

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: 402653322			
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 Brett Middleton
 Name of Operator: CAERUS PICEANCE LLC Phone: (970) 285.2739
 Address: 1001 17TH STREET #1600 Fax: ()
 City: DENVER State: CO Zip: 80202 Email: bmiddleton@caerusoilandgas.com

Complete the Attachment
Checklist

OP OGCC

API Number : 05- 045 14366 00 OGCC Facility ID Number: 291406
 Well/Facility Name: N. PARACHUTE Well/Facility Number: CP08A-05 A05 59
 Location QtrQtr: NENE Section: 5 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 _____ GPS Quality Value: _____ Type of GPS Quality Value: _____ Measurement Date: _____
 Longitude _____

LOCATION CHANGE (all measurements in Feet)

Well will be: _____ (Vertical, Directional, Horizontal)

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

	FNL/FSL		FEL/FWL
	470	FNL	499

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

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Current **Surface** Location **From** QtrQtr NENE Sec 5

Twp	<u>5S</u>	Range	<u>96W</u>	Meridian	<u>6</u>
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New **Surface** Location **To** QtrQtr _____ Sec _____

Twp		Range		Meridian	
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Change of **Top of Productive Zone** Footage **From** Exterior Section Lines:

	1629	FNL	315	FEL
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Change of **Top of Productive Zone** Footage **To** Exterior Section Lines:

				**
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Current **Top of Productive Zone** Location **From** Sec 5

Twp	<u>5S</u>	Range	<u>96W</u>
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New **Top of Productive Zone** Location **To** Sec _____

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

	1629	FNL	315	FEL
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Change of **Bottomhole** Footage **To** Exterior Section Lines:

				**
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Current **Bottomhole** Location Sec 5 Twp 5S Range 96W

** attach deviated drilling plan

New **Bottomhole** Location Sec _____ Twp _____ Range _____

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 _____

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 11/10/2014

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

COMMENTS:

Steven,

I have prepared this Form to provide you with an update and request guidance concerning two historical spill projects that needs to be addressed under the new rules. The projects are associated with the A05 Well Pad (COGCC Location ID 291406) and the attached Form 19 Documents # 2221811 & 2229908.

Form 19 # 2221811 details a 20 barrel (bbl) produced water release caused by a water line failure during transfer operations on 11/19/2011. Remedial excavation was conducted on 11/21/2011. Confirmation soil samples were collected from the excavation and analyzed for COGCC Table 910-1 constituents. Laboratory results of excavation samples indicated an SAR result of 65 and an arsenic concentration of 8.6 milligrams per kilogram (mg/kg). The SAR exceedance was observed at 7 feet below ground surface, below the vegetative root zone. All other analytes were compliant with COGCC Table 910-1 Concentration Levels.

Form 19 # 2229908 details a five (5) bbl produced water release caused by a water line failure due to corrosion on 06/11/2012. The Form 19 states that free liquids were recovered, and visually impacted soil was removed from the pipeline trench. There is no available sampling data associated with this release.

On 11/10/2014 another release occurred (Document #400729476) that spilled an additional 10 bbl of produced water In the same general area as the previously mentioned spills. Remediation and sampling operations were conducted during the pipeline repair process. Approximately 110 yards of impacted soil were transported off location for disposal. Laboratory results of excavation confirmation samples indicated compliance with COGCC Table 910-1 Concentration Levels ad this spill was subsequently closed by the COGCC.

Additionally, seven (7) COGCC Field Inspections have been conducted and documented at this location since the occurrence of the first spill on 11/19/2011. None of these inspections have noted any evidence or potential impacts associated with these releases.

Based on the initial response to both releases, laboratory results from the collected grab samples, removal of the 110 yards of impacted soil from the release areas during remediation efforts for the 11/10/2014 release, and satisfactory results from all COGCC inspections since 2014, there is sufficient evidence that both spills have been successfully remediated and should be closed.

Any additional investigation of the release does not seem reasonable or necessary based on the fact that sampling of the area will be conducted during the required COGCC Rule 911.a.(4) site investigation at the time of facility decommissioning and final reclamation.

Please let me know if you agree with Caerus' assessment and approach to administratively close the spill within the secondary containment which occurred in 2009.

CASING PROGRAM

(No Casing Provided)

POTENTIAL FLOW AND CONFINING FORMATIONS

(No Casing Provided)

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:

Steven please see attached data for NFA request
please also see Doc # 400729476 for 2014 spill closure

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

Signed: _____ Print Name: Brett Middleton
Title: Environmental Lead Email: bmiddleton@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 List

<u>Att Doc Num</u>	<u>Name</u>
402653348	OTHER
402653349	OTHER
402653351	OTHER
402653354	OTHER
402653358	OTHER
402653362	OTHER
402653364	OTHER
402653367	OTHER
402653376	OTHER
402653377	OTHER
402653379	OTHER
402653380	OTHER

Total Attach: 12 Files