

FORM  
2A

Rev  
05/22

# State of Colorado Energy & Carbon Management Commission

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



Document Number:

404012825

**(SUBMITTED)**

Date Received:

12/13/2024

## Oil and Gas Location Assessment

This Oil and Gas Location Assessment is to be submitted to the ECMC 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 ECMC website at <https://ecmc.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
241200313		

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: 10633

Name: CRESTONE PEAK RESOURCES OPERATING LLC

Address: 555 17TH STREET SUITE 3700

City: DENVER      State: CO      Zip: 80202

### Contact Information

Name: Jeff Annable

Phone: (303) 312-8529

Fax: ( )

email: dlockiespermitting@civiresources.com

### FINANCIAL ASSURANCE FOR THIS LOCATION (check all that apply)

- Plugging, Abandonment, and Reclamation 20240061
- 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 \$ \_\_\_\_\_

### LOCATION IDENTIFICATION

Name: State Sunlight/Long      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: SWNE Section: 27 Township: 5S Range: 65W Meridian: 6 Ground Elevation: 5996  
Latitude: 39.589601 Longitude: -104.648365  
GPS Quality Value: 1.6 Type of GPS Quality Value: PDOP Date of Measurement: 11/05/2024

### 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      43605      402289845

### RELEVANT LOCAL GOVERNMENT SITING INFORMATION

County: ARAPAHOE      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.      No

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:      05/06/2024

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

Status/disposition date:      05/30/2025

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: Martin Lohmann      Contact Phone: 720-874-6751

Contact Email: MLOhmann@arapahoegov.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:      No

Date submitted: \_\_\_\_\_

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

Status/disposition Date: \_\_\_\_\_

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: \_\_\_\_\_      Contact Phone: \_\_\_\_\_

Contact Email: \_\_\_\_\_      Field Office: \_\_\_\_\_

Additional explanation of local and/or federal process:

Arapahoe County has issued approval on 5/30/25.

## 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)? No

Date of local government consultation: \_\_\_\_\_

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. No

## 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? No

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 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 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
	39.587330	-104.627210												Alt. #1 would not fully develop proposed Drill Spacing Units. This would be in a Tier 2 Controlled Surface area Occupancy for State Land Board.
	39.603660	-104.647120						x					x	Alt. #2 would require a 411.a variance due to proximity to Aurora Reservoir. This would be in Tier 1 no surface occupancy for the State Land Board.
	39.603810	-104.637080							x				x	Would require a variance being inside 2,000' from mapped riverine wetland.. This would be in Tier 1 no surface occupancy for the State Land Board.

## SURFACE & MINERAL OWNERSHIP

Surface Owner Info:

Name: Colorado State Land Board

Phone: 303-866-3454

Address: 1313 Sherman St.

Fax: \_\_\_\_\_

Address: \_\_\_\_\_

Email: steve.freese@state.co.us

City: Denver State: CO Zip: 80203-2244

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	32	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	2
Pump Jacks	0	Separators	7	Injection Pumps	0	Heater-Treaters	0	Gas Compressors	2
Gas or Diesel Motors	0	Electric Motors	0	Electric Generators	0	Fuel Tanks	0	LACT Unit	0
Dehydrator Units	0	Vapor Recovery Unit	0	VOC Combustor	0	Flare	0	Enclosed Combustion Devices	1
Meter/Sales Building	1	Pigging Station	0	Vapor Recovery Towers	0				

### OTHER PERMANENT EQUIPMENT

Permanent Equipment Type	Number
Water Pump Skid	4
Sales Gas Scrubber	1
Instrument Air Skid	1
Sales Gas Meter	2
Oil /Water Meter Skid	1
3-Phase Meter	32
Water Surge Vessel	1
Fuel Gas Scrubber	1
Oil Surge Vessel	1
Maintenance Surge Vessel	1
Oil Pump Skid	6
LP KO Drum	1

### OTHER TEMPORARY EQUIPMENT

Temporary Equipment Type	Number
Fracking Tank (Sand Can)	1
Sand Can	32

### 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.**

On-Location: Crestone will trench flowlines in one piping corridor that runs between the drill pad and the separator pad and be placed at 12" centers. These lines will most likely be 2" or 3" fusion bonded SCH160 steel pipe and have proper cathodic protection throughout the run. Crestone will then sweep up with a long radius that will tie off each line to the appropriate separator. All welds on these are 100% x-ray and hydro tested to the API and Manufactures specs for a class 1500 series flange. Also meets ASME code B31.4.  
 Off-Location: Crestone will trench a produced water flowline in one piping corridor that runs between the separator pad and the State Harvard 1H Pad. The produced water flowline will be a , 6" Flexpipe , 301, FP, HT, GY, API 15S.

### CULTURAL DISTANCE AND DIRECTION

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

	<b>Distance</b>	<b>Direction</b>	Rule 604.b Conditions Satisfied (check all that apply):	
Building:	<u>3188</u> Feet	<u>W</u>	604.b. (1) 604.b. (2) 604.b. (3) Details of Condition(s)	604.b. (4)



## DRILLING WASTE MANAGEMENT PROGRAM

Drilling Fluids Disposal: OFFSITE

Drilling Fluids Disposal Method: Recycle/reuse

Cutting Disposal: OFFSITE

Cuttings Disposal Method: Commercial Disposal

Other Disposal Description:

Surface hole drilling fluids will be disposed of in a Commercial Disposal Facility. Long-string drilling fluids will be recycled and reused.

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:

Open Pasture

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

Agricultural (A-1)

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):

The designated final land use is Rangeland.

Reference Area Latitude: 39.590820

Reference Area Latitude: -104.650200

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

Plant Community	Dominant vegetation
Native Grassland	Western Wheatgrass is the dominant vegetation.

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 ECMC website GIS Online map page. Instructions are provided within the ECMC website help section.

NRCS Map Unit Name: (RtE) - Renohill-Little-Thedalund complex, 9 to 30 percent slopes

NRCS Map Unit Name: (BxD) Buick loam, 5 to 9 percent slopes

NRCS Map Unit Name: (FdB)—Fondis silt loam, 1 to 3 percent slopes

## GROUNDWATER AND WATER WELL INFORMATION

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

water well: 1815 Feet N

Spring or Seep: 5280 Feet W

Estimated depth to shallowest groundwater that can be encountered at this Oil and Gas Location: 133 Feet

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

Depth to groundwater was determined by using the DWR Permit #47701-F. The drilling log shows groundwater encountered at 133'.

## SURFACE WATER AND WETLANDS

Provide the distance and direction to the nearest downgradient surface Waters of the State, as defined 911 Feet SE

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: 911 Feet SE

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

Wetland/NWI Riverine/NHD Stream (Intermittent)

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 04/01/2024 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):

High Priority Habitat (list all that apply)	Oil and Gas Location	Access Road	Utility or Pipeline Corridor
1202.d.(3) - Mule deer migration & winter		x	x

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? Yes

Is a Compensatory Mitigation Plan proposed to address direct impacts for this Oil and Gas Location? Yes

Have all Compensatory Mitigation Plans been approved for this Location? Yes

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

\_\_\_\_\_

Is a Compensatory Mitigation Fee proposed for this Oil and Gas Location? Yes

Direct impact habitat mitigation fee amount: \$ 23894.25

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? Yes

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

\_\_\_\_\_

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

Indirect impact habitat mitigation fee amount: \$ 0

**Operator Proposed Wildlife BMPs**

No	Target Species	BMP Type	Description
1	MULE DEER & ELK	Wildlife - Avoidance	An existing road will be used and improved (instead of constructing a new road).
2	MULE DEER & ELK	Wildlife - Avoidance	The road will be widened eastward, away from the ridgeline and HPH.
3	MULE DEER & ELK	Wildlife - Minimization	Where the road is within 500' of Aurora Reservoir, it will be built with: o 0.5% cross-road eastward gradient; o drainage ditch on the downgradient eastern side of the road; and o berm on the upgradient western side of the road (2' minimum).
4	MULE DEER & ELK	Wildlife - Minimization	Oil, gas, and produced water takeaway will be installed to reduce traffic on the road.
5	MULE DEER & ELK	Wildlife - Minimization	Pipeline ROW will be located east of the improved road.

**AIR QUALITY MONITORING PROGRAM**

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

**Operator Proposed BMPs**

No BMP

**PLANS**

Total Plans

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 ECMC 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 checked="" 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 checked="" type="checkbox"/> 304.c.(12). Gas Capture Plan               |
| <input type="checkbox"/> 304.b.(13). Proximate Local Government              | <input checked="" 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 checked="" 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 checked="" type="checkbox"/> 304.c.(20). Community Outreach Plan        |
|  | <input type="checkbox"/> 304.c.(21). Geologic Hazard Plan                      |

## OPERATOR COMMENTS AND SUBMITTAL

Comments

Pursuant to e-mail correspondence date 12/5/2024 with Brandon Marette of CPW a 1202.c Waiver is not required, however the operator has received approval of a Compensatory Mitigation plan to pay direct compensatory mitigation fees to Colorado Parks and Wildlife for the access road being sited within Mule Deer Severe Winter Range High Priority Habitat. We have assumed that operation are within season, and the direct fees to be paid are made with this assumption.

The Emergency Response Plan has been coordinated with and approved by the local responding agency.

The Drilling Rig generators and fuel tanks are depicted in case they are needed due the loss of utility power during drilling operations.

Operator certifies that the MLVT will be designed and implemented consistent with the ECMC Policy on the Use of Modular Large Volume Tanks in Colorado. MLVT Design Package, certified and sealed by a licensed professional engineer, is available upon request.  
 Manufacturer of MLVT: Harpoon  
 Size and Volume Up to two (2) 157' diameter/ 40,000 BBLs  
 Anticipated time frame 240 days

A CPW pre-application consultation occurred on 8/2/22, and additionally an onsite consultation occurred on 4/1/24.

As the location is more than 2,000 feet away from an RBU, an odor mitigation plan was not required. Please refer to the operator BMPs tab for information on odor mitigation best management practices.

Additional NRCS Map Unit Descriptions  
 (FoC)—Fondis-Colby silt loams, 3 to 5 percent slopes  
 (RhD)—Renohill-Buick loams, 3 to 9 percent slopes

Tentative Schedule of operations (subject to change)  
 Construction: Q1/2026  
 Drilling: Q3/2026  
 Completions: Q1/2027  
 Interim Reclamation: Q2/2027

Operator will conform to all BMPs agreed on within the Lowry CAP.

Please find enclosed an ALA Narrative Summary and ALA Datasheet as part of the submission, in accordance with the discussions held during the Lowry CAP Hearings.

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

Signed: \_\_\_\_\_ Date: 12/13/2024 Email: sfarkas@civiresources.com

Print Name: Scott Farkas Title: Lead, Permitting

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

ECMC Approved: \_\_\_\_\_ Director of ECMC Date: \_\_\_\_\_

**CONDITIONS OF APPROVAL, IF ANY LIST**

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.

COA Type	Description
0 COA	

## Operator Best Management Practices

<u>No</u>	<u>BMP/COA Type</u>	<u>Description</u>
1	Odor mitigation	1. Operator will use a filtration system and additives to the drilling and fracturing fluids to minimize odors 2. Operator shall utilize a closed-loop, pit-less mud system for managing drilling fluids. 3. Operator shall employ the use of drilling fluids with low to negligible aromatic contact (IOGP Group III) during drilling operations after the surface casing is set and freshwater aquifers are protected. 4. Operator shall remove drill cuttings daily and as soon as waste containers are full. 5. Operator shall employ pipe cleaning procedures when removing the drill pipe from the hole; these procedures may include "wiping" the pipe before racking it in the derrick. 6. Operator will utilize compressed air pneumatics. 7. Operator will utilize a pressurized maintenance vessel system which minimizes the need for venting during maintenance operations. 8. Operator will energize the proposed facility with utility power reducing odors associated with internal combustion engines.

Total: 1 comment(s)

### ATTACHMENT LIST

<u>Att Doc Num</u>	<u>Name</u>
404022931	SURFACE AGRMT/SURETY
404022937	REFERENCE AREA MAP
404023005	SURFACE PLAN
404024271	PRELIMINARY PROCESS FLOW DIAGRAMS
404025623	CULTURAL FEATURES MAP
404025626	DIRECTIONAL WELL PLAT
404025632	GEOLOGIC HAZARD MAP
404025633	LOCATION DRAWING
404025635	LOCATION PICTURES
404025645	REFERENCE AREA PICTURES
404026758	CPW CONSULTATION
404026761	NRCS MAP UNIT DESC
404028323	HYDROLOGY MAP
404028686	LAYOUT DRAWING
404029045	ALA NARRATIVE SUMMARY
404029057	ALA DATASHEET
404152162	OTHER
404226446	ACCESS ROAD MAP
404229032	LOCATION AND WORKING PAD GIS SHP
404252205	WILDLIFE HABITAT DRAWING
404254272	RELATED LOCATION AND FLOWLINE MAP

Total Attach: 21 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
OGLA	OGDP is being returned to Draft at operator's request for related remote location updates.	06/18/2025

Total: 1 comment(s)

## **Public Comments**

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

