

State of Colorado

Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203

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DE	ET	OE	ES
Document Number: <div>401779894</div>			
Date Received: <div>12/10/2018</div>			

SUNDRY NOTICE

Submit a signed original. This form is to be used for general, technical and environmental sundry information. For proposed or completed operations, describe in full in Comments or provide as an attachment. Identify Well by API Number; identify Oil and Gas Location by Location ID Number; identify other Facility by Facility ID Number.

OGCC Operator Number: <div>69175</div>	Contact Name <div>Venessa Chase</div>	Complete the Attachment Checklist
Name of Operator: <div>PDC ENERGY INC</div>	Phone: <div>(303) 318-6102</div>	
Address: <div>1775 SHERMAN STREET - STE 3000</div>	Fax: <div>(303) 860-5838</div>	
City: <div>DENVER</div> State: <div>CO</div> Zip: <div>80203</div> Email: <div>venessa.chase@pdce.com</div>		
API Number : <div>05-1234589000</div> OGCC Facility ID Number: <div>453058</div>		Survey Plat
Well/Facility Name: <div>Challenger</div> Well/Facility Number: <div>1N</div>		Directional Survey
Location QtrQtr: <div>SEnw</div> Section: <div>8</div> Township: <div>4N</div> Range: <div>64W</div> Meridian: <div>6</div>		Srfc Eqpmt Diagram
County: <div>WELD</div> Field Name: <div>WATTENBERG</div>		Technical Info Page
Federal, Indian or State Lease Number: <div></div>		Other

OP OGCC

CHANGE OF LOCATION OR AS BUILT GPS REPORT

☒ Change of Location \*

☐ As-Built GPS Location Report

☐ As-Built GPS Location Report with Survey

\* Well location change requires new plat. A substantive surface location change may require new Form 2A.

SURFACE LOCATION GPS DATA

Data must be provided for Change of Surface Location and As Built Reports.

Latitude  PDOP Reading  Date of Measurement

Longitude  GPS Instrument Operator's Name

LOCATION CHANGE (all measurements in Feet)

Well will be: 

HORIZONTAL

 (Vertical, Directional, Horizontal)

Change of **Surface** Footage **From** Exterior Section Lines:

Change of **Surface** Footage **To** Exterior Section Lines:

Current **Surface** Location **From** QtrQtr 

SEnw

 Sec 

8

New **Surface** Location **To** QtrQtr  Sec

Change of **Top of Productive Zone** Footage **From** Exterior Section Lines:

Change of **Top of Productive Zone** Footage **To** Exterior Section Lines:

Current **Top of Productive Zone** Location **From** Sec 

8

New **Top of Productive Zone** Location **To** Sec

Change of **Bottomhole** Footage **From** Exterior Section Lines:

Change of **Bottomhole** Footage **To** Exterior Section Lines:

Current **Bottomhole** Location Sec 

7

 Twp 

4N

New **Bottomhole** Location Sec 

7

 Twp 

4N

Is location in High Density Area?

Distance, in feet, to nearest building , public road: , above ground utility: , railroad: ,  
property line: , lease line: , well in same formation: 

245

Ground Elevation  feet Surface owner consultation date

FNL/FSL		FEL/FWL	
<div>1328</div>	<div>FNL</div>	<div>2431</div>	<div>FWL</div>
<div></div>	<div></div>	<div></div>	<div></div>
Twp <div>4N</div>	Range <div>64W</div>	Meridian <div>6</div>	
Twp <div></div>	Range <div></div>	Meridian <div></div>	
<div>100</div>	<div>FNL</div>	<div>1900</div>	<div>FWL</div>
<div></div>	<div></div>	<div></div>	<div></div>
Twp <div>4N</div>	Range <div>64W</div>		
Twp <div></div>	Range <div></div>		
<div>100</div>	<div>FNL</div>	<div>500</div>	<div>FWL</div>
<div>100</div>	<div>FNL</div>	<div>150</div>	<div>FWL</div>

\*\* attach deviated drilling plan

**CHANGE OR ADD OBJECTIVE FORMATION AND/OR SPACING UNIT**

<u>Objective Formation</u>	<u>Formation Code</u>	<u>Spacing Order Number</u>	<u>Unit Acreage</u>	<u>Unit Configuration</u>
NIOBRARA	NBRR	407-2667	1040	Sec. 5, 6, 7, 8

**OTHER CHANGES**

☐ **REMOVE FROM SURFACE BOND** Signed surface use agreement is a required attachment

☐ **CHANGE OF WELL, FACILITY OR OIL & GAS LOCATION NAME OR NUMBER**

From: Name CHALLENGER Number 1N Effective Date: \_\_\_\_\_

To: Name \_\_\_\_\_ Number \_\_\_\_\_

☐ **ABANDON PERMIT: Permit can only be abandoned if the permitted operation has NOT been conducted. Field inspection will be conducted to verify site status.**

☐ WELL: Abandon Application for Permit-to-Drill (Form2) – Well API Number \_\_\_\_\_ has not been drilled.

☐ PIT: Abandon Earthen Pit Permit (Form 15) – COGCC Pit Facility ID Number \_\_\_\_\_ has not been constructed (Permitted and constructed pit requires closure per Rule 905)

☐ CENTRALIZED E&P WASTE MANAGEMENT FACILITY: Abandon Centralized E&P Waste Management Facility Permit (Form 28) – Facility ID Number \_\_\_\_\_ has not been constructed (Constructed facility requires closure per Rule 908)

OIL & GAS LOCATION ID Number: \_\_\_\_\_

☐ Abandon Oil & Gas Location Assessment (Form 2A) – Location has not been constructed and site will not be used in the future.

☐ Keep Oil & Gas Location Assessment (Form 2A) active until expiration date. This site will be used in the future.

**Surface disturbance from Oil and Gas Operations must be reclaimed per Rule 1003 and Rule 1004.**

☐ **REQUEST FOR CONFIDENTIAL STATUS**

☐ **DIGITAL WELL LOG UPLOAD**

☐ **DOCUMENTS SUBMITTED** Purpose of Submission: \_\_\_\_\_

**RECLAMATION****INTERIM RECLAMATION**

☐ Interim Reclamation will commence approximately \_\_\_\_\_

Per Rule 1003.e.(3) operator shall submit Sundry Notice reporting interim reclamation is complete and site is ready for inspection when vegetation reaches 80% coverage.

☐ Interim reclamation complete, site ready for inspection.

Per Rule 1003.e(3) describe interim reclamation procedure in Comments below or provide as an attachment and attach required location photographs.

**Field inspection will be conducted to document Rule 1003.e. compliance**

**FINAL RECLAMATION**

☐ Final Reclamation will commence approximately \_\_\_\_\_

Per Rule 1004.c.(4) operator shall submit Sundry Notice reporting final reclamation is complete and site is ready for inspection when vegetation reaches 80% coverage.

☐ Final reclamation complete, site ready for inspection. Per Rule 1004.c(4) describe final reclamation procedure in Comments below or provide as an attachment.

**Field inspection will be conducted to document Rule 1004.c. compliance**

Comments:

#### ENGINEERING AND ENVIRONMENTAL WORK

##### ☐ NOTICE OF CONTINUED TEMPORARILY ABANDONED STATUS

Indicate why the well is temporarily abandoned and describe future plans for utilization in the COMMENTS box below or provide as an attachment, as required by Rule 319.b.(3).

Date well temporarily abandoned \_\_\_\_\_ Has Production Equipment been removed from site? \_\_\_\_\_

Mechanical Integrity Test (MIT) required if shut in longer than 2 years. Date of last MIT \_\_\_\_\_

☐ SPUD DATE: \_\_\_\_\_

#### TECHNICAL ENGINEERING AND ENVIRONMENTAL WORK

Details of work must be described in full in the COMMENTS below or provided as an attachment.

☒ NOTICE OF INTENT Approximate Start Date 01/15/2019

☐ REPORT OF WORK DONE Date Work Completed \_\_\_\_\_

- |  |   |  |
|--|---|--|
| <input type="checkbox"/> Intent to Recomplete (Form 2 also required) | <input type="checkbox"/> Request to Vent or Flare   | <input type="checkbox"/> E&P Waste Mangement Plan      |
| <input checked="" type="checkbox"/> Change Drilling Plan             | <input type="checkbox"/> Repair Well  | <input type="checkbox"/> Beneficial Reuse of E&P Waste |
| <input type="checkbox"/> Gross Interval Change                       | <input type="checkbox"/> Rule 502 variance requested. Must provide detailed info regarding request. |  |
| <input type="checkbox"/> Other _____                                 | <input type="checkbox"/> Status Update/Change of Remediation Plans for Spills and Releases          |  |

COMMENTS:

Revised OWE Attached.

#### CASING AND CEMENTING CHANGES

Casing Type	Size	Of	/	Hole	Size	Of	/	Casing	Wt/Ft	Csg/LinTop	Setting Depth	Sacks of Cement	Cement Bottom	Cement Top
Surface String	12	1		4	9	5		8	36	0	1600	920	1600	0
First String	8	1		2	5	1		2	20	0	14165	2035	14165	0

#### H2S REPORTING

Data Fields in this section are intended to document Sample and Location Data associated with the collection of a Gas Sample that is submitted for Laboratory Analysis.

Gas Analysis Report must be attached.

H2S Concentration: \_\_\_\_\_ in ppm (parts per million) Date of Measurement or Sample Collection \_\_\_\_\_

Description of Sample Point:

Absolute Open Flow Potential \_\_\_\_\_ in CFPD (cubic feet per day)

Description of Release Potential and Duration (If flow is not open to the atmosphere, identify the duration in which the container or pipeline would likely be opened for servicing operations.):

Distance to nearest occupied residence, school, church, park, school bus stop, place of business, or other areas where the public could reasonably be expected to frequent: \_\_\_\_\_

Distance to nearest Federal, State, County, or municipal road or highway owned and principally maintained for public use: \_\_\_\_\_

COMMENTS:

### **Best Management Practices**

**No BMP/COA Type**

**Description**

#### **Operator Comments:**

This sundry is being submitted to revise the Bottom Hole Footages and Spacing Unit. DSU boundary T4N-R64W: Section 5: S2S2SW, Section 6: S2S2S2, Section 7: N2, N2S2, S2SE, SESW, Section 8: W2, 1040 Acres. DSU Application is set for October hearing. PDC requests WBSU be vacated upon DSU approval.  
Distance from completed portion of proposed wellbore to nearest completed portion of offset wellbore permitted or completed in the same formation has been updated to include only wells within the DSU.  
Distance from completed portion of wellbore to nearest unit boundary is 150'.

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

Signed: \_\_\_\_\_ Print Name: Venessa Chase  
Title: Regulatory Supervisor Email: venessa.chase@pdce.com Date: 12/10/2018

Based on the information provided herein, this Sundry Notice (Form 4) complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved: Wolfe, Stephen Date: 12/10/2018

**CONDITIONS OF APPROVAL, IF ANY:**

<b>COA Type</b>	<b>Description</b>
	In the Form 5A comments, operator will (1) certify that this well has no treated interval within 150' of the treated interval of another operator's well for which a signed Stimulation Setback Consent was not obtained, (2) provide the following information for all other operator's offset wells without consent that have a treated interval within 150' of this as-drilled wellbore: well name and API number, depth of the perforation in this well nearest to the treated interval of the offset well, and the distance between the wells at that depth, and (3) address the wells listed below as either (a) obtained consent or (b) treated interval more than 150' away from this as-drilled wellbore. Lower Latham PC G12-69HN (API 123-33583)
	This Form 4 makes changes to the approved Form 2 and must be displayed with the Form 2 while drilling.
	Operator acknowledges the proximity of the following non-operated listed wells: Operator agrees to: provide mitigation option 1 or 2 (per the DJ Basin Horizontal Offset Policy) to mitigate the situation, ensure all applicable documentation is submitted based on the selected mitigation option chosen, and submit a Form 42 ("OFFSET MITIGATION COMPLETED") for the remediated wells, referencing the API number of the proposed horizontal well(s) stating what appropriate mitigation occurred and that it has been completed, prior to the hydraulic stimulation of this well. SALLEE 1 (API 05-123-10733)

**General Comments**

<b>User Group</b>	<b>Comment</b>	<b>Comment Date</b>
Engineer	RTD for operator to complete the caing table. Updated TD in well update.	12/10/2018
Engineer	317.r Lower Latham PC G12-69HN (API 123-33583) 317.s No additional wells within 150'.	12/10/2018
Engineer	BHL of the Lower Latham PC G12-69HN is within 150' of Challenger 1N BH, however the completed interval is not.	12/10/2018
Permit	Permitting review complete and task passed. The following changes were made with Operator concurrence: - added new Spacing Order Number "407-2667" and "Unit Configuration" to "Sec. 5, 6, 7, 8" from "DSU"	11/15/2018
Permit	Returned to Draft for: - missing WELL LOCATION PLAT	11/15/2018

Total: 5 comment(s)

**Attachment Check List**

<b>Att Doc Num</b>	<b>Name</b>
401779894	SUNDRY NOTICE APPROVED-LOC-OBJ-DRLG-CSG
401779935	DIRECTIONAL DATA
401779937	DEVIATED DRILLING PLAN
401779938	OFFSET WELL EVALUATION
401840918	WELL LOCATION PLAT
401867264	FORM 4 SUBMITTED

Total Attach: 6 Files