

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

1120 Lincoln Street, Suite 801, Denver, Colorado 80203  
Phone: (303) 894-2100 Fax: (303) 894-2109



DE	ET	OE	ES
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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>10243</u>	Contact Name <u>Maxwell Blair</u>
Name of Operator: <u>GMT EXPLORATION COMPANY LLC</u>	Phone: <u>(303) 586-9291</u>
Address: <u>4949 S NIAGARA ST SUITE 250</u>	Fax: ( )
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80237</u>	Email: <u>mblair@gmtexploration.com</u>

**FORM 4 SUBMITTED FOR:**

Facility Type: WELL

API Number : 05- 039 06760 00 ID Number: 484728

Name: Red Lady 6-64 4-6 Number: 7HN

Location QtrQtr: NENE Section: 4 Township: 6S Range: 64W Meridian: 6

County: ELBERT Field Name: DJ HORIZONTAL NIOBRARA

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

**Location(s)**

Location ID	Location Name and Number
484179	Ragged 6-64 4

**OGDP(s)**

OGDP ID	OGDP Name
483696	Ragged 6-64 4

**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 39.561939      Longitude -104.551234

GPS Quality Value: 1.4    Type of GPS Quality Value: PDOP    Measurement Date: 05/10/2022

Well Ground Elevation: 6015 feet (Required for change of Surface Location.)

**WELL LOCATION CHANGE**

Well plan is: HORIZONTAL (Vertical, Directional, Horizontal)

Change of **Surface** Footage **From:**

Change of **Surface** Footage **To:**

	QtrQtr	Sec	Twp	Range	Meridian
Current <b>Surface</b> Location <b>From</b>	<u>NENE</u>	<u>4</u>	<u>6S</u>	<u>64W</u>	<u>6</u>
New <b>Surface</b> Location <b>To</b>	<u>NENE</u>	<u>4</u>	<u>6S</u>	<u>64W</u>	<u>6</u>

FNL/FSL		FEL/FWL	
<u>1104</u>	<u>FNL</u>	<u>311</u>	<u>FEL</u>
<u>1104</u>	<u>FNL</u>	<u>311</u>	<u>FEL</u>

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

2028 FSL

2480 FWL

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

1552 FNL

2493 FWL

\*\*

Current **Top of Productive Zone** Location

Sec 4

Twp 6S

Range 64W

New **Top of Productive Zone** Location

Sec 4

Twp 6S

Range 64W

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

FSL

FWL

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

1603 FNL

600 FWL

\*\*

Current **Base of Productive Zone** Location

Sec

Twp

Range

New **Base of Productive Zone** Location

Sec 6

Twp 6S

Range 64W

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

2105 FNL

550 FWL

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

1603 FNL

550 FWL

\*\*

Current **Bottomhole** Location

Sec 6

Twp 6S

Range 64W

\*\* attach deviated drilling plan

New **Bottomhole** Location

Sec 6

Twp 6S

Range 64W

### SAFETY SETBACK INFORMATION

Required for change of Surface Location.

Distance from Well to nearest:

Building: 3035 Feet  
 Building Unit: 3035 Feet  
 Public Road: 1089 Feet  
 Above Ground Utility: 3309 Feet  
 Railroad: 5280 Feet  
 Property Line: 311 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? Yes

If YES:

Enter the minimum distance from the Completed Zone of this Well to the Unit Boundary: 600 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: 476 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

Changes to the location include landing point and bottom hole. No changes to the surface location.



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**

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      07/22/2024

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:

Changes to the drilling plan are landing point, bottom hole and measured depth.

**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	24	16	H40	42	0	80	100	80	0
SURF	13+1/2	9+5/8	J55	36	0	2180	572	2180	0
1ST	8+1/2	5+1/2	P110	20	0	20490	3563	20490	

**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 Dawson	0	0	76	76	0-500	DWR	
Groundwater	Lower Dawson	76	76	201	201	0-500	DWR	
Groundwater	Denver	201	201	1088	1088	0-500	DWR	
Groundwater	Upper Arapahoe	1088	1088	1908	1893	0-500	DWR	
Groundwater	Laramie-Fox Hills	1908	1893	2155	2127	0-500	DWR	
Confining Layer	Pierre Shale	2155	2127	5664	5457			
Hydrocarbon	Sussex - Terry	5664	5457	6450	6200			
Confining Layer	Pierre Shale	6450	6200	7909	7567			
Subsurface Hazard	Sharon Springs Shale	7909	7567	7978	7617			
Hydrocarbon	Niobrara	7978	7617	20490	7795			

**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**



**General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	Requested and received consent for the following from the operator: 1.Adding the drilling beyond the setback COA and comment 2.Adding the additional logging COA from the original permit Passed Permit Review	07/03/2024

Total: 1 comment(s)

**ATTACHMENT LIST**

<b><u>Att Doc Num</u></b>	<b><u>Name</u></b>
403839182	SUNDRY NOTICE APPROVED-LOC-SFTY-STBK-MNRL-STBK-OBJ-DRLG-CSG
403839221	DEVIATED DRILLING PLAN
403839222	DIRECTIONAL DATA
403839225	WELL LOCATION PLAT
403852359	FORM 4 SUBMITTED

Total Attach: 5 Files