



DE	ET	OE	ES
----	----	----	----

Document Number:  
402840719

Date Received:  
12/15/2021

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: 10261

Contact Name Lauren Walsh

Name of Operator: BAYSWATER EXPLORATION & PRODUCTION LLC

Phone: (720) 881 4502

Address: 730 17TH ST STE 500

Fax: ( )

City: DENVER State: CO Zip: 80202

Email: lwalsh@bayswater.us

FORM 4 SUBMITTED FOR:

Facility Type: WELL

API Number : 05- 123 51547 00 ID Number: 479646

Name: Topaz Number: 14

Location QtrQtr: Lot 6 Section: 6 Township: 7N Range: 65W 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
478999	Topaz 6-I Pad

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 40.601027 Longitude -104.714553

GPS Quality Value: 1.5 Type of GPS Quality Value: PDOP Measurement Date: 08/29/2019

Well Ground Elevation: 4946 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:

Current Surface Location From

New Surface Location To

QtrQtr Lot 6

Sec 6

Twp 7N

Range 65W

Meridian 6

Change of Top of Productive Zone Footage From:

Change of Top of Productive Zone Footage To:

Current Top of Productive Zone Location

New Top of Productive Zone Location

Sec 1

Sec 1

Twp 7N

Range 66W

FNL/FSL

FEL/FWL

1374

FSL

360

FWL

2322

FSL

470

FEL

990

FNL

470

FEL

\*\*

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

<u>Objective Formation</u>	<u>Formation Code</u>	<u>Spacing Order Number</u>	<u>Unit Acreage</u>	<u>Unit Configuration</u>	<u>Add</u>	<u>Modify</u>	<u>No Change</u>	<u>Delete</u>
NIOBRARA	NBRR	407-1871	1280	1,2: All			X	

## OTHER

## RULE 502 VARIANCE

Order Number: \_\_\_\_\_

Description:	
--------------	--

**REMOVE FROM SURFACE BOND** Signed surface use agreement is a required attachment

☒ CHANGE NAME OR NUMBER OF WELL, FACILITY, OIL & GAS LOCATION, OR OGDP

From:    Name   TOPAZ                                  Number   14                                  Effective Date:   12/15/2021

To:      Name   Topaz West                          Number    2

**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 911)

☐ 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 907)

OIL &amp; 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 WELL RECORDS CONFIDENTIALITY (Rule 206.c.(1))**

## DIGITAL WELL LOG UPLOAD

**DOCUMENTS SUBMITTED** Purpose of Submission:

**COMPLIANCE with CONDITION OF APPROVAL (COA) on** Form NO: Document Number:

## 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, 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      12/15/2021

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

- ☐ Bradenhead Plan
- ☐ Venting or Flaring (Rule 903)
- ☐ E&P Waste Mangement
- ☒ Change Drilling Plan
- ☐ Repair Well
- ☐ Beneficial Reuse of E&P Waste
- ☐ Gross Interval Change
- ☐ Underground Injection Control
- ☐ Request approval of Reuse and Recycling Plan per Rule 905.a.(3). (Reuse and Recycling Plan must be attached.)
- ☐ Request approval of Alternative Sampling Plan per Rule 909.j.(6). for this Pit. (Alternative Sampling Program must be attached.)
- ☐ 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:**

19 of the 20 permitted wells at this location are being reconfigured: 8 going east thru Sections 6 & 5, 7N-65W; 11 wells going west thru 1 & 2, 7N-66W, and abandoning the Topaz3 (API: 05-123-51536).

The SHL are not changing. There have been no new buildings constructed and no changes to the surrounding land use. The well site has not been constructed. There are also no changes to the Surface & Minerals or Cultural Setbacks. All previously submitted notices, Surface Use Agreements, and letters are also still valid.

Revised plat and directional information 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	N/A	42	0	80	400	80	0
SURF	13+1/2	9+5/8	J-55	36	0	1500	660	1500	0
1ST	8+1/2	5+1/2	HCP110	20	0	17991	2475	17991	2500

**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	Quaternary Alluvium	15	15	40	40	501-1000	Groundwater Sample	Sample Site ID 753695, 750020
Groundwater	Laramie/Fox Hills	40	40	480	480	501-1000	Groundwater Sample	Sample Site ID 766369, 753716
Groundwater	Upper Pierre	480	480	1673	1665	501-1000	Other	Area Report Microsoft PowerPoint - UPWQ_PPT_01-29Hearing
Confining Layer	Pierre Shale	1673	1665	4173	3973			
Hydrocarbon	Parkman	4173	3973	4573	4308			
Hydrocarbon	Sussex	4773	4483	5073	4761			
Confining Layer	Shannon	5573	5121	5873	5379			
Hydrocarbon	Pierre Shale	5873	5379	7873	7118			
Confining Layer	Sharon Springs	7873	7118	8073	7155			
Hydrocarbon	Niobrara	8073	7155	17991	7229			The TVD of the deepest hydrocarbon zone is the bottom of the well and not the bottom of the formation. The formation is not planned to be exited.

## 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 _____		
<b>SITE EQUIPMENT LIST UPDATES</b>				
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 _____		
<b>OTHER PERMANENT EQUIPMENT UPDATES</b>				
<b>OTHER TEMPORARY EQUIPMENT UPDATES</b>				
<b>CULTURAL AND SAFETY SETBACK UPDATES</b>				
<b>OTHER LOCATION CHANGES AND UPDATES</b>				
Provide a description of other changes or updates to technical information for this Location:				

<b>POTENTIAL OGDG UPDATES</b>										
<b>PROPOSED CHANGES TO AN APPROVED OGDG</b> <input type="checkbox"/> 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: <table style="width: 100%; margin-top: 10px;"> <tr> <td><input type="checkbox"/> Add Oil and Gas Location(s)</td> <td><input type="checkbox"/> Add Drilling and Spacing Unit(s)</td> </tr> <tr> <td><input type="checkbox"/> Amend Oil and Gas Location(s)</td> <td><input type="checkbox"/> Amend Drilling and Spacing Unit(s)</td> </tr> <tr> <td><input type="checkbox"/> Remove Oil and Gas Location(s)</td> <td><input type="checkbox"/> Remove Drilling and Spacing Unit(s)</td> </tr> <tr> <td><input type="checkbox"/> Oil and Gas Location attachment or plan updates</td> <td><input type="checkbox"/> Amend the lands subject to the OGDG</td> </tr> <tr> <td><input type="checkbox"/> Other</td> <td></td> </tr> </table>	<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 OGDG	<input type="checkbox"/> Other	
<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 OGDG									
<input type="checkbox"/> Other										
Provide a detailed description of the changes being proposed for this OGDG. Attach supporting documentation such as maps if necessary. <div style="border: 1px solid black; height: 20px; margin-top: 10px;"></div>										

Best Management Practices		
No	BMP/COA Type	Description

<b>Operator Comments:</b>  <div style="border: 1px solid black; padding: 10px; margin-top: 10px;">           Vertex point: 980' FNL, 0' FEL, Sec 2, T7N, R66W             TPZ - TMD: 8350, TVD: 7239            BPZ/BHL - TMD: 17991, TVD: 7229             The nearest well in unit per 2-D calculation is updated to the Topaz West3 (API: 05-123-51548) @ 433'.             Nearest permitted or existing wellbore belonging to another operator per 2-D calculation is the Weyburn 7-66-3-10-8C (API: 05-123-46138) PR Status @ 1258'         </div>
--

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

Signed: \_\_\_\_\_ Print Name: Justin Garrett  
Title: Sr. Regulatory Analyst Email: regulatory@ascentgeomatics.com Date: 12/15/2021

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

COGCC Approved: JENKINS, STEVE Date: 12/29/2021

**CONDITIONS OF APPROVAL, IF ANY:**

**Condition of Approval**

**COA Type**

**Description**

0 COA

**General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	Passed Permit Review	12/17/2021

Total: 1 comment(s)

**Attachment List**

**Att Doc Num**

**Name**

402840719	SUNDRY NOTICE APPROVED-LOC-MNRL-STBK-OBJ-NAME-DRLG-CSG
402840787	DEVIATED DRILLING PLAN
402840788	DIRECTIONAL DATA
402840789	WELL LOCATION PLAT
402911834	FORM 4 SUBMITTED

Total Attach: 5 Files