

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



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Document Number:

401834198

Date Received:

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:

Email: Jenifer.Hakkarinen@pdce.com

5. API Number 05-123-21182-00

7. Well Name: NHF

8. Location: QtrQtr: NWSE Section: 21 Township: 5N Range: 63W Meridian: 6

9. Field Name: WATTENBERG Field Code: 90750

6. County: WELD

Well Number: 33-21

Completed Interval

FORMATION: J SAND	Status: TEMPORARILY ABANDONED	Treatment Type:		
Treatment Date:	End Date:	Date of First Production this formation:		
Perforations	Top: 6994	Bottom: 7050	No. Holes: 22	Hole size:
Provide a brief summary of the formation treatment:		Open Hole: <input type="checkbox"/>		
This formation is commingled with another formation:		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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 water used in treatment (bbl):		Flowback volume recovered (bbl):		
Fresh water used in treatment (bbl):		Disposition method for flowback:		
Total proppant used (lbs):		Rule 805 green completion techniques were utilized: <input type="checkbox"/>		
Reason why green completion not utilized:				

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date:	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: Plug set down hole for offset Bonanza Northe Platte 41-28 scheduled for 11/28/2018 frac at 6262'. Casing was pressure tested up to 2000' and a 5K wellhead was installed at surface all valves are shut. The two sacks of cement placed on top of the CIBP technically designates this formation as AB, however, the TA distinction was chosen because PDC intends to return this well to production upon the conclusion of the frac.

Date formation Abandoned:	09/28/2018	Squeeze:	<input type="checkbox"/> Yes <input type="checkbox"/> No	If yes, number of sacks cmt
** Bridge Plug Depth:	6262	** Sacks cement on top:	2	** 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: Reg Tech	Date:	Email: Jenifer.Hakkarinen@pdce.com

Attachment Check List

Att Doc Num	Name
401834212	WIRELINE JOB SUMMARY

Total Attach: 1 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
		Stamp Upon Approval

Total: 0 comment(s)