

**State of Colorado**  
**Energy & Carbon Management Commission**

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DE	ET	OE	ES
Document Number: <b>403475376</b>			
Date Received: <b>07/25/2023</b>			

**SUNDRY NOTICE**

This form is required for reports, updates, and requests as specified in the COGCC rules. It is also used to request changes to some aspects of approved permits for Wells and Oil and Gas Locations.

OGCC Operator Number: <u>10459</u>	Contact Name <u>James Miller</u>
Name of Operator: <u>EXTRACTION OIL &amp; GAS INC</u>	Phone: <u>(720) 984-7460</u>
Address: <u>370 17TH STREET SUITE 5200</u>	Fax: <u>( )</u>
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u>	Email: <u>jmiller@civiresources.com</u>

**FORM 4 SUBMITTED FOR:**

Facility Type: WELL

API Number : 05- 014 06264 00 ID Number: 206769

Name: MAPZ MD Number: 13-1J

Location QtrQtr: SWNE Section: 13 Township: 1S Range: 69W Meridian: 6

County: BROOMFIELD Field Name: WATTENBERG

**Oil & Gas Location(s) and Oil & Gas Development Plan (OGDP) Information**

**Location(s)**

Location ID	Location Name and Number
321494	MAPZ MD-61S69W 13SWNE

**OGDP(s)**

No OGDP

**WELL LOCATION CHANGE OR AS-BUILT GPS REPORT**

- Change of Location for Well \*     As-Built GPS Location Report     As-Built GPS Location Report with Survey

\* Well Location Change requires a new Plat.

**SURFACE LOCATION GPS DATA**    Data must be provided for Change of Surface Location and As Built Reports.

Latitude \_\_\_\_\_ Longitude \_\_\_\_\_

GPS Quality Value: \_\_\_\_\_ Type of GPS Quality Value: \_\_\_\_\_ Measurement Date: \_\_\_\_\_

Well Ground Elevation: \_\_\_\_\_ feet (Required for change of Surface Location.)

**WELL LOCATION CHANGE**

Well plan is: \_\_\_\_\_ (Vertical, Directional, Horizontal)

				FNL/FSL		FEL/FWL	
Change of <b>Surface</b> Footage <b>From</b> :				<input type="text" value="1400"/>	<input type="text" value="FNL"/>	<input type="text" value="1200"/>	<input type="text" value="FEL"/>
Change of <b>Surface</b> Footage <b>To</b> :				<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Current <b>Surface</b> Location <b>From</b>	QtrQtr <input type="text" value="SWNE"/>	Sec <input type="text" value="13"/>	Twp <input type="text" value="1S"/>	Range <input type="text" value="69W"/>	Meridian <input type="text" value="6"/>		
New <b>Surface</b> Location <b>To</b>	QtrQtr <input type="text"/>	Sec <input type="text"/>	Twp <input type="text"/>	Range <input type="text"/>	Meridian <input type="text"/>		
Change of <b>Top of Productive Zone</b> Footage <b>From</b> :				<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Change of <b>Top of Productive Zone</b> Footage <b>To</b> :				<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Current <b>Top of Productive Zone</b> Location		Sec <input type="text"/>	Twp <input type="text"/>	Range <input type="text"/>			
New <b>Top of Productive Zone</b> Location		Sec <input type="text"/>	Twp <input type="text"/>	Range <input type="text"/>			

\*\*

Change of **Base of Productive Zone** Footage **From:**

Change of **Base of Productive Zone** Footage **To:**

\*\*

Current **Base of Productive Zone** Location

Sec

Twp

Range

New **Base of Productive Zone** Location

Sec

Twp

Range

Change of **Bottomhole** Footage **From:**

Change of **Bottomhole** Footage **To:**

\*\*

Current **Bottomhole** Location

Sec

Twp

Range

\*\* attach deviated drilling plan

New **Bottomhole** Location

Sec

Twp

Range

### SAFETY SETBACK INFORMATION

Required for change of Surface Location.

Distance from Well to nearest:

- Building: \_\_\_\_\_ Feet
- Building Unit: \_\_\_\_\_ Feet
- Public Road: \_\_\_\_\_ Feet
- Above Ground Utility: \_\_\_\_\_ Feet
- Railroad: \_\_\_\_\_ Feet
- Property Line: \_\_\_\_\_ Feet

#### INSTRUCTIONS:

- Specify all distances per Rule 308.b.(1).
- Enter 5280 for distance greater than 1 mile.
- Building - nearest building of any type. If nearest Building is a Building Unit, enter same distance for both.
- Building Unit – as defined in 100 Series Rules.

### SUBSURFACE MINERAL SETBACKS

Required for change of Top and/or Base of Productive Zone. Enter 5280 for distance greater than 1 mile.

Is this Well within a unit? \_\_\_\_\_

If YES:

Enter the minimum distance from the Completed Zone of this Well to the Unit Boundary: \_\_\_\_\_ Feet

Enter the minimum distance from the Completed Zone of this Well to the Completed Zone of an offset Well within the same unit permitted or completed in the same formation: \_\_\_\_\_ Feet

If NO:

Enter the minimum distance from the Completed Zone of this Well to the Lease Line of the described lease: \_\_\_\_\_ Feet

Enter the minimum distance from the Completed Zone of this Well to the Completed Zone of an offset Well producing from the same lease and permitted or completed in the same formation: \_\_\_\_\_ Feet

### Exception Location

If this Well requires the approval of a Rule 401.c Exception Location, enter the Rule or spacing order number and attach the Exception Location Request and Waivers. \_\_\_\_\_

### LOCATION CHANGE COMMENTS

### CHANGE OR ADD OBJECTIVE FORMATION AND/OR SPACING UNIT

Objective Formation	Formation Code	Spacing Order Number	Unit Acreage	Unit Configuration	Add	Modify	No Change	Delete
J-NIOBRARA-CODELL	JNBCD	0	160	NE4			X	



Comments:

**ENGINEERING AND ENVIRONMENTAL WORK**

REPORT OF TEMPORARY ABANDONMENT

Describe the method used to ensure that the Well is closed to the atmosphere and the Operator's plans for future operation of the Well in the COMMENTS box below as required by Rule 434.b.(1).

REQUEST FOR TEMPORARY ABANDONMENT EXCEEDING 6 MONTHS

State the reason for the extension request and explain the Operator's plans for future operation of the Well in the COMMENTS box below as required by Rule 434.b.(3).

Date well temporarily abandoned \_\_\_\_\_

Has Production Equipment been removed from site? \_\_\_\_\_

Mechanical Integrity Test (MIT) required. Date of last MIT \_\_\_\_\_

**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/REQUEST FOR APPROVAL      Approximate Start Date    07/18/2023

SUBSEQUENT REPORT      Date of Activity \_\_\_\_\_

- |   |  |  |
|---|--|--|
| <input checked="" type="checkbox"/> Bradenhead Plan   | <input type="checkbox"/> Venting or Flaring (Rule 903) | <input type="checkbox"/> E&P Waste Mangement           |
| <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"/> Underground Injection Control  |  |  |
| <input type="checkbox"/> Request approval of Reuse and Recycling Plan per Rule 905.a.(3). (Reuse and Recycling Plan must be attached.)                    |  |  |
| <input type="checkbox"/> Request approval of Alternative Sampling Plan per Rule 909.j.(6). for this Pit. (Alternative Sampling Program must be attached.) |  |  |
| <input type="checkbox"/> Other  |  |  |

Request that an existing produced water sample from the same formation be used per Rule 909.j.(6) to meet the requirements of Rule 909.j.(1)-(5) for this Well.

Pit ID \_\_\_\_\_ Pit Name \_\_\_\_\_

(No Sample Provided)

Subsequent well operations with heavy equipment (Rule 312)

(No Well Provided)

**COMMENTS:**

This well started mitigation in November 2021. The bradenhead test conducted 07/18/2023 (Form 17 doc# 403472522) reported 61 psi. No flowrate could be recorded due to fluid.  
The well was previously being blowdown monthly.  
Collecting a sample and flowrate were not possible due to insufficient volume of bradenhead fluid.  
To comply with the operator guidance Extraction Oil & Gas Inc intends to submit a Form 6 NOI to plug the well. Extraction Oil & Gas Inc requests to plug this well within 12 months to allow for planning around wildlife and any applicable municipal timing restrictions.

**GAS CAPTURE**

**VENTING AND FLARING:**

Operation type: \_\_\_\_\_ Operational phase requiring venting/flaring: \_\_\_\_\_

Reason for venting/flaring: \_\_\_\_\_

Describe Other reason for venting/flaring:

\_\_\_\_\_

Describe why venting or flaring is necessary. If reporting per Rule 903.b.(2), 903.c.(3).C, or 903.d.(2), include the explanation, rationale, and cause of the event:

\_\_\_\_\_

Describe how the operation will protect and minimize adverse impacts to public health, safety, welfare, the environment, and wildlife resources. If reporting per Rule 903.d.(2), include BMPs used to minimize venting on the BMP Tab:

\_\_\_\_\_

Total volume of gas vented or flared: \_\_\_\_\_ mcf  estimated  measured

Total duration of emission event: \_\_\_\_\_ hours  consecutive  cumulative

Submit a single representative gas analysis via Form 43 to create a Sample Site Facility ID# for this Location. Reference the Form 43 document number on the Related Forms tab.

Sample Site Facility ID#: \_\_\_\_\_

**GAS CAPTURE PLAN**

Describe the plan to connect to a gathering line or beneficially use the gas; include anticipated timeline:

\_\_\_\_\_

A Gas Capture Plan that meets the requirements of Rule 903.e is attached.

**CASING PROGRAM**

(No Casing Provided)

**POTENTIAL FLOW AND CONFINING FORMATIONS**

**H2S REPORTING**

Intentional release of H2S gas due to Upset Condition or malfunction.

Intent to temporarily abandon well with potential H2S concentration >100 ppm.

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:

**OIL & GAS LOCATION UPDATES**

OGDP ID \_\_\_\_\_ OGDP Name \_\_\_\_\_

**SITE EQUIPMENT LIST UPDATES**

Indicate the number and type of major equipment components planned for use on this Oil and Gas Location:

Wells _____	Oil Tanks _____	Condensate Tanks _____	Water Tanks _____	Buried Produced Water Vaults _____
Drilling Pits _____	Production Pits _____	Special Purpose Pits _____	Multi-Well Pits _____	Modular Large Volume Tank _____
Pump Jacks _____	Separators _____	Injection Pumps _____	Heater-Treaters _____	Gas Compressors _____
Gas or Diesel Motors _____	Electric Motors _____	Electric Generators _____	Fuel Tanks _____	LACT Unit _____
Dehydrator Units _____	Vapor Recovery Unit _____	VOC Combustor _____	Flare _____	Enclosed Combustion Devices _____
Meter/Sales Building _____	Pigging Station _____		Vapor Recovery Towers _____	

**OTHER PERMANENT EQUIPMENT UPDATES**

**OTHER TEMPORARY EQUIPMENT UPDATES**

**CULTURAL AND SAFETY SETBACK UPDATES**

**OTHER LOCATION CHANGES AND UPDATES**

Provide a description of other changes or updates to technical information for this Location:

**POTENTIAL OGDP UPDATES**

**PROPOSED CHANGES TO AN APPROVED OGDP**

This Sundry Form 4 is being submitted pursuant to Rule 301.c to propose changes to an approved Oil and Gas Development Plan.

Check all boxes that pertain to the type(s) of changes being proposed for this OGDP:

- |  |  |
|--|--|
| <input type="checkbox"/> Add Oil and Gas Location(s)                     | <input type="checkbox"/> Add Drilling and Spacing Unit(s)    |
| <input type="checkbox"/> Amend Oil and Gas Location(s)                   | <input type="checkbox"/> Amend Drilling and Spacing Unit(s)  |
| <input type="checkbox"/> Remove Oil and Gas Location(s)                  | <input type="checkbox"/> Remove Drilling and Spacing Unit(s) |
| <input type="checkbox"/> Oil and Gas Location attachment or plan updates | <input type="checkbox"/> Amend the lands subject to the OGDP |
| <input type="checkbox"/> Other   |  |

Provide a detailed description of the changes being proposed for this OGDP. Attach supporting documentation such as maps if necessary.

**Best Management Practices**

**No BMP/COA Type**

**Description**



Operator Comments:

Sundry submitted to report the bradenhead mitigation performed on this well and the continued mitigation plan.

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

Signed: \_\_\_\_\_ Print Name: Stephany Olsen  
Title: Sr. Regulatory Analyst Email: bradenhead@civiresources.com Date: 7/25/2023

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

COGCC Approved: GARRISON, PENNY Date: 8/1/2023

**CONDITIONS OF APPROVAL, IF ANY:**

<b>COA Type</b>	<b>Description</b>
	<ol style="list-style-type: none"><li>1. Operator shall implement measures to control venting, to protect health and safety, and to ensure that vapors and odors from well operations do not constitute a nuisance or hazard to public welfare.</li><li>2. Bradenhead gas is not to be vented to the atmosphere; any gas from the Bradenhead will be routed to the specified abatement system. Shut in bradenhead pressure shall not exceed 50 psig. Operator shall implement measures to get an estimate of the gas flow rate and/or volume from the bradenhead.</li><li>3. Within thirty days of 07/18/2024, submit a Form 4 Sundry that summarizes current well condition. The sundry should include details of the future plans, sample analysis interpretation, bradenhead test description, and the flow rate information and pressure data.</li><li>4. Shut well in for at least seven days to monitor build up pressures then conduct a new bradenhead test and submit the Form 17 within ten days of the test.</li><li>5. If a sample has not been collected from surface casing within the last twelve months collect bradenhead gas samples for laboratory analysis. Sampling shall comply with Operator Guidance - Bradenhead Testing and Reporting Instructions, Appendix A: Liquid and Gas Sampling. Copies of all final laboratory analytical results shall be provided to the ECMC within three months of collecting the samples.</li></ol>

1 COA

**General Comments**

<b>User Group</b>	<b>Comment</b>	<b>Comment Date</b>
Engineer	Operator plans to plug well within 12 months	08/01/2023
Engineer	Bradenhead test date 07/18/2023 had 61 psig.	08/01/2023

Total: 2 comment(s)

**Attachment List**

<b>Att Doc Num</b>	<b>Name</b>
403475376	SUNDRY NOTICE APPROVED-OBJ-DOC
403475395	NET PRESSURE CHART
403482396	FORM 4 SUBMITTED

Total Attach: 3 Files