

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: <u>400959604</u> | | | |
| Date Received: <u>01/18/2016</u> | | | |

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: <u>69175</u> | Contact Name <u>Kelsi Welch</u> |
| Name of Operator: <u>PDC ENERGY INC</u> | Phone: <u>(303) 831-3974</u> |
| Address: <u>1775 SHERMAN STREET - STE 3000</u> | Fax: <u>()</u> |
| City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80203</u> | Email: <u>kelsi.welch@pdce.com</u> |

| | |
|--|--|
| API Number : <u>05-</u> <u>123</u> <u>39542</u> <u>00</u> | OGCC Facility ID Number: <u>437425</u> |
| Well/Facility Name: <u>Schneider</u> | Well/Facility Number: <u>19Q-312</u> |
| Location QtrQtr: <u>SWSE</u> Section: <u>19</u> Township: <u>5N</u> Range: <u>64W</u> Meridian: <u>6</u> | |
| County: <u>WELD</u> Field Name: <u>WATTENBERG</u> | |
| Federal, Indian or State Lease Number: _____ | |

Complete the Attachment
Checklist

OP OGCC

| | | |
|---------------------|--|--|
| Survey Plat | | |
| Directional Survey | | |
| Srvc Eqpmt Diagram | | |
| Technical Info Page | | |
| Other | | |

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 SWSE Sec 19

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 19

New **Top of Productive Zone** Location **To** Sec 19

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

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

Current **Bottomhole** Location Sec 20 Twp 5N

New **Bottomhole** Location Sec 21 Twp 5N

Is location in High Density Area? _____

Distance, in feet, to nearest building _____, public road: _____, above ground utility: _____, railroad: _____,

property line: _____, lease line: 0, well in same formation: 121

Ground Elevation _____ feet Surface owner consultation date _____

| FNL/FSL | | FEL/FWL | |
|---------------|------------------|-------------------|---------------|
| <u>409</u> | <u>FSL</u> | <u>1547</u> | <u>FEL</u> |
| _____ | _____ | _____ | _____ |
| Twp <u>5N</u> | Range <u>64W</u> | Meridian <u>6</u> | |
| Twp _____ | Range _____ | Meridian _____ | |
| <u>479</u> | <u>FSL</u> | <u>1026</u> | <u>FEL</u> |
| <u>473</u> | <u>FSL</u> | <u>1031</u> | <u>FEL</u> ** |
| Twp <u>5N</u> | Range <u>64W</u> | | |
| Twp <u>5N</u> | Range <u>64W</u> | | |
| <u>405</u> | <u>FSL</u> | <u>500</u> | <u>FEL</u> |
| <u>356</u> | <u>FSL</u> | <u>2396</u> | <u>FEL</u> ** |

** 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 | | 720 | GWA |

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 SCHNEIDER Number 19Q-312 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 12/23/2015

☐ REPORT OF WORK DONE Date Work Completed _____

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

COMMENTS:

New PSU: Section 19: S2SE; Section 20: S2S2; Section 21: S2SW, SWSE; Section 28: NWNW, N2NW; Section 29: N2N2; Section 30: N2NE in T5n R64W

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 | 875 | 830 | 875 | 0 |
| First String | 8 | 3 | | 4 | 7 | | | | 26 | 0 | 7261 | 650 | 7261 | 0 |
| 1ST LINER | 6 | 1 | | 8 | 4 | 1 | | 2 | 13.5 | 6055 | 16469 | | | |

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

| | | |
|---|--------------------------------|---|
| 1 | Drilling/Completion Operations | One of the first wells drilled on the pad will be logged with Cased hole Pulsed Neutron Log with Gamma Ray Log from TD into the surface casing. All wells on the pad will have a cement bond log with gamma-ray run on production casing (or on intermediate casing if production liner is run) into the surface casing. The horizontal portion of every well will be logged with a measured while-drilling gamma-ray log. The Form 5, Completion Report, for each well on the pad will list all logs run in that well and have those logs attached. The Form 5 for each well shall clearly state "No open-hole logs were run" and shall reference the Rule 317.p Exception granted for the well. |
|---|--------------------------------|---|

Total: 1 comment(s)

Operator Comments:

The changes made were to the entry and BHL footages and PSU.

The Schneider 19Q-312 will have a treated interval less than 150' from the treated interval of the Ivan Klein 20-2. All wells are owned by PDC Energy, Inc. so no stimulation setback consent is needed.

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

Signed: _____ Print Name: Kelsi Welch
Title: Regulatory Analyst Email: kelsi.welch@pdce.com Date: 1/18/2016

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

COGCC Approved: JENKINS, STEVE Date: 1/29/2016

CONDITIONS OF APPROVAL, IF ANY:**COA Type****Description**

| | |
|--|--|
| | |
|--|--|

General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|--------------------------|--|----------------------------|
| Permit | Added 317.p BMP per operator approval. Permit task passed. | 1/27/2016 12:20:14 PM |
| Permit | Unit description matches pooling application. | 1/19/2016 11:54:58 AM |
| Permit | Waiting on operator to confirm nearest well completed/permitted in the same formation in addition to providing a new distance. | 1/19/2016 11:19:44 AM |
| Permit | Returned to draft for operator to attach well location plat. | 1/6/2016 11:58:53 AM |

Total: 4 comment(s)

Attachment Check List

| <u>Att Doc Num</u> | <u>Name</u> |
|---------------------------|------------------------|
| 400959604 | FORM 4 SUBMITTED |
| 400959610 | DEVIATED DRILLING PLAN |
| 400959611 | DIRECTIONAL DATA |
| 400972860 | WELL LOCATION PLAT |
| 400972861 | PROPOSED SPACING UNIT |
| 400972865 | OFFSET WELL EVALUATION |

Total Attach: 6 Files