

FORM  
5A

Rev  
09/20

# 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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Document Number:  
402409395

Date Received:  
02/18/2021

### 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: <u>69175</u>	4. Contact Name: <u>Valerie Danson</u>
2. Name of Operator: <u>PDC ENERGY INC</u>	Phone: <u>(970) 506-9272</u>
3. Address: <u>1775 SHERMAN STREET - STE 3000</u>	Fax: _____
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80203</u>	Email: <u>valerie.danson@pdce.com</u>

5. API Number <u>05-123-13057-00</u>	6. County: <u>WELD</u>
7. Well Name: <u>MILLER-DEPPE</u>	Well Number: <u>1</u>
8. Location: QtrQtr: <u>NENW</u> Section: <u>13</u> Township: <u>5N</u> Range: <u>64W</u> Meridian: <u>6</u>	
9. Field Name: <u>KERSEY</u> Field Code: <u>44600</u>	

### Completed Interval

FORMATION: CODELL Status: ABANDONED Treatment Type: \_\_\_\_\_  
WELLBORE/COMPLETION

Treatment Date: \_\_\_\_\_ End Date: \_\_\_\_\_ Date this Formation was Completed: 05/17/1986

Perforations Top: 6724 Bottom: 6728 No. Holes: 4 Hole size: 42/100 Open Hole:

Describe the Formation Treatment, including the following: type of fluid used (gel, slickwater, etc.), type and concentration of acid used (HCl, HF, etc.), types and amounts of proppant(s) used, depth details of multiple zones, and method used to determine flowback volume.

This formation is commingled with another formation:  Yes  No

Total fluid used in treatment (bbl): \_\_\_\_\_ Max pressure during treatment (psi): \_\_\_\_\_

Total gas used in treatment (mcf): \_\_\_\_\_ Fluid density at initial fracture (lbs/gal): \_\_\_\_\_

Type of gas used in treatment: \_\_\_\_\_ Min frac gradient (psi/ft): \_\_\_\_\_

Total acid used in treatment (bbl): \_\_\_\_\_ Number of staged intervals: \_\_\_\_\_

Recycled or Reused Fluids used in treatment (bbl): 0 Flowback volume recovered (bbl): \_\_\_\_\_

Fresh water used in treatment (bbl): \_\_\_\_\_ Disposition method for flowback: \_\_\_\_\_

Total proppant used (lbs): \_\_\_\_\_

**Fracture stimulations must be reported on FracFocus.org**

#### Test Information:

Hours: \_\_\_\_\_ Bbl oil: \_\_\_\_\_ Mcf Gas: \_\_\_\_\_ Bbl H2O: \_\_\_\_\_

Calculated 24 hour rate: Bbl oil: \_\_\_\_\_ Mcf Gas: \_\_\_\_\_ Bbl H2O: \_\_\_\_\_ GOR: \_\_\_\_\_

Test Method: \_\_\_\_\_ Casing PSI: \_\_\_\_\_ Tubing PSI: \_\_\_\_\_ Choke Size: \_\_\_\_\_

Gas Disposition: \_\_\_\_\_ Gas Type: \_\_\_\_\_ Btu Gas: \_\_\_\_\_ API Gravity Oil: \_\_\_\_\_

Tubing Size: \_\_\_\_\_ Tubing Setting Depth: \_\_\_\_\_ Tbg setting date: \_\_\_\_\_ Packer Depth: \_\_\_\_\_

Reason for Non-Production: CIBP set at 6680' with 2 sxs cmt ahead of Niobrara re-frac and re-complete in 2006.

Date formation Abandoned: 12/07/2006 Squeeze:  Yes  No If yes, number of sacks cmt \_\_\_\_\_

\*\* Bridge Plug Depth: 6680 \*\* Sacks cement on top: 2 \*\* Wireline and Cement Job Summary must be attached.

FORMATION: FORT HAYS Status: ABANDONED Treatment Type: \_\_\_\_\_  
WELLBORE/COMPLETION

Treatment Date: \_\_\_\_\_ End Date: \_\_\_\_\_ Date this Formation was Completed: 05/17/1986

Perforations Top: 6690 Bottom: 6720 No. Holes: 5 Hole size: 42/100 Open Hole:

Describe the Formation Treatment, including the following: type of fluid used (gel, slickwater, etc.), type and concentration of acid used (HCl, HF, etc.), types and amounts of proppant(s) used, depth details of multiple zones, and method used to determine flowback volume.

This formation is commingled with another formation:  Yes  No

Total fluid used in treatment (bbl): \_\_\_\_\_ Max pressure during treatment (psi): \_\_\_\_\_

Total gas used in treatment (mcf): \_\_\_\_\_ Fluid density at initial fracture (lbs/gal): \_\_\_\_\_

Type of gas used in treatment: \_\_\_\_\_ Min frac gradient (psi/ft): \_\_\_\_\_

Total acid used in treatment (bbl): \_\_\_\_\_ Number of staged intervals: \_\_\_\_\_

Recycled or Reused Fluids used in treatment (bbl): 0 Flowback volume recovered (bbl): \_\_\_\_\_

Fresh water used in treatment (bbl): \_\_\_\_\_ Disposition method for flowback: \_\_\_\_\_

Total proppant used (lbs): \_\_\_\_\_

Fracture stimulations must be reported on FracFocus.org

Test Information:

Hours: Bbl oil: Mcf Gas: Bbl H2O:
Date: Calculated 24 hour rate: Bbl oil: Mcf Gas: Bbl H2O: GOR:
Test Method: Casing PSI: Tubing PSI: Choke Size:
Gas Disposition: Gas Type: Btu Gas: API Gravity Oil:
Tubing Size: Tubing Setting Depth: Tbg setting date: Packer Depth:
Reason for Non-Production: CIBP set at 6680' with 2 sxs cmt ahead of Niobrara re-frac and re-complete in 2006.
Date formation Abandoned: 12/07/2006 Squeeze: Yes No If yes, number of sacks cmt
\*\* Bridge Plug Depth: 6680 \*\* Sacks cement on top: 2 \*\* Wireline and Cement Job Summary must be attached.

FORMATION: NIOBRARA-FT HAYS-CODELL Status: COMMINGLED Treatment Type:
Treatment Date: End Date: Date this Formation was Completed: 05/17/1986
Perforations Top: 6428 Bottom: 6728 No. Holes: 72 Hole size: 42/100 Open Hole:

Describe the Formation Treatment, including the following: type of fluid used (gel, slickwater, etc.), type and concentration of acid used (HCl, HF, etc.), types and amounts of proppant(s) used, depth details of multiple zones, and method used to determine flowback volume.

This formation is commingled with another formation: Yes No
Total fluid used in treatment (bbl): Max pressure during treatment (psi):
Total gas used in treatment (mcf): Fluid density at initial fracture (lbs/gal):
Type of gas used in treatment: Min frac gradient (psi/ft):
Total acid used in treatment (bbl): Number of staged intervals:
Recycled or Reused Fluids used in treatment (bbl): Flowback volume recovered (bbl):
Fresh water used in treatment (bbl): Disposition method for flowback:
Total proppant used (lbs):

Fracture stimulations must be reported on FracFocus.org

Test Information:

Hours: Bbl oil: Mcf Gas: Bbl H2O:
Date: Calculated 24 hour rate: Bbl oil: Mcf Gas: Bbl H2O: GOR:
Test Method: Casing PSI: Tubing PSI: Choke Size:
Gas Disposition: Gas Type: Btu Gas: API Gravity Oil:
Tubing Size: Tubing Setting Depth: Tbg setting date: 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.

FORMATION: NIOBRARA Status: TEMPORARILY ABANDONED Treatment Type:
Treatment Date: End Date: Date this Formation was Completed: 05/17/1986
Perforations Top: 6428 Bottom: 6635 No. Holes: 63 Hole size: 42/100 Open Hole:

Describe the Formation Treatment, including the following: type of fluid used (gel, slickwater, etc.), type and concentration of acid used (HCl, HF, etc.), types and amounts of proppant(s) used, depth details of multiple zones, and method used to determine flowback volume.

Describe the Formation Treatment, including the following: type of fluid used (aer. slickwater, etc.), type and concentration of acid used (HCl).

\_\_\_\_\_

This formation is commingled with another formation:  Yes  No

Total fluid used in treatment (bbl): \_\_\_\_\_ Max pressure during treatment (psi): \_\_\_\_\_  
 Total gas used in treatment (mcf): \_\_\_\_\_ Fluid density at initial fracture (lbs/gal): \_\_\_\_\_  
 Type of gas used in treatment: \_\_\_\_\_ Min frac gradient (psi/ft): \_\_\_\_\_  
 Total acid used in treatment (bbl): \_\_\_\_\_ Number of staged intervals: \_\_\_\_\_  
 Recycled or Reused Fluids used in treatment (bbl): 0 Flowback volume recovered (bbl): \_\_\_\_\_  
 Fresh water used in treatment (bbl): \_\_\_\_\_ Disposition method for flowback: \_\_\_\_\_  
 Total proppant used (lbs): \_\_\_\_\_

**Fracture stimulations must be reported on FracFocus.org**

**Test Information:**

Hours: \_\_\_\_\_ Bbl oil: \_\_\_\_\_ Mcf Gas: \_\_\_\_\_ Bbl H2O: \_\_\_\_\_  
 Calculated 24 hour rate: Bbl oil: \_\_\_\_\_ Mcf Gas: \_\_\_\_\_ Bbl H2O: \_\_\_\_\_ GOR: \_\_\_\_\_  
 Test Method: \_\_\_\_\_ Casing PSI: \_\_\_\_\_ Tubing PSI: \_\_\_\_\_ Choke Size: \_\_\_\_\_  
 Gas Disposition: \_\_\_\_\_ Gas Type: \_\_\_\_\_ Btu Gas: \_\_\_\_\_ API Gravity Oil: \_\_\_\_\_  
 Tubing Size: \_\_\_\_\_ Tubing Setting Depth: \_\_\_\_\_ Tbg setting date: \_\_\_\_\_ Packer Depth: \_\_\_\_\_

Reason for Non-Production: CIBP set at 6392' topped with 2 sxs of cement and pressure tested to 2000 PSI for 15 Minutes, safety shut in with a 5K wellhead for Noble's SLW Ranch State B14 offset Fracs. At this time PDC plans on returning the well to production once the offset fracs have been completed.

Date formation Abandoned: 02/24/2020 Squeeze:  Yes  No If yes, number of sacks cmt \_\_\_\_\_

\*\* Bridge Plug Depth: 6392 \*\* Sacks cement on top: 2 \*\* Wireline and Cement Job Summary must be attached.

**Comment:**

This form is being submitted to not only document the Niobrara current TA status; but also to correct production reporting, well completion history, as well as the depths and number of holes on the scout card. Permitting request. This well was originally completed as Niobrara/Ft Hays/Codell in 1986, then in 2006 the Niobrara was re-frac'd, Fort Hays and Codell were abandoned on 12/7/2006, and this well has been Niobrara producing only ever since. Documentation and details of the work performed is included in these attachments. A panel of NBFHC of CM status was added just to establish that this well did produce as such originally (although it no longer does today). We also request at this time that the incorrect NB-CD panel be removed entirely from the scout card.

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: 2/18/2021 Email: valerie.danson@pdce.com

**Attachment List**

Att Doc Num	Name
402409395	FORM 5A SUBMITTED
402409396	WIRELINE JOB SUMMARY
402409397	COMPLETED INTERVAL REPORT
402409398	OPERATIONS SUMMARY
402578367	WELLBORE DIAGRAM
402578368	COMPLETED INTERVAL REPORT
402578369	OPERATIONS SUMMARY

Total Attach: 7 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Permitting review complete.	02/18/2021
Permit	Missing: NB-FH-C panel marked as commingled status. Need operator note to request removal of old, incorrect NB-CD from Scout Card. Return to draft.	02/18/2021
Permit	Well appears to have been completed in the Fort Hays. Individual formation panels (Niobrara, Codell, and Fort Hays if that formation was completed) need to be added to the form. Return to draft.	07/15/2020

Total: 3 comment(s)