

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203
Phone: (303) 894-2100 Fax: (303) 894-2109



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Date Received:			

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: 10456 Contact Name Natalie Pivik
 Name of Operator: CAERUS PICEANCE LLC Phone: (720) 505-6080
 Address: 1001 17TH STREET #1600 Fax: ()
 City: DENVER State: CO Zip: 80202 Email: npivik@caerusoilandgas.com

Complete the Attachment
Checklist

OP OGCC

API Number : 05- 045 14735 00 OGCC Facility ID Number: 292482
 Well/Facility Name: 596-33C Well/Facility Number: 14
 Location QtrQtr: SWSW Section: 33 Township: 5S Range: 96W Meridian: 6
 County: GARFIELD Field Name: GRAND VALLEY
 Federal, Indian or State Lease Number: _____

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 33

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 33

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 33 Twp 5S

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>223</u>	<u>FSL</u>	<u>1308</u>	<u>FWL</u>
_____	_____	_____	_____
Twp <u>5S</u>	Range <u>96W</u>	Meridian <u>6</u>	
Twp _____	Range _____	Meridian _____	
<u>1465</u>	<u>FSL</u>	<u>749</u>	<u>FWL</u>
_____	_____	_____	_____
Twp <u>5S</u>	Range <u>96W</u>		
Twp _____	Range _____		
<u>1465</u>	<u>FSL</u>	<u>749</u>	<u>FWL</u>
_____	_____	_____	_____
Twp <u>5S</u>	Range <u>96W</u>		
Twp _____	Range _____		

**

**

** 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 04/23/2018

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:

Caerus Oil and Gas would like to run and cement 3.5" FJ liner in the existing 4.5" 11.6# P110 production casing in an effort to complete the wellbore. The 596-33C-14 was drilled in October of 2008 by Marathon Oil Company. The well has been waiting on completion since that time. Casing was tested to frac pressure on 11/21/2017 and failed. Further testing indicated multiple holes throughout the well: 3033-3041', 5373-5415', and multiple points from 6044-9930'. CBL ran 12/21/2008 shows a top of cement at 2680'; all confirmed integrity issues have been found below that top. In order to achieve integrity and yield strengths high enough for the proposed frac design, Caerus requests permission to run 3.5" 9.2# Liberty FJ L80 pipe to PBSD (9930') and cement it in place. The hydraulic fracture treatment would be pumped down the 3.5" string with perforations penetrating both the 3.5" and 4.5" casing strings. Cement design for the 3.5" is as follows: 86sks of 12.7ppg Lead, 19sks 13.5ppg Tail, with the option of 200sks of 12.0ppg Top Out cement. A temperature survey will be run after the primary job to determine top of cement and to help refine the top out design. Once the 3.5" liner is cemented, frac operations can commence. Caerus would like to start the 3.5" work on 4/23/2018, with frac operations to start 5/12/2018.

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
Second String	4	1		2	3	1		5	9.2	0	9930	305	9930	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:

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

Operator Comments:

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

Signed: _____ Print Name: Natalie Pivik
Title: Completions Engineer Email: npivik@caerusoilandgas.com Date: _____

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

COGCC Approved: _____ Date: _____

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>
		Stamp Upon Approval

Total: 0 comment(s)

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>

Total Attach: 0 Files