

FORM
2A

Rev
05/22

State of Colorado
Oil and Gas Conservation Commission

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



Document Number:

402971275

(SUBMITTED)

Date Received:

12/19/2022

Oil and Gas Location Assessment

This Oil and Gas Location Assessment is to be submitted to the COGCC for approval prior to any ground disturbance activity associated with oil and gas operations. Approval of this Oil and Gas Location Assessment will allow for the construction of the below specified Location; however, it does not supersede any land use rules applied by the local land use authority. Please see the COGCC website at <https://cogcc.state.co.us/> for all accompanying information pertinent this Oil and Gas Location Assessment.

Location ID:

OGDP ID:

Expiration Date:

☒ New Location ☐ Refile ☐ Amend Existing Location # _____

If this Location assessment is a component of an Oil and Gas Development Plan (OGDP) application, enter the OGDP docket number(s).

Docket Number	OGDP ID	OGDP Name
221200360		

If this Location assessment is part of an approved Oil and Gas Development Plan, enter the OGDP ID number(s).

<No existing OGDP number provided>

CONSULTATION

- ☐ This location is included in a Comprehensive Area Plan (CAP). CAP ID # _____
- ☐ This Location or its associated new access road, utility, or Pipeline corridor meets Rule 309.e.(2).A, B, or C.
- ☐ This Location is within 2,640 feet of a GUDI or Type III Well per Rule 411.b.(4).
- ☐ This Location includes a Rule 309.e.(2).E variance request.
- ☐ This location includes a Rule 309.f.(1).A.ii. variance request.

Operator

Operator Number: 10261

Name: BAYSWATER EXPLORATION & PRODUCTION LLC

Address: 730 17TH ST STE 500

City: DENVER State: CO Zip: 80202

Contact Information

Name: Lauren Walsh

Phone: (720) 881 4502

Fax: ()

email: lwalsh@bayswater.us

FINANCIAL ASSURANCE FOR THIS LOCATION (check all that apply)

- ☒ Plugging, Abandonment, and Reclamation 20080034
- ☐ Centralized E&P Waste Management Facility _____
- ☐ Gas Gathering, Gas Processing, and Underground Gas Storage Facilities _____
- ☐ Surface Owner Protection Bond. _____

Federal Financial Assurance

- ☒ In checking this box, the Operator certifies that it has provided or will provide at least this amount of Financial Assurance to the federal government for one or more Wells on this Location.

Amount of Federal Financial Assurance \$ 25000

LOCATION IDENTIFICATION

Name: Onyx

Number: Pad

Provide the location description and the latitude and longitude of a single point near the center of the Working Pad Surface as a reference for this Location.

Quarter: WNW Section: 26 Township: 7N Range: 66W Meridian: 6 Ground Elevation: 4894
Latitude: 40.551861 Longitude: -104.753350
GPS Quality Value: 1.2 Type of GPS Quality Value: PDOP Date of Measurement: 05/19/2022

RELATED REMOTE LOCATIONS

(Enter as many Related Locations as necessary. Enter the Form 2A document # only if there is no established COGCC Location ID#)

This proposed Oil and Gas Location is: LOCATION ID # FORM 2A DOC #

Well Site is served by Production Facilities 433335

RELEVANT LOCAL GOVERNMENT SITING INFORMATION

County: WELD Municipality: N/A

Per § 34-60-106 (1)(f)(I)(A), the following questions pertain to the "Relevant Local Government approval of the siting of the proposed oil and gas location."

This proposed Oil and Gas Location is in an area designated as one of State interest and subject to the requirements of § 24-65.1-108, C.R.S. Yes

Does the Relevant Local Government regulate the siting of Oil and Gas Locations, with respect to this location? Yes

A siting permit application has been submitted to the Relevant Local Government for this proposed Oil and Gas Location: Yes

Date Relevant Local Government permit application submitted: 12/02/2022

Current status or disposition of the Relevant Local Government permit application for this proposed Oil and Gas Location: Approved

Status/disposition date: 02/02/2023

If Relevant Local Government permit has been approved or denied, attach final decision document(s).

Provide the contact information for the Relevant Local Government point of contact for the local permit associated with this proposed Oil and Gas Location:

Contact Name: Jason Maxey

Contact Phone: (970) 400-3579

Contact Email: oged@weldgov.com

PROXIMATE LOCAL GOVERNMENT INFORMATION

For every Proximate Local Government (PLG) associated with this proposed Oil and Gas Location, provide the PLG's point of contact and their contact information.

< No row provided >

FEDERAL PERMIT INFORMATION

A Federal drilling permit (or related siting application) has been submitted for this proposed Oil and Gas Location: Yes

Date submitted: 11/14/2022

Current status or disposition of the Federal drilling permit (or related siting application) for this proposed Oil and Gas Location: Concurrent/Pending

Status/disposition Date: 12/09/2023

If Federal agency permit has been approved or denied, attach the final decision document(s).

Provide the contact information of the Federal point of contact for the Federal permit associated with this proposed Oil and Gas Location.

Contact Name: Beatrice M Deakins

Contact Phone: 719-269-8500

Contact Email: bdeakins@blm.gov

Field Office: Canon City

Additional explanation of local and/or federal process:

A 1041WOGLA and Federal Drilling Permits are being filed concurrently with the OGDPA as Local Gov Permit 1041WOGLA22-0017 (submitted 10/18/2022, deemed complete 12/2/2022, preliminarily approved in hearing 2/2/2023 - recording in progress) and BLM APDID#10400088853, #10400088972, #10400088979, #10400089020, #10400089026, #10400089028, #10400089029, #10400089030, #10400089032, #10400089034, #10400089036, and #10400089037 submitted 11/14/2022, accepted 12/09/2022.

RELEVANT LOCAL GOVERNMENT OR FEDERAL PRE-APPLICATION CONSULTATION

Complete this section for any pre-application consultation related to this proposed Oil and Gas Location that occurred prior to the submission of this Form 2A. If a pre-application Formal Consultation Process occurred, attach a Consultation Summary.

Did a pre-application Formal Consultation Process occur with the Relevant Local Government per Rule 301.f.(3)? Yes

Date of local government consultation: 04/06/2022

Did a pre-application Formal Consultation Process occur with the Federal land manager per Rule 301.f.(3)? No

Date of federal consultation: _____

Was an ALA that satisfies Rule 304.b.(2).C (or substantially equivalent information per Rule 304.e) developed during a federal or local government permit application process? If yes, attach the ALA to the Form 2A. Yes

ALA APPLICABILITY AND CRITERIA

Complete this section for any pre-application consultation related to this proposed Oil and Gas Location that occurred prior to the submission of this Form 2A. If a pre-application Formal Consultation Process occurred, attach a Consultation Summary.

Does the proposed Oil and Gas Location meet any of the criteria listed in Rule 304.b.(2)B? Yes

If YES, indicate by checking the box for every Rule 304.b.(2).B criterion met by this proposed Location, and attach an ALA. See Rule 304.b.(2).B.i-x for full text of criteria.

- | | |
|---|--|
| <input checked="" type="checkbox"/> i. WPS < 2,000 feet from RBU/HOBU | <input type="checkbox"/> vi.aa. WPS within a surface water supply area |
| <input type="checkbox"/> ii. WPS < 2,000 feet from School/Child Care Center | <input type="checkbox"/> vi.bb. WPS < 2,640 feet from Type III or GUDI well |
| <input type="checkbox"/> iii. WPS < 1,500 feet from DOAA | <input type="checkbox"/> vii. WPS within/immediately upgradient of wetland/riparian corridor |
| <input type="checkbox"/> iv. WPS < 2,000 feet from jurisdictional boundary and PLG objects/requests ALA | <input type="checkbox"/> viii. WPS within HPH and CPW did not waive |
| <input type="checkbox"/> v. WPS within a Floodplain | <input type="checkbox"/> ix. Operator using Surface bond |
| | <input type="checkbox"/> x. WPS < 2,000 feet from RBU/HOBU/School within a DIC |

Is the proposed Oil and Gas Location within the exterior boundaries of the Southern Ute Indian Reservation, and the Tribe objects to the Location or requests an ALA? If YES, attach an ALA to the Form 2A. No

Operator requests the Director waive the ALA requirement per Rule 304.b.(2).A.i: ☐

Provide an explanation for the waiver request, and attach supporting information (if necessary).

ALTERNATIVE LOCATIONS DASHBOARD

List every alternative location reviewed and included in the ALA. Provide a latitude and longitude for the approximate center of the alternative location, all Rule 304.b.(2).B Criteria met, if a variance would be required to permit the location, and a brief comment on the key points of the alternative location.

304.b.(2).B.i-x Criteria Met:

#	latitude	longitude	i	ii	iii	iv	v	vi	vii	viii	ix	x	Variance Required?	Comments
40.547391	-104.734012		x						x					Location 7 on ALA Maps and Data Template. Tier IV-A
40.546245	-104.688737								x					Location 9 on ALA Maps and Data Template. Tier II-B
40.549624	-104.762518								x					Location 2 on ALA Maps and Data Template. Tier II-B
40.549844	-104.743628													Location 6 on ALA Maps and Data Template. Tier I-B
40.547603	-104.724987						x		x					Location 8a on ALA Maps and Data Template. Tier IV-B
40.551818	-104.743644													Location 5 on ALA Maps and Data Template. Tier I-B
40.532538	-104.743763			x					x					Location 10 on ALA Maps and Data Template. Tier II-B
40.552563	-104.745704													Location 4 on ALA Maps and Data Template. Tier I-B
40.552796	-104.753319		x											Location 1 on ALA Maps and Data Template. Tier III-B
40.545792	-104.726987								x					Location 8b on ALA Maps and Data Template. Tier II-B
40.554175	-104.744655													Location 3 on ALA Maps and Data Template. Tier I-A

SURFACE & MINERAL OWNERSHIP

Surface Owner Info:

Name: Glenn C. Leffler

Phone: _____

Address: 16264 Highway 14

Fax: _____

Address: _____

Email: lwash@bayswater.us

City: Ault State: CO Zip: 80610-9627

Name: Shannon Leffler

Phone: _____

Address: 16264 Highway 14

Fax: _____

Address: _____

Email: lwash@bayswater.us

City: Ault State: CO Zip: 80610-9627

Surface Owner at this Oil and Gas Location: ☒ Fee ☐ State ☐ Federal ☐ Indian

Check only one: ☐ The Operator/Applicant is the surface owner.

- ☒ The Operator has a signed Surface Use Agreement for this Location – attach SUA.
- ☐ All operations on this Oil & Gas Location will develop the minerals beneath the Location, and the surface owner owns the minerals beneath this Location and is committed to an oil and gas lease – attach lease map or provide lease description.
- ☐ All operations on this Oil & Gas Location will develop the minerals beneath the Location, and the Operator intends to use a surface bond per Rule 703 to secure access to this Location – attach lease map or provide lease description.

Surface Owner protection Financial Assurance type: N/A Surety ID Number: _____

Mineral Owner beneath this Oil and Gas Location: ☒ Fee ☐ State ☐ Federal ☐ Indian

Minerals beneath this Oil and Gas Location will be developed from or produced to this Oil and Gas Location: Yes _____

Lease description if necessary: _____

SITE EQUIPMENT LIST

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

Wells	12	Oil Tanks	0	Condensate Tanks	0	Water Tanks	0	Buried Produced Water Vaults	0
Drilling Pits	0	Production Pits	0	Special Purpose Pits	0	Multi-Well Pits	0	Modular Large Volume Tank	0
Pump Jacks	0	Separators	12	Injection Pumps	1	Heater-Treaters	0	Gas Compressors	1
Gas or Diesel Motors	0	Electric Motors	0	Electric Generators	0	Fuel Tanks	0	LACT Unit	0
Dehydrator Units	0	Vapor Recovery Unit	2	VOC Combustor	0	Flare	0	Enclosed Combustion Devices	0
Meter/Sales Building	0	Pigging Station	0	Vapor Recovery Towers	0				

OTHER PERMANENT EQUIPMENT

Permanent Equipment Type	Number
Heated gas lift enclosure	1
gas lift injection Manifold	1
scrubber	1

OTHER TEMPORARY EQUIPMENT

Temporary Equipment Type	Number
generators	3

GAS GATHERING COMMITMENT

Operator commits to connecting to a gathering system by the Commencement of Production Operations? Yes _____

If the answer is NO, a Gas Capture Plan consistent with the requirements of Rule 903.e MUST be attached on the Plans tab.

FLOWLINE DESCRIPTION

Per Rule 304.b.(6), provide a description of all onsite and off-location oil, gas, and/or water flowlines.

2" welded steel Sch 160 flowlines from wellheads to separators carrying oil, gas and water, 2" welded steel Sch 80 intra-facility lines, 3", 6", and 8" welded steel Sch 40 dump lines from separators to oil and water tanks, 3" welded steel Sch 80 gas supply line from gas lift compressor to wellheads.

CULTURAL DISTANCE AND DIRECTION

Provide the distance and direction to the nearest cultural feature as measured from the edge of the Working Pad Surface.

Rule 604.b Conditions Satisfied
(check all that apply):

Distance Direction

Building:	441	Feet	NW	604.b. (1)	604.b. (2)	604.b. (3)	Details of Condition(s)	604.b. (4)
Residential Building Unit (RBU):	663	Feet	N	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Operator has obtained informed consent from 3 RBU <2000' and courtesy informed consent from 3 RBU outside of 2000'.	<input type="checkbox"/>
High Occupancy Building Unit(HOBU)	5280	Feet	SE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Designated Outside Activity Area:	5280	Feet	SW					
Public Road:	63	Feet	W					
Above Ground Utility:	339	Feet	N					
Railroad:	5280	Feet	NE					
Property Line:	71	Feet	W					
School Facility:	5280	Feet	NE					
Child Care Center:	5280	Feet	SE					
Disproportionately Impacted (DI) Community:	5280	Feet	NE					
RBU, HOBU, or School Facility within a DI Community.	5280	Feet	NE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>

RULE 604.a.(2). EXCEPTION LOCATION REQUEST

☐ Operator requests an Exception Location Request from Rule 604.a.(2) [well is less than 150 feet from a property line]. Exception Location Request Letter and Waiver signed by offset Surface Owner(s) must be attached.

CULTURAL FEATURE INFORMATION REQUIRED BY RULE 304.b.(3).B.

Provide the number of each Cultural feature identified within the following distances, as measured from the Working Pad Surface:

	0-500 feet	501-1,000 feet	1,001-2,000 feet
Building Units	0	2	1
Residential Building Units	0	2	1
High Occupancy Building Units	0	0	0
School Properties	0	0	0
School Facilities	0	0	0
Designated Outside Activity Areas	0	0	0

CONSTRUCTION

Size of disturbed area during construction in acres: 9.10

Size of location after interim reclamation in acres: 2.20

Estimated post-construction ground elevation: 4894

DRILLING PROGRAM

Will a closed-loop drilling system be used? Yes

Is H2S gas reasonably expected to be encountered during drilling operations at concentrations greater than or equal to 100 ppm? No If YES, attach H2S Drilling Operations Plan.

Will salt sections be encountered during drilling: No

Will salt based (>15,000 ppm Cl) drilling fluids be used? No

Will oil based drilling fluids be used? Yes

DRILLING WASTE MANAGEMENT PROGRAM

Drilling Fluids Disposal: OFFSITE

Drilling Fluids Disposal Method: Commercial Disposal

Cutting Disposal: OFFSITE

Cuttings Disposal Method: Commercial Disposal

Other Disposal Description:

Beneficial reuse or land application plan submitted? No

Reuse Facility ID: _____ or Document Number: _____

Centralized E&P Waste Management Facility ID, if applicable: _____

CURRENT LAND USE

Current Land Use: check all that apply per Rule 304.b.(9).

Crop Land: ☒ Irrigated ☐ Non-Irrigated ☐ Conservation Reserve Program (CRP)

Non-Crop Land: ☐ Rangeland ☐ Forestry ☐ Recreation ☐ Other

Subdivided: ☐ Industrial ☐ Commercial ☐ Residential

Describe the current land use:

irrigated crop

Describe the Relevant Local Government's land use or zoning designation:

zoned agricultural within Weld County's Near-Urban Planning Area

Describe any applicable Federal land use designation:

N/A

FINAL LAND USE

Final Land Use: check all that apply per Rule 304.b.(9).

Crop Land: ☒ Irrigated ☐ Non-Irrigated ☐ Conservation Reserve Program (CRP)

Non-Crop Land: ☐ Rangeland ☐ Forestry ☐ Recreation ☐ Other

Subdivided: ☐ Industrial ☐ Commercial ☐ Residential

REFERENCE AREA INFORMATION

If Final Land Use includes Non-Crop Land (as checked above), the following information is required:

Describe landowner's designated final land use(s):

Reference Area Latitude: _____ Reference Area Latitude: _____

Provide a list of plant communities and dominant vegetation found in the Reference Area.

< No row provided >

Noxious weeds present: No

SOILS

List all soil map units that occur within the maximum extent of the proposed Oil and Gas Location. Attach the National Resource Conservation Service (NRCS) report showing the "Map Unit Description" listing the typical vertical soil profile(s). This data is to be used when segregating topsoil.

The required information can be obtained from the NRCS website at <https://www.nrcs.usda.gov/wps/portal/nrcs/surveylist/soils/survey/state/> or from the COGCC website GIS Online map page. Instructions are provided within the COGCC website help section.

NRCS Map Unit Name: 32 - Kim loam, 1 to 3 percent slopes

NRCS Map Unit Name: _____

NRCS Map Unit Name: _____

GROUNDWATER AND WATER WELL INFORMATION

Provide the distance and direction, as measured from the Working Pad Surface, to the nearest:

water well: 153 Feet E

Spring or Seep: 2830 Feet SW

Estimated depth to shallowest groundwater that can be encountered at this Oil and Gas Location: 40 Feet

Basis for estimated depth to and description of shallowest groundwater occurrence:

Location is not sensitive due to adequate distance from downgradient surface water and depth to groundwater.
Nearest surface water is upgradient ditch 50' W.
Depth to groundwater taken from water well permit #195-RDA.

SURFACE WATER AND WETLANDS

Provide the distance and direction to the nearest downgradient surface Waters of the State, as defined 1778 Feet S

in the 100-Series Rules, measured from the Working Pad Surface:

If less than 2,640 feet, is the Waters of the State identified above within 15 stream miles upstream of a Public Water System intake? No

Provide the distance and direction to the nearest downgradient wetland, measured from the Working Pad Surface: 2640 Feet SE

Provide a description of the nearest downgradient surface Waters of the State:

Nearest downgradient surface water is Ditch. Nearest wetlands 1807' N and 2365' NE are upgradient. No downgradient wetlands within 2640'.

If the proposed Oil and Gas Location is within a Rule 411.a Surface Water Supply Area buffer zone, select the buffer zone type: _____

Public Water System Administrator - Contact Name _____ Email _____

If the proposed Oil and Gas Location is within a Rule 411.b GUDI/Type III buffer zone, select the buffer zone type: _____

Public Water System Administrator - Contact Name _____ Email _____

Is a U.S. Army Corps of Engineers Section 404 permit required for the proposed Oil and Gas Location, access road, or associated pipeline corridor? No

If a U.S. Army Corps of Engineers Section 404 permit is required, provide the permit status, and permit number if available:

Is the Location within a Floodplain? No Floodplain Data Sources Reviewed (check all that apply):

☒ Federal (FEMA) ☐ State ☐ County ☐ Local

☐ Other

Does this proposed Oil and Gas Location lie within a Sensitive Area for water resources, as defined in the 100-Series Rules? No

CONSULTATION, WAIVERS, AND EXCEPTIONS

When Rule 309.e.(2) Consultation must occur, check all that apply:

- ☐ This location is included in a Wildlife Mitigation Plan
- ☐ This Oil and Gas Location or associated new access road, utility, or pipeline corridor falls within federally designated critical habitat or an area with a known occurrence for a federal or Colorado threatened or endangered species. Provide description in Comments section of Submit tab.
- ☐ This Oil and Gas Location or associated new access road, utility, or pipeline corridor falls within an existing conservation easement established wholly or partly for wildlife habitat. Provide description in Comments section of Submit tab.

When Rule 309.e.(3) Consultation is not required, check all that apply:

- ☐ This Oil and Gas Location has been included in a previously approved, applicable Wildlife Protection Plan.
- ☐ This Oil and Gas Location has been included in a previously approved, applicable Wildlife Mitigation Plan.
- ☐ This Oil and Gas Location has been included in a previously approved, applicable conservation plan.

Pre-application Consultation:

- ☐ A pre-application consultation with CPW, regarding this Oil and Gas Location, occurred _____ on:

CPW Waivers and Exceptions (check all that apply and attach all CPW waivers to this Form 2A):

- ☐ The applicant has obtained a Rule 304.b.(2).B.viii CPW waiver for the requirement to complete an ALA.
- ☐ The applicant has obtained a Rule 309.e.(2).G CPW waiver and consultation is not required.
- ☐ The applicant has obtained a Rule 309.e.(5).D.i CPW waiver and is requesting an exception from Rule 1202.c.(1).R.
- ☐ The applicant has obtained a Rule 309.e.(5).D.ii CPW waiver and is requesting an exception from Rule 1202.c.(1).S.
- ☐ The applicant has obtained a Rule 309.e.(5).D.iii CPW waiver of Rule 1202.c.(1).T.
- ☐ The applicant has obtained a Rule 309.e.(5).D.iv CPW waiver and is requesting an exception from Rule 1202.c.(1) in accordance with an approved CAP.
- ☐ The applicant has obtained a Rule 1202.a CPW waiver.
- ☐ The applicant has obtained a Rule 1202.b CPW waiver.
- ☐ In accordance with Rule 1203.a.(3), the applicant requests an exception from compensatory mitigation Rule(s): _____

HIGH PRIORITY HABITAT AND COMPENSATORY MITIGATION

This Oil and Gas Location, associated access roads, utility, or Pipeline corridor falls wholly or partially within the following High Priority Habitats (Note: dropdown options are abbreviated - see Rule 1202 for full rule text):

< No row provided >

The following questions are for Oil and Gas Locations that cause the density to exceed one Oil and Gas Location per square mile in Rule 1202.d High Priority Habitat:

Direct Impacts:

Is Compensatory Mitigation required per Rule 1203.a for this Oil and Gas Location? No

Is a Compensatory Mitigation Plan proposed to address direct impacts for this Oil and Gas Location? No

Have all Compensatory Mitigation Plans been approved for this Location? No

If not, what is the current status of each Plan?

N/A

Is a Compensatory Mitigation Fee proposed for this Oil and Gas Location? No

Direct impact habitat mitigation fee amount: \$ _____

Indirect Impacts:

Is Compensatory Mitigation required per Rule 1203.d for this Oil and Gas Location? No

Is a Compensatory Mitigation Plan proposed to address indirect impacts for this Oil and Gas Location? No

Have all Compensatory Mitigation Plans been approved for this Location? No

If not, what is the current status of each Plan?

N/A

Is a Compensatory Mitigation Fee proposed for this Oil and Gas Location? No

Indirect impact habitat mitigation fee amount: \$ _____

Operator Proposed Wildlife BMPs

No BMP

AIR QUALITY MONITORING PROGRAM

Will the Operator install and administer an air quality monitoring program at this Location? Yes

Operator Proposed BMPs

No	BMP Target	CDPHE Recommendation	COGCC Action
	Air		
	Description	Operator will use non-emitting pneumatic controllers	
	CDPHE Comment		
	Water		
	Description	Outfall locations: Outlet protection should be used when a conveyance discharges onto a disturbed area where there is potential for accelerated erosion due to concentrated flow. Outlet protection should be provided where the velocity at the culvert outlet exceeds the maximum permissible velocity of the material in the receiving channel.	
	CDPHE Comment		
	Air		
	Description	Venting/Flaring: Operator will control bradenhead/casinghead venting	
	CDPHE Comment		
	Air		
	Description	Operator will collect emissions from rod packing on reciprocating compressors and rout them through a closed vent system to a process or emissions control device	
	CDPHE Comment		

Water		
Description	Down gradient controls: Operator will install adequate down gradient controls if they can not have a control at the source	
CDPHE Comment		
Water		
Description	Vehicle fueling: Operator will ensure that a fueling contractor is present during the entire fueling process to prevent overfilling, leaks and drips from improper connections	
CDPHE Comment		
Water		
Description	COGCC permit will incorporate other agency water quality protection plans by reference as applicable (e.g. stormwater management plan)	
CDPHE Comment		
Water		
Description	Stream crossing and Road Construction: Operator will ensure that control measures are designed, installed and adequately sized in accordance with good engineering, hydrologic and pollution control practices	
CDPHE Comment		
Air		
Description	Operator will use lease automated custody transfer (LACT) system to remove/reduce the need for truck loadout	
CDPHE Comment		
Air		
Description	Engines: Operator will use tier IV or better engines for hydraulic fracturing. Operator will use tier IV pumps for high pressure frac pumps and pump down equipment. However, can not commit to using tier IV pumps for generators, water transfer, personal vehicles, or fueling automation because these do not typically exist.	
CDPHE Comment		
Air		
Description	Operator will implement ambient air quality monitoring on site	
CDPHE Comment		
Air		
Description	Venting/Flaring: Operator will not flare or vent gas during completion or flowback, except in upset or emergency conditions, or with prior written approval from the Director for necessary maintenance operations	
CDPHE Comment		
Air		
Description	Pipelines: Operator will incorporate options for recycling produced gas onsite during pipeline downtime, such as: using the gas for gas lift systems, routing it to the facility fuel system, or installing a natural gas liquid (NGL) skid to process the gas onsite	
CDPHE Comment		
Air		
Description	Pipelines: Operator will have adequate and committed pipeline take away capacity for all produced gas and oil	
CDPHE Comment		
Waste		
Description	Operator will properly characterize and dispose of all waste (i.e. the specific landfill/waste disposal location allows for acceptance of the waste stream)	
CDPHE Comment		
Air		

Description	Tankless design: Operator will not store produced water or hydrocarbon liquids in storage tanks on site (other than a maintenance tank possibly used for well unloading or other maintenance activities).	
CDPHE Comment		
Water		
Description	Vehicle fueling: Operator will ensure that a fueling contractor is present during the entire fueling process to prevent overfilling, leaks and drips from improper connections	
CDPHE Comment		
Water		
Description	Dust suppression: Operator will not use produced water or other process fluids for dust suppression	
CDPHE Comment		
Air		
Description	Operator will properly maintain vehicles and equipment	
CDPHE Comment		
Air		
Description	Pipelines: Operator will shut in the facility to reduce the need for flaring if the pipeline is unavailable	
CDPHE Comment		
Air		
Description	Engines: Operator will use tier IV or better engines for nonroad construction equipment	
CDPHE Comment		
PFAS		
Description	Operator will coordinate with nearby fire district(s) to evaluate whether PFAS-free foam can provide the required performance for the specific hazard	
CDPHE Comment		
Water		
Description	Documentation / stormwater management plan: If it is infeasible to install or repair a control measure immediately after discovering a deficiency, operator will document and keep on record in the stormwater management plan: (a) a description of why it is infeasible to initiate the installation or repair immediately; and (b) a schedule for installing or repairing the control measure and returning it to an effective operating condition as soon as possible.	
CDPHE Comment		
Water		
Description	Secondary containment: Operator will install perimeter controls to control potential sediment-laden runoff in the event of spill or release from Modular Large Volume Storage Tank	
CDPHE Comment		
Air		
Description	Operator will use vapor recovery units (VRUs) to capture and route storage vessel gas to pipeline	
CDPHE Comment		
Air		
Description	Venting/Flaring: Operator will control emergency flaring with an enclosed combustor with a destruction efficiency of 98% or better	
CDPHE Comment		
Water		

Description	Stormwater inspections: Operator will conduct weekly stormwater inspections during normal operations	
CDPHE Comment		
PFAS		
Description	Operator will not use fracturing fluids which contain PFAS compounds	
CDPHE Comment		
Air		
Description	Odor mitigation: Operator will ensure that all drilling fluid is removed from pipes before storage	
CDPHE Comment		
Water		
Description	Stormwater inspections: Operator will conduct stormwater inspections immediately after storm event	
CDPHE Comment		
Water		
Description	Operator will use Modular Large Volume Storage Tanks	
CDPHE Comment		
Waste		
Description	Operator will properly test for and dispose of TENORM	
CDPHE Comment		
Air		
Description	Odor mitigation: operator will use a squeegee or other device to remove drilling fluids from pipes as they exit the wellbore	
CDPHE Comment		
Air		
Description	Odor mitigation: operator will cover trucks transporting drill cuttings	
CDPHE Comment		

PLANS

Total Plans 14
 Uploaded:

- ☐ (1) Emergency Spill Response Program consistent with the requirements of Rules 411.a.(4).B, 411.b.(5).B, & 602.j
- ☒ (2) Noise Mitigation Plan consistent with the requirements of Rule 423.a
- ☒ (3) Light Mitigation Plan consistent with the requirements of Rule 424.a
- ☐ (4) Odor Mitigation Plan consistent with the requirements of Rule 426.a
- ☒ (5) Dust Mitigation Plan consistent with the requirements of Rule 427.a
- ☒ (6) Transportation Plan
- ☒ (7) Operations Safety Management Program consistent with the requirements of Rule 602.d
- ☒ (8) Emergency Response Plan consistent with the requirements of Rule 602.j
- ☐ (9) Flood Shut-In Plan consistent with the requirements of Rule 421.b.(1)
- ☐ (10) Hydrogen Sulfide Drilling Operations Plan consistent with the requirements of Rule 612.d
- ☒ (11) Waste Management Plan consistent with the requirements of Rule 905.a.(4)
- ☐ (12) Gas Capture Plan consistent with the requirements of Rule 903.e
- ☒ (13) Fluid Leak Detection Plan

- ☒ (14) Topsoil Protection Plan consistent with the requirements of Rule 1002.c
- ☒ (15) Stormwater Management Plan consistent with the requirements of Rule 1002.f
- ☒ (16) Interim Reclamation Plan consistent with the requirements of Rule 1003
- ☒ (17) Wildlife Plan consistent with the requirements of Rule 1201
- ☒ (18) Water Plan
- ☒ (19) Cumulative Impacts Plan
- ☐ (20) Community Outreach Plan
- ☐ (21) Geologic Hazard Plan

VARIANCE REQUESTS

Check all that apply:

- ☐ This proposed Oil and Gas Location requires the approval of a Rule 502.a variance from COGCC Rule or Commission

Order number: _____

ALL exceptions and variances require attached Request Letter(s). Refer to applicable rule for additional required attachments (e.g. waivers, certifications, SUAs).

RULE 304.d LESSER IMPACT AREA EXEMPTION REQUESTS

Check the boxes below for all Exemptions being requested. Lesser Impact Area Exemption Request must be attached, and will include all requested exemptions.

- | | |
|--|--|
| <input type="checkbox"/> 304.b.(1). Local Government Siting Information | <input type="checkbox"/> 304.c.(1). Emergency Spill Response Program |
| <input type="checkbox"/> 304.b.(2). Alternative Location Analysis | <input type="checkbox"/> 304.c.(2). Noise Mitigation Plan |
| <input type="checkbox"/> 304.b.(3). Cultural Distances | <input type="checkbox"/> 304.c.(3). Light Mitigation Plan |
| <input type="checkbox"/> 304.b.(4). Location Pictures | <input type="checkbox"/> 304.c.(4). Odor Mitigation Plan |
| <input type="checkbox"/> 304.b.(5). Site Equipment List | <input type="checkbox"/> 304.c.(5). Dust Mitigation Plan |
| <input type="checkbox"/> 304.b.(6). Flowline Descriptions | <input type="checkbox"/> 304.c.(6). Transportation Plan |
| <input type="checkbox"/> 304.b.(7). Drawings | <input type="checkbox"/> 304.c.(7). Operations Safety Management Program |
| <input type="checkbox"/> 304.b.(8). Geographic Information System (GIS) Data | <input type="checkbox"/> 304.c.(8). Emergency Response Plan |
| <input type="checkbox"/> 304.b.(9). Land Use Description | <input type="checkbox"/> 304.c.(9). Flood Shut-In Plan |
| <input type="checkbox"/> 304.b.(10). NRCS Map Unit Description | <input type="checkbox"/> 304.c.(10). Hydrogen Sulfide Drilling Operations Plan |
| <input type="checkbox"/> 304.b.(11). Best Management Practices | <input type="checkbox"/> 304.c.(11). Waste Management Plan |
| <input type="checkbox"/> 304.b.(12). Surface Owner Information | <input type="checkbox"/> 304.c.(12). Gas Capture Plan |
| <input type="checkbox"/> 304.b.(13). Proximate Local Government | <input type="checkbox"/> 304.c.(13). Fluid Leak Detection Plan |
| <input type="checkbox"/> 304.b.(14). Wetlands | <input type="checkbox"/> 304.c.(14). Topsoil Protection Plan |
| <input type="checkbox"/> 304.b.(15). Schools and Child Care Centers | <input type="checkbox"/> 304.c.(15). Stormwater Management Plan |
| | <input type="checkbox"/> 304.c.(16). Interim Reclamation Plan |
| | <input type="checkbox"/> 304.c.(17). Wildlife Plan |
| | <input type="checkbox"/> 304.c.(18). Water Plan |
| | <input type="checkbox"/> 304.c.(19). Cumulative Impacts Plan |
| | <input type="checkbox"/> 304.c.(20). Community Outreach Plan |
| | <input type="checkbox"/> 304.c.(21). Geologic Hazard Plan |

OPERATOR COMMENTS AND SUBMITTAL

Comments	<p>The following 304.c Plans are not required for this submittal:</p> <ul style="list-style-type: none"> • Emergency Spill Response Program; not near Type III or GUDI well • Flood Shut-In Plan; not in floodplain • Hydrogen Sulfide Drilling Plan; no H2S in area • Gas Capture Plan; Operator is committed to connecting to a gathering system by the Commencement of Production Operations. • Community Outreach Plan; no DIC within 2,000' • Geologic Hazard Plan - No significant Hazards within one mile. <p>Operator has obtained informed consent from 3 RBU <2000' and courtesy informed consent from 3 RBU outside of 2000'.</p> <p>Surface owners do not wish to have their email addresses published publicly and have authorized Bayswater as their agent to receive any and all notices on their behalf via the signed Surface Damage and Release Agreement. Please reference Section 9 of the attached Surface Damage and Release Agreement, which states that Surface Owner waives notice for Rule 306.c.(1) Notice of Recommended Decision to Surface Owner. Surface Owners' contact information is provided on the Form 2A by way of their mailing address, per Rule 304.b.(12)A.</p> <p>Construction - 14 days - 3rd Quarter (July) 2023 Drilling - 84 days - 3rd Quarter (July) 2023 Completions (Prep and Frac) - 142 days - 4th Quarter (October) 2023 Flowback (Drill Out and flowback) - 48 days - 1st Quarter (February) 2024 Production - 25 Years - 2nd Quarter (May) 2024 Interim Reclamation - 10 days - 3rd Quarter (August) 2024</p>
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I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct and complete.

Signed: _____ Date: 12/19/2022 Email: regulatory@ascentgeomatics.com

Print Name: Justin Garrett Title: Sr. Regulatory Analyst

Based on the information provided herein, this Oil and Gas Location Assessment complies with COGCC Rules, applicable orders, and SB 19-181 and is hereby approved.

COGCC Approved: _____ Director of COGCC Date: _____

Conditions Of Approval

All representations, stipulations and conditions of approval stated in this Form 2A for this location shall constitute representations, stipulations and conditions of approval for any and all subsequent operations on the location unless this Form 2A is modified by Sundry Notice, Form 4 or an Amended Form 2A.

<u>COA Type</u>	<u>Description</u>
0 COA	

Best Management Practices

<u>No</u>	<u>BMP/COA Type</u>	<u>Description</u>
1	Community Outreach and Notification	Upon issuance of the Director's Recommendation, Bayswater will ensure the surface owner(s) promptly receive notice of the Recommendation.

Total: 1 comment(s)

Attachment List

<u>Att Doc Num</u>	<u>Name</u>
403318014	SURFACE AGRMT/SURETY
403318024	INFORMED CONSENT LETTER
403318028	GEOLOGIC HAZARD MAP
403318031	ACCESS ROAD MAP
403318032	CULTURAL FEATURES MAP
403318033	DIRECTIONAL WELL PLAT
403318034	HYDROLOGY MAP
403318036	LOCATION DRAWING
403318038	LOCATION PICTURES
403318039	RELATED LOCATION AND FLOWLINE MAP
403318041	WILDLIFE HABITAT DRAWING
403318043	ALA DATASHEET
403318044	CDPHE CONSULTATION
403318045	LAYOUT DRAWING
403318051	ALA NARRATIVE SUMMARY
403318056	PRELIMINARY PROCESS FLOW DIAGRAMS
403318059	NRCS MAP UNIT DESC
403348574	LOCATION AND WORKING PAD GIS GDB

Total Attach: 18 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
OGLA	This Form 2A is being pushed back to Draft for issues identified during the completeness review.	03/15/2023

Total: 1 comment(s)

Public Comments

No public comments were received on this application during the comment period.

