

FORM
6Rev
12/05State 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:

12/10/2012

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: Jeff Glossa

Name of Operator: PDC ENERGY INC

Phone: (303) 831-3972

Address: 1775 SHERMAN STREET - STE 3000

Fax: (303) 860-5838

City: DENVER State: CO Zip: 80203

Email: Jeffrey.Glossa@PDCE.com

For "Intent" 24 hour notice required,

Name: MONTOYA, JOHN

Tel: (970) 3974124

COGCC contact:

Email: john.montoya@state.co.us

API Number 05-123-14358-00

Well Name: JOHNSTON

Well Number: 44-24

Location: QtrQtr: SESE Section: 24 Township: 4N Range: 67W Meridian: 6

County: WELD

Federal, Indian or State Lease Number: 67444

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: 40.292222

Longitude: -104.832222

GPS Data:

Date of Measurement: 07/01/2010

PDOP Reading: 2.1

GPS Instrument Operator's Name: Shantell Kling

Reason for Abandonment: ☐ Dry☒ Production for Sub-economic☐ Mechanical Problems☐ OtherCasing to be pulled: ☒ Yes☐ No

Estimated Depth: 6545

Fish in Hole: ☐ Yes☒ No

If yes, explain details below

Wellbore has Uncemented Casing leaks: ☒ Yes☐ No

If yes, explain details below

Details: MURU for MIT, casing will not hold pressure

Current and Previously Abandoned Zones

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
CODELL	7240	7248			
NIOBRARA	6930	7030			

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	24	219	150	219	0	CALC
1ST	7+7/8	3+1/2	9	7,360	210	7,360	6,545	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6840 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 75 sks cmt from 6450 ft. to 6600 ft. Plug Type: STUB PLUG Plug Tagged: ☐
Set 150 sks cmt from 4400 ft. to 4750 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 200 sacks half in. half out surface casing from 500 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:

PDC Energy intends to plug the Johnson 44-24 as described below

Existing Perforations
NBRR 6930-7030
CODL 7240-7248

Casing Strings
Surface 8 5/8" @ 219'
Production 3 2/1" @ 7360'

Proceedure

MIRU wireline and run CBL

Locate free point in the production casing (estimate 6545')

RDMO wireline

MIRU PU, TIH, cut and pull casing

TIH w/ tubing to casing stub, mix and pump 75 sx cmt (200' Stub plug)

Set EOT @ 4750', mix and pump 150 sx cmt

Set EOT @ 500', mix and pump 200 sx cmt to surface.

cut casing 4' below ground

weld on plate

Restore location

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: _____ Print Name: Jeff Glossa
Title: Sr Engineering Tech Date: 12/10/2012 Email: Jeffrey.Glossa@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: BURN, DIANA Date: 2/4/2013

CONDITIONS OF APPROVAL, IF ANY:

Expiration Date: 8/3/2013

- 1) Provide 24 hour notice of MIRU to COGCC inspector John Montoya via e-mail at John.Montoya@state.co.us.
- 2) For 500' plug: pump plug and displace, if not circulated to surface, shut-in, WOC 4 hours and tag plug – must be 170' or shallower. If surface casing plug not circulated to surface, then tag plug and provide 10 sx plug at the surface. Leave at least 100' cement in the casing for each plug.
- 3) Properly abandon flowlines as per Rule 1103.

Attachment Check List

Att Doc Num	Name
1699238	WELLBORE DIAGRAM
2485142	WELLBORE DIAGRAM
2485303	WELLBORE DIAGRAM
400355898	FORM 6 INTENT SUBMITTED
400355905	WELLBORE DIAGRAM

Total Attach: 5 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	LOCATION: SE1/4 OF SE1/4 OF SEC. 24, T.4n., R.67W. (840 SSL, 723 ESL) Ground Elevation: 4722 Number of Acres: 160 ELEVATION DEPTH TO ANNUAL ----- NET ----- APPROP STATUS AQUIFER BOT. TOP SAND BOT. TOP A-F ----- UPPER DAWSON ---- LOWER DAWSON ---- DENVER ---- UPPER ARAPAHOE ---- LOWER ARAPAHOE ---- LARAMIE-FOX HILLS 4595 4753 102.7 127 -31 24.65 NNT note: E indicates location is at aquifer boundary and values may be more approximate.	1/15/2013 9:03:41 AM
Permit	Attached current wellbore diagram from opr.	12/14/2012 9:01:11 AM
Permit	Requested current well bore diagram from opr.	12/11/2012 10:19:32 AM

Total: 3 comment(s)