

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: 400657969			
Date Received: 08/06/2014			

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: 10439 Contact Name Andrea Park
 Name of Operator: CARRIZO NIOBRARA LLC Phone: (713) 457-7070
 Address: 500 DALLAS STREET #2300 Fax: ()
 City: HOUSTON State: TX Zip: 77002 Email: andrea.park@crzo.net

Complete the Attachment
Checklist

OP OGCC

API Number : 05- 123 38612 00 OGCC Facility ID Number: 435438
 Well/Facility Name: BRINGELSON RANCH Well/Facility Number: 9-20-9-58
 Location QtrQtr: NWSW Section: 20 Township: 9N Range: 58W Meridian: 6
 County: WELD Field Name: WILDCAT
 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 NWSW Sec 20

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 20

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 20 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>1982</u>	<u>FSL</u>	<u>570</u>	<u>FWL</u>
_____	_____	_____	_____
Twp <u>9N</u>	Range <u>58W</u>	Meridian <u>6</u>	
Twp _____	Range _____	Meridian _____	
<u>1800</u>	<u>FSL</u>	<u>300</u>	<u>FWL</u>
_____	_____	_____	_____
Twp <u>9N</u>	Range <u>58W</u>		
Twp _____	Range _____		
<u>1800</u>	<u>FSL</u>	<u>600</u>	<u>FEL</u>
_____	_____	_____	_____
Twp <u>9N</u>	Range <u>58W</u>		
Twp _____	Range _____		

**

**

** attach deviated drilling plan

Comments:

[Empty box for 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 06/09/2014

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 checked="" type="checkbox"/> Other <u>Gas Analysis</u>	<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 83.33 MCF/D; volumes were measured daily. As of June 10, 2014 gas has been flowing into a pipeline.

There is a presence of H2S; test results showed 3ppm.

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: 3 in ppm (parts per million) Date of Measurement or Sample Collection 06/13/2014

Description of Sample Point:

The sample was collected at the sales point at Bringelson Ranch 9-20-9-58 at 13:40.

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:

All distances of 5280 feet are more than a mile away.

Best Management Practices

No BMP/COA Type

Description

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: Andrea Park
Title: EH&S Analyst Email: andrea.park@crzo.net Date: 8/6/2014

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

COGCC Approved: WESTERDALE, BARBARA Date: 8/13/2014

CONDITIONS OF APPROVAL, IF ANY:

COA Type

Description

	1) The flaring of natural gas shall be conducted in accordance with COGCC Rule 912. 2) For venting/flaring except as allowed by Rule 912.b., submit Form 4 (Sundry Notice), stating estimated volume and content of the gas, including H2S, timeframe and justification. 3) The operator is required to obtain and maintain any required air permits from CDPHE.
--	--

General Comments

User Group	Comment	Comment Date
Environmental	The H2S data has been entered in to the CO_env database.	3/8/2014 1:40:41 PM
Engineer	Operator explained that the flaring described was during the 30-day period following the start date. Flaring occurred part-time during that period, at the stated average rate, during flowback and maintenance. The rest of the time, as stated, gas was going into a pipeline. Such flaring is allowed under Rule 912.	3/7/2014 1:52:59 PM

Total: 2 comment(s)

Attachment Check List

Att Doc Num	Name
400657969	FORM 4 SUBMITTED
400658000	GAS ANALYSIS REPORT

Total Attach: 2 Files