

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: 2141358			
Date Received: 05/19/2014			

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 Brandon Bruns
 Name of Operator: PDC ENERGY INC Phone: (303) 831-3971
 Address: 1775 SHERMAN STREET - STE 3000 Fax: (303) 860-5838
 City: DENVER State: CO Zip: 80203 Email: brandon.bruns@pdce.com

Complete the Attachment
Checklist

OP OGCC

API Number : 05- 123 14501 00 OGCC Facility ID Number: 246704
 Well/Facility Name: WELLS TRUST Well/Facility Number: 14-21
 Location QtrQtr: SWSW Section: 21 Township: 6N Range: 64W Meridian: 6
 County: WELD Field Name: WATTENBERG
 Federal, Indian or State Lease Number: 67758

Survey Plat		
Directional Survey		
Srfc 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 SWSW Sec 21

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	
<input type="text" value="660"/>	<input type="text" value="FSL"/>	<input type="text" value="470"/>	<input type="text" value="FWL"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Twp <input type="text" value="6N"/>	Range <input type="text" value="64W"/>	Meridian <input type="text" value="6"/>	
Twp <input type="text"/>	Range <input type="text"/>	Meridian <input type="text"/>	
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="**"/>
Twp <input type="text"/>	Range <input type="text"/>		
Twp <input type="text"/>	Range <input type="text"/>		
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="**"/>
Twp <input type="text"/>	Range <input type="text"/>		
Twp <input type="text"/>	Range <input type="text"/>		

** attach deviated drilling plan

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 _____

REPORT OF WORK DONE Date Work Completed 10/31/2013

<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 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 checked="" type="checkbox"/> Other <u>Remediation Complete</u>	<input type="checkbox"/> Status Update/Change of Remediation Plans for Spills and Releases	

COMMENTS:

A condensate release was discovered on March 30, 2010 at the Wells Trust 13, 14, 24-21 (API #123-14501, Spill Tracking #2213394, Remediation #6119) tank battery. The facility is located in the NWSW Quarter of Section 21, Township 6 North, and Range 64 West, as illustrated on Figure 1. Between March 31, 2010 and April 1, 2010, PDC contracted LT Environmental (LTE) to conduct excavation activities in the release area. ~235 cu yds of impacted soil were removed and transported to the Waste Mangement Facility in Ault, Colorado under PDC waste manifests. Petroleum hydrocarbon impacts in soil were successfully mitigated within the excavation area. However, analytical ersults indicated that the groundwater sample (GW01) collected from the excavation area exhibited benzene concentrations in exceedance of COGCC Table 910-1 groundwater standards. Soil and groundwater sample locations within excavation area are illustrated on Figure 2. Soil analytical data is summarized in Table 1. Between December 30, 2010 and March 28, 2011, five temporary monitoring wells were installed for monitoring and remediation purposes, as illustrated on Figure 3. Quarterly groundwater monitoring commenced during the first quarter 2011 and samples were submitted for lab analysis of benzene, toluene, ethylbenzene, and BTEX. Groundwater analytical results are summarized in Table 2. Monitored natural attenuation was selected as the remedial strategy to address residual dissolved phase hydrocarbon concentrations. In January 2013, Tasman Geosciences (Tasman) inherited site-wide quarterly groundwater monitoring and remediation activities from LTE. During the fourth quarter 2013, four consecutive quarters of constituent concentrations in compliance COGCC regulatory standards werw achieved. Monitoring well MW02 was damaged and could not be sampled during the third and fourth quarters 2013. However, BTEX concentrations were below lab detection limits for ten consecutive quarters between first quarter 2011 and second quarter 2013. Groundwater analytical results from the third and fourth quarters 2013 are illustrated on Figure 3. Based on the groundwater analytical results described herein, residual petroleum hydrocarbon concentrations in groundwater were successfully mitigated. Consequently, PDC is requesting a No Further ACtion determination for this site.

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:

<u>Best Management Practices</u>	
<u>No BMP/COA Type</u>	<u>Description</u>

Operator Comments:

[Empty box for Operator Comments]

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

Signed: _____ Print Name: Brandon Brunns
Title: EHS Professional Email: brandon.brunns@pdce.com Date: 5/19/2014

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

COGCC Approved: ALLISON, RICK Date: 6/18/2014

CONDITIONS OF APPROVAL, IF ANY:

<u>COA Type</u>	<u>Description</u>

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Environmental	Based on review of information presented in this Sundry Notice and attachments, it appears that no further action is necessary at this time, and COGCC approves the closure request. However, should future conditions at the site indicate contaminant concentrations in soil exceeding COGCC standards or if ground water is found to be significantly impacted, then further investigation and/or remediation activities may be required at the site. The Spill report #2213394 and remediation project #6119 have been changed to closed status in the Colorado Oil & Gas Information System.	6/18/2014 10:51:24 AM
Environmental	Form 4 NFA Request for Remediation Project 6119 is in review by environmental staff.	6/13/2014 2:16:07 PM

Total: 2 comment(s)

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
2141358	FORM 4 SUBMITTED

Total Attach: 1 Files