

FORM
5A

Rev
06/12

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
----	----	----	----

Document Number:

400380105

Date Received:

02/11/2013

COMPLETED INTERVAL REPORT

The completed interval Report, Form 5A, shall be submitted within thirty (30) days of completing a formation (successful or not), when a formation is temporarily abandoned or permanently abandoned, for a recompletion, reperforation or restimulation, or when a formation is commingled. Fill out a section for each formation. Attach as many pages as required to fully describe the work. List in order of completion.

1. OGCC Operator Number: 69175
2. Name of Operator: PDC ENERGY INC
3. Address: 1775 SHERMAN STREET - STE 3000
City: DENVER State: CO Zip: 80203
4. Contact Name: Jenifer Hakkarinen
Phone: (303) 8605800
Fax: (303) 8605838
Email: Jenifer.Hakkarinen@pdce.com

5. API Number 05-123-34961-00
6. County: WELD
7. Well Name: WELLS RANCH
Well Number: 34F-202
8. Location: QtrQtr: SWNW Section: 34 Township: 6N Range: 63W Meridian: 6
9. Field Name: Field Code:

Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION
Treatment Date: 10/10/2012 End Date: 10/10/2012 Date of First Production this formation: 10/22/2012
Perforations Top: 7390 Bottom: 11175 No. Holes: 16 Hole size: 27/64
Provide a brief summary of the formation treatment: Open Hole: ☐
This formation is commingled with another formation: ☐ Yes ☒ No
Total fluid used in treatment (bbl): 57962 Max pressure during treatment (psi): 7243
Total gas used in treatment (mcf): Fluid density at initial fracture (lbs/gal): 8.78
Type of gas used in treatment: Min frac gradient (psi/ft): 0.94
Total acid used in treatment (bbl): Number of staged intervals: 16
Recycled water used in treatment (bbl): Flowback volume recovered (bbl): 11683
Fresh water used in treatment (bbl): 57962 Disposition method for flowback: DISPOSAL
Total proppant used (lbs): 84558 Rule 805 green completion techniques were utilized: ☒
Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 11/06/2012 Hours: 24 Bbl oil: 254 Mcf Gas: 310 Bbl H2O: 103
Calculated 24 hour rate: Bbl oil: 254 Mcf Gas: 310 Bbl H2O: 103 GOR: 1220
Test Method: Flowing Casing PSI: 1341 Tubing PSI: 849 Choke Size: 16/64
Gas Disposition: SOLD Gas Type: WET Btu Gas: 3368 API Gravity Oil: 46
Tubing Size: 2 + 3/8 Tubing Setting Depth: 6966 Tbg setting date: 10/25/2012 Packer Depth:
Reason for Non-Production:
Date formation Abandoned: Squeeze: ☐ Yes ☐ No If yes, number of sacks cmt
** Bridge Plug Depth: ** Sacks cement on top: ** Wireline and Cement Job Summary must be attached.

Comment:

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: 2/11/2013

Email: Jenifer.Hakkarinen@pdce.com

:

Attachment Check List

Att Doc Num

Name

3337919	WELLBORE DIAGRAM
---------	------------------

400380105	FORM 5A SUBMITTED
-----------	-------------------

Total Attach: 2 Files

General Comments

User Group

Comment

Comment Date

Permit	Attached wellbore diagram and per operator corrected tubing information, flowback volume.	6/26/2014 4:08:33 PM
Permit	ON HOLD: operator has supplied summary, tubign info, and wellbore diagram. Still waiting on flowback volumes	5/7/2014 2:29:56 PM
Permit	ON HOLD: Requested flowback volume and tubing information. Also requested brief summary and a wellbore diagram.	5/7/2014 9:44:13 AM
Permit	On hold pending form 5 approval.	2/19/2013 3:47:14 PM

Total: 4 comment(s)