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10/03/2013

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: MONTOYA, JOHN Tel: (970) 3974124
COGCC contact: Email: john.montoya@state.co.us

API Number 05-123-13309-00 Well Number: 28-7
 Well Name: MCCARTY
 Location: QtrQtr: SWNE Section: 28 Township: 4N Range: 67W Meridian: 6
 County: WELD Federal, Indian or State Lease Number: 68354
 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: 40.286250 Longitude: -104.892580
 GPS Data:
 Date of Measurement: 04/02/2008 PDOP Reading: 2.5 GPS Instrument Operator's Name: Holly L. Tracy
 Reason for Abandonment: Dry Production for Sub-economic Mechanical Problems
 Other _____
 Casing to be pulled: Yes No Estimated Depth: 5562
 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	7326	7336			
NIOBRARA	7022	7204			

Total: 2 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	26	296	275	296	0	
1ST	7+7/8	2+7/8	11.6	7,420	450	7,420	5,660	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6922 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 5612 ft. to 5512 ft. Plug Type: STUB PLUG Plug Tagged:
Set 200 sks cmt from 3500 ft. to 4000 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 240 sacks half in. half out surface casing from 700 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
Niobrara
Codell
Existing Perforations:
Niobrara: 7022-7204'
Codell: 7326-7336'
PBTD: 7385'
8 5/8" 24# @ 296' W/ 275 sks cmt.
2 7/8" 6.4# @ 7420' w/ 450 sks cmt
Procedure:
1)MIRU Workover Rig
2)Pull production tubing
3)MIRU wireline
4)RIH w/CIBP set @ 6922'
5)RIH w/dump bailer and dump 2 sx cement on top of CIBP
6)RIH w/casing cutter, cut & pull casing @ ~5562'
7)TIH set 50 sack plug @ casing stub (5562')
8)TIH to tag stub plug
9)TOH to set 200 sack plug @ Parkman/Sussex (~3500'--4000')
10)TOH and set 200 sack cement plug 500' to surface
11)Set 10 sx @ top of surface
12)Cut casing 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: Jenifer Hakkarinen

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: KING, KEVINDate: 11/12/2013**CONDITIONS OF APPROVAL, IF ANY:** _____Expiration Date: 5/11/2014**COA Type****Description**

	1)24hr notice of commencing work is required. 2)Flowlines/pipelines must be abandoned in accordance with 1100 series rules. 3)Cement plug at surface must extend from a minimum depth of 700' to surface in order to cover the Fox Hills Formation and comply with Rule 319.a.(1).
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Attachment Check List**Att Doc Num****Name**

2167505	WELLBORE DIAGRAM
400490134	FORM 6 INTENT SUBMITTED
400490141	WELLBORE DIAGRAM

Total Attach: 3 Files

General Comments**User Group****Comment****Comment Date**

Permit	Attachments include two current well bore diagrams and no proposed. Requested proposed from Opr. Attached corrected WB Diagram as per opr.	10/8/2013 8:12:44 AM
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Total: 1 comment(s)