phone: <u>(303) 8605800</u>
Address: <u>1775 SHERMAN STREET - STE 3000</u>	Fax: _____
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80203</u>	Email: <u>Jenifer.Hakkarinen@pdce.com</u>
For "Intent" 24 hour notice required, Name: <u>Gomez, Jason</u> Tel: <u>(970) 573-1277</u>	
COGCC contact: Email: <u>jason.gomez@state.co.us</u>	

API Number <u>05-123-16520-00</u>	Well Number: <u>4</u>
Well Name: <u>SEELEY LAKE</u>	
Location: QtrQtr: <u>SESW</u> Section: <u>24</u> Township: <u>6N</u> Range: <u>66W</u> Meridian: <u>6</u>	
County: <u>WELD</u> Federal, Indian or State Lease Number: <u>59859</u>	
Field Name: <u>BRACEWELL</u> Field Number: <u>7487</u>	

Notice of Intent to Abandon Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.468056 Longitude: -104.726944

GPS Data:
Date of Measurement: 01/21/2010 PDOP Reading: 1.7 GPS Instrument Operator's Name: Brandon Lucason

Reason for Abandonment: Dry Production for Sub-economic Mechanical Problems
 Other _____

Casing to be pulled: Yes No Estimated Depth: 6050

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
CODELL	7096	7106			
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	937	300	397	0	
1ST	7+7/8	4+1/2	11.6	7,211	200	7,211	6,250	

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7020 with 23 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 6100 ft. to 5885 ft. Plug Type: STUB PLUG Plug Tagged:
 Set 362 sks cmt from 4837 ft. to 3554 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 177 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: _____ 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:

Proposed Plugging Procedure
 Surface Csg: 8-5/8" - 24# - Set @ 397' w/ 300 sxs to surface.
 Production Csg: 4-1/2" - 11.6# Set @ 7,211' w/ 200 sxs.
 CBL TOC @ 6,250'
 1) MIRU WO rig.
 2) Make sure well is dead.
 3) RU cmt services.
 4) RIH and tag CIBP cmt top @ 6,992'.
 5) PU and spot a 23 sx plug from 6,992' to 6,674' (to cover Niobrara in pipe).
 6) POOH w/ work string.
 7) RU WL unit.
 8) PU csg cutter.
 9) RIH w/ cutter and cut 4.5" production csg @ 6,050'.
 10) POOH w/ cutter.
 11) RD WL.
 12) POOH w/ cut section of csg.
 13) RIH and spot a 50 sx balance plug from 6,100' to 5,885'.
 14) TOH and spot a 362 sx balance plug from 4,837' to 3,554' (to cover Sussex/Parkman zones).
 15) TOH and spot a 177 sx cmt plug from 600' to surface.
 16) WOC.
 17) Top off remaining cmt.
 18) RDMO service units.
 19) Cut and weld 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: _____

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.

COGCC Approved: _____

Date: _____

CONDITIONS OF APPROVAL, IF ANY: _____

Expiration Date: _____

Attachment Check List

Att Doc Num

Name

400824115	WELLBORE DIAGRAM
400824118	WELLBORE DIAGRAM

Total Attach: 2 Files

General Comments

User Group

Comment

Comment Date

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

Total: 0 comment(s)