

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

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**SUNDRY NOTICE**

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

ECMC Operator Number: <u>10459</u>	Contact Name <u>Jeff Annable</u>
Name of Operator: <u>EXTRACTION OIL &amp; GAS INC</u>	Phone: <u>(303) 312-8529</u>
Address: <u>555 17TH STREET SUITE 3700</u>	Fax: <u>( )</u>
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u>	Email: <u>dlockiespermitting@civiresources.com</u>

**FORM 4 SUBMITTED FOR:**

Facility Type: WELL

API Number : 05- 123 53013 00 ID Number: 490373

Name: T-BONE Number: 22N-20-01

Location QtrQtr: SESW Section: 28 Township: 5N Range: 66W Meridian: 6

County: WELD Field Name: WATTENBERG

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

Location(s)

Location ID	Location Name and Number
489258	T-Bone XOG-28 Pad

OGDP(s)

OGDP ID	OGDP Name
487777	T-Bone 5N66W 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)

Change of <b>Surface</b> Footage <b>From:</b>	<input type="text" value="620"/>	<input type="text" value="FSL"/>	<input type="text" value="2315"/>	<input type="text" value="FWL"/>
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="SESW"/>	Sec <input type="text" value="28"/>	Twp <input type="text" value="5N"/>	Range <input type="text" value="66W"/>	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 **Top of Productive Zone** Footage **From:**

160 FSL

315 FWL

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

\*\*

Current **Top of Productive Zone** Location

Sec 22

Twp 5N

Range 66W

New **Top of Productive Zone** Location

Sec

Twp

Range

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

FSL

FWL

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:**

350 FSL

315 FWL

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

\*\*

Current **Bottomhole** Location

Sec 10

Twp 5N

Range 66W

\*\* 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**

\_\_\_\_\_



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**

Route to the Area Reclamation Specialist

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    07/21/2025

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

- |   |  |  |
|---|--|--|
| <input type="checkbox"/> Bradenhead Plan  | <input type="checkbox"/> Venting or Flaring (Rule 903) | <input type="checkbox"/> E&P Waste Mangement           |
| <input checked="" 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:

**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**

<u>Casing Type</u>	<u>Size of Hole</u>	<u>Size of Casing</u>	<u>Grade</u>	<u>Wt/Ft</u>	<u>Csg/Liner Top</u>	<u>Setting Depth</u>	<u>Sacks Cmt</u>	<u>Cmt Btm</u>	<u>Cmt Top</u>
CONDUCTOR	26	16	a53b	36.95	0	80	105	80	0
SURF	13+1/2	9+5/8	j55	36	0	1677	569	1677	0
1ST	8+1/2	5+1/2	p110	20	0	20426	3144	20426	0

**POTENTIAL FLOW AND CONFINING FORMATIONS**

<u>Zone Type</u>	<u>Formation /Hazard</u>	<u>Top M.D.</u>	<u>Top T.V.D.</u>	<u>Bottom M.D.</u>	<u>Bottom T.V.D.</u>	<u>TDS (mg/L)</u>	<u>Data Source</u>	<u>Comment</u>
Groundwater	Upper Pierre	0	0	1504	1500	501-1000	Electric Log Calculation	WIEST J 28-25 05-123-26341
Confining Layer	Base of Upper Pierre	1504	1500	4444	3770			
Hydrocarbon	Larimer-Parkman sandstone	4444	3770	4568	3850			Not productive in this area.
Confining Layer	Larimer-Parkman SS Base	4568	3850	5449	4420			
Hydrocarbon	Terry-Sussex sandstone	5449	4420	5611	4525			Not productive in this area.
Confining Layer	Terry-Sussex SS Base	5611	4525	6307	4975			
Hydrocarbon	Hygiene-Shannon sandstone	6307	4975	6810	5300			Not productive in this area.
Confining Layer	Hygiene-Shannon SS Base	6810	5300	9319	6910			
Confining Layer	Sharon Springs	9319	6910	9679	7000			
Hydrocarbon	Niobrara	9679	7000	20426	7000			

**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:

[Empty text box]

**POTENTIAL OGDG UPDATES**

**PROPOSED CHANGES TO AN APPROVED OGDG**

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 OGDG:

- Add Oil and Gas Location(s)
- Add Drilling and Spacing Unit(s)
- Amend Oil and Gas Location(s)
- Amend Drilling and Spacing Unit(s)
- Remove Oil and Gas Location(s)
- Remove Drilling and Spacing Unit(s)
- Oil and Gas Location attachment or plan updates
- Amend the lands subject to the OGDG
- Other

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

[Empty text box]

**Operator Best Management Practices**

**No BMP/COA Type**

**Description**

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Operator Comments:

This sundry is being submitted to update the formation table and the casing and cementing plan.

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

Signed: \_\_\_\_\_ Print Name: Jeff Annable

Title: Manager, Permitting Email: dlockiespermitting@civiresources.com Date: \_\_\_\_\_

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

ECMC Approved: \_\_\_\_\_ Date: \_\_\_\_\_

**CONDITIONS OF APPROVAL, IF ANY LIST**

**COA Type**

**Description**

0 COA	
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**General Comments**

**User Group**

**Comment**

**Comment Date**

		Stamp Upon Approval
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Total: 0 comment(s)

**ATTACHMENT LIST**

**Att Doc Num**

**Name**

404286799

DEVIATED DRILLING PLAN

Total Attach: 1 Files