

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109



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Document Number:

400511249

Date Received:

11/12/2013

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: | 69175 | Contact Name | Christine Brookshire |
| Name of Operator: | PDC ENERGY INC | Phone: | (303) 860-5800 |
| Address: | 1775 SHERMAN STREET - STE 3000 | Fax: | (303) 860-5830 |
| City: | DENVER | State: | CO |
| Zip: | 80203 | Email: | christine.brookshire@pdce.com |

Complete the Attachment Checklist

OP OGCC

| | | | | | | |
|--|----------------|-------------|--------------|-------------------|--------------------------|---------------|
| API Number : | 05- | <u>123</u> | <u>12066</u> | <u>00</u> | OGCC Facility ID Number: | <u>244272</u> |
| Well/Facility Name: | <u>MEINING</u> | | | | Well/Facility Number: | <u>1</u> |
| Location | QtrQtr: | <u>SENE</u> | Section: | <u>30</u> | Township: | <u>4N</u> |
| | | | | | Range: | <u>66W</u> |
| | | | | | Meridian: | <u>6</u> |
| County: | <u>WELD</u> | | Field Name: | <u>WATTENBERG</u> | | |
| Federal, Indian or State Lease Number: | | | | <u>68908</u> | | |

| | | |
|---------------------|--|--|
| 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: (Vertical, Directional, Horizontal)

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

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

Current **Surface** Location **From** QtrQtr **SENE** Sec 30

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

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 Twp

New **Bottomhole** Location Sec Twp

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: _____

Ground Elevation feet Surface owner consultation date

| FNL/FSL | | FEL/FWL | |
|---------|-----------|----------------------------------|-----|
| 1980 | FNL | 720 | FEL |
| | | | |
| Twp 4N | Range 66W | Meridian 6 | |
| Twp | Range | Meridian | |
| | | | ** |
| | | | |
| Twp | Range | | |
| Twp | Range | | |
| | | | |
| | | | ** |
| Range | | ** attach deviated drilling plan | |
| Range | | | |

** 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> |
|----------------------------|-----------------------|-----------------------------|---------------------|---------------------------|
| | | | | |

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 MEINING Number 1 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 12/01/2013

☐ 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 type="checkbox"/> Change Drilling Plan | <input checked="" 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:

It is our intent to place cement in annulars to adequately cover and isolate any productive formations and ground water zones cement Codell and Niobrara formations in this well. This well was previously permitted and completed in the Codell and/or Niobrara formations (NB-CD), and as a result no additional permitting is required for gross perforated interval change. In the process of this operation it is PDC's intent to do some remedial cementing of the production casing. We have consulted the COGCC's engineering manager, Stuart Ellsworth, and prepared a workover procedure intended for this well as follows:

- MIRU
- ND production equipment
- NU BOP
- TIH clean out to PBTD with bit and scraper
- TOO H laydown bit and scraper, pickup up packer
- TIH and set packer above top of perforations
- Pressure test casing to 5,000 psi (Maximum treating pressure for frac operations)
- TOO H with packer and laydown.
- ND casing hanger and unseat casing
- TIH (annulus) with 1 1/8" workstring and tag TOC
- Place cement in annulars to adequately cover and isolate any productive formations and ground water zones
- NU casing hanger and reseat casing
- Run new CBL to be submitted to state

In the event the casing does not pressure test, then we will hunt the holes in the casing and repair prior to completeing annular cementing.

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

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 | Planning | Offset Option #1. The existing well is to remain. Per policy, we will cement to adequately cover and isolate any potential formations and all ground water zones. |
|---|----------|---|

Total: 1 comment(s)

Operator Comments:

This Sundry is for Offset Option #1.

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

Signed: _____ Print Name: Christine Brookshire
Title: Regulatory Tech Email: christine.brookshire@pdce.com Date: 11/12/2013

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: 11/20/2013

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

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

General Comments**User Group****Comment****Comment Date**

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

Total: 0 comment(s)

Attachment Check List**Att Doc Num****Name**

| | |
|-----------|------------------|
| 400511249 | FORM 4 SUBMITTED |
|-----------|------------------|

Total Attach: 1 Files