

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: 400949470			
Date Received: 12/08/2015			

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>10456</u>	Contact Name <u>Jake Janicek</u>
Name of Operator: <u>CAERUS PICEANCE LLC</u>	Phone: <u>(970) 285-9606</u>
Address: <u>600 17TH STREET #1600N</u>	Fax: <u>(970) 285-9619</u>
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u>	Email: <u>jjanicek@caerusoilandgas.com</u>

Complete the Attachment
Checklist

OP OGCC

API Number : 05- <u>045</u> <u>13796</u> <u>00</u>	OGCC Facility ID Number: <u>289533</u>
Well/Facility Name: <u>UNCOAL-ENCANA</u>	Well/Facility Number: <u>13D-16D</u>
Location QtrQtr: <u>NESE</u> Section: <u>17</u> Township: <u>6S</u> Range: <u>96W</u> Meridian: <u>6</u>	
County: <u>GARFIELD</u> Field Name: <u>GRAND VALLEY</u>	
Federal, Indian or State Lease Number: _____	

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 NESE Sec 17

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 16

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 16 Twp 6S

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	
<u>1372</u>	<u>FSL</u>	<u>223</u>	<u>FEL</u>
_____	_____	_____	_____
Twp <u>6S</u>	Range <u>96W</u>	Meridian <u>6</u>	
Twp _____	Range _____	Meridian _____	
<u>1689</u>	<u>FSL</u>	<u>709</u>	<u>FWL</u>
_____	_____	_____	_____
Twp <u>6S</u>	Range <u>96W</u>		
Twp _____	Range _____		
<u>1689</u>	<u>FSL</u>	<u>709</u>	<u>FWL</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>

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 UNCOAL-ENCANA Number 13D-16D 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 _____

☐ 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 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:

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: 4800 in ppm (parts per million) Date of Measurement or Sample Collection 10/16/2015

Description of Sample Point:

Sample was collected from the tubing on the wellhead. Sampler was wearing a self-contained breathing apparatus while collecting the sample.

Absolute Open Flow Potential 64000 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.):

This wellhead does not flow to the atmosphere during normal operation. The only instance that it is open to the atmosphere is when de-liquefying the well. The exact duration cannot be stated because it depends on the volume of liquid in the well.

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: 3830 FEET

Distance to nearest Federal, State, County, or municipal road or highway owned and principally maintained for public use: 490 FEET

COMMENTS:

Best Management Practices

No BMP/COA Type

Description

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Operator Comments:

This elevated concentration of hydrogen sulfide was the result of a downhole acid treatment project. When the operator began flowing the well after the treatment was completed, he immediately detected hydrogen sulfide in the gas stream. Well flow was suspended and the wellhead was locked in the closed position. A member of our hydrogen sulfide mitigation team assessed the well and decided to further treat the well with a hydrogen sulfide scavenger. The well was not allowed to flow until the hydrogen sulfide concentrations decreased to allowable levels. Within days, the concentration decreased to 0.3 parts per million and flow resumed.

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

Signed: _____ Print Name: Jake Janicek
Title: EHS Professional Email: jjanicek@caerusoilandgas.com Date: 12/8/2015

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

COGCC Approved: ANDREWS, DAVE Date: 3/29/2016

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

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General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Per operator, changed absolute open flow potential to 64,000 cfpd and attached provided emergency workover plan. Radius of exposure calculated as 57 feet for 100 ppm. Revised distances to public place to 3830' and road to 490'.	3/29/2016 8:53:13 AM
Engineer	Held for review. Craig Burger to check with operator on AOFD calculation and distances to public/road.	1/12/2016 5:00:29 PM
Engineer	Kirby Wynn (Garfield County, O&G Liason) said that he was notified of this by the operator on Oct. 28, 2015. Initial H2S notification from operator to COGCC (email, dated Oct. 28, 2015) scanned to the well-file as CORRESPONDENCE (doc # 2122279).	12/10/2015 1:31:38 PM
Engineer	No documentation in well file of initial notice. Added engineering supervisor review task.	12/9/2015 8:58:03 AM
Environmental Data	The H2S data provided by the operator has been entered in the COENV database. Concentration exceeded 100 ppm in gas stream and Radius of Exposure calculation was not provided.	12/8/2015 12:49:07 PM

Total: 5 comment(s)

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400949470	FORM 4 SUBMITTED
400949671	GAS ANALYSIS REPORT
401016694	H2S CONTINGENCY PLAN

Total Attach: 3 Files