

State of Colorado Oil and Gas Conservation Commission

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DE	ET	OE	ES
Document Number: 400588543			
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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>10439</u>	Contact Name <u>Andrea Park</u>
Name of Operator: <u>CARRIZO NIOBRARA LLC</u>	Phone: <u>(713) 4577070</u>
Address: <u>500 DALLAS STREET #2300</u>	Fax: <u>()</u>
City: <u>HOUSTON</u> State: <u>TX</u> Zip: <u>77002</u>	Email: <u>andrea.park@crzo.net</u>

Complete the Attachment
Checklist

OP OGCC

API Number : <u>05-</u> <u>123</u> <u>38368</u> <u>00</u>	OGCC Facility ID Number: <u>434899</u>
Well/Facility Name: <u>Castor</u>	Well/Facility Number: <u>4-36-9-59</u>
Location QtrQtr: <u>NENE</u> Section: <u>36</u> Township: <u>9N</u> Range: <u>59W</u> Meridian: <u>6</u>	
County: <u>WELD</u> Field Name: <u>WILDCAT</u>	
Federal, Indian or State Lease Number: <u>9821.8</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 NENE Sec 36

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 36

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 36 Twp 9N

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>357</u>	<u>FNL</u>	<u>711</u>	<u>FEL</u>
_____	_____	_____	_____
Twp <u>9N</u>	Range <u>59W</u>	Meridian <u>6</u>	
Twp _____	Range _____	Meridian _____	
<u>300</u>	<u>FNL</u>	<u>650</u>	<u>FEL</u>
_____	_____	_____	_____
Twp <u>9N</u>	Range <u>59W</u>		
Twp _____	Range _____		
<u>600</u>	<u>FSL</u>	<u>650</u>	<u>FEL</u>
_____	_____	_____	_____
Twp <u>9N</u>	Range <u>59W</u>		
Twp _____	Range _____		

**

**

** attach deviated drilling plan

CHANGE OR ADD OBJECTIVE FORMATION AND/OR SPACING UNIT				
Objective Formation	Formation Code	Spacing Order Number	Unit Acreage	Unit Configuration

<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 CASTOR Number 4-36-9-59 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 03/04/2014

☐ REPORT OF WORK DONE Date Work Completed _____

- | | | |
|--|---|--|
| <input type="checkbox"/> Intent to Recomplete (Form 2 also required) | <input checked="" 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:

A complete gas sample analysis is attached.

The average flaring volume over a 30-day period was 370.21 mcf/d; volumes were measured daily. Gas was flared for 30 days. As of April 2, 2014, gas has been flowing into a pipeline.

There is a presence of H2S; test results showed 6ppm.

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: 6 in ppm (parts per million) Date of Measurement or Sample Collection 03/19/2014

Description of Sample Point:

The sample was collected at the sales point at Castor 4-36-9-59 at12:25.

Absolute Open Flow Potential 0 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: 5280 FEET

Distance to nearest Federal, State, County, or municipal road or highway owned and principally maintained for public use: 5280 FEET

COMMENTS:

Distances of 5,280ft are over a mile away

Best Management Practices

No		BMP/COA Type	Description

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: Andrea Park
Title: EH&S Analyst Email: andrea.park@crzo.net Date: 4/11/2014

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

COGCC Approved: SUTPHIN, DIRK Date: 5/1/2014

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

	1) The flaring of natural gas shall be conducted in accordance with COGCC Rule 912. 2) Notify the local emergency dispatch or the local governmental designee of any natural gas flaring. 3) If flaring will continue more than 6 months, submit updated requests to flare to COGCC on Form 4 (Sundry Notice), which discusses timing to connect to sales line, plans to develop infrastructure, and justification for continued venting/flaring. 4) The operator is required to obtain and maintain any required air permits from CDPHE. 5) The venting or flaring volumes shall be reported by Form 7, Operator's Monthly Report of Operations. 6) Provide gas analyses including H2S within 30 days of commencing flaring. 7) Comply with COGCC Policy - Notice to Operators Reporting Hydrogen Sulfide (H2S), Clarifications for Implementation of COGCC Rule 607 and BLM Onshore Order No. 6.
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General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Environmental Data	H2S data added to the database.	4/14/2014 9:32:47 AM

Total: 1 comment(s)

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400588543	FORM 4 SUBMITTED
400588563	GAS ANALYSIS REPORT

Total Attach: 2 Files