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: 403206175 **(SUBMITTED)**

Date Received: 04/24/2023

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:

[X] 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
230400122		

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 #
[X] 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: 10456
Name: CAERUS PICEANCE LLC
Address: 1001 17TH STREET #1600
City: DENVER State: CO Zip: 80202

Contact Information

Name: Joei McKinley
Phone: (303) 565-4600
Fax: ( )
email: regulatory@caerusoilandgas.com

FINANCIAL ASSURANCE FOR THIS LOCATION (check all that apply)

[ ] Plugging, Abandonment, and Reclamation
[ ] Centralized E&P Waste Management Facility
[X] Gas Gathering, Gas Processing, and Underground Gas Storage Facilities 20190098
[ ] Surface Owner Protection Bond.

Federal Financial Assurance

[X] 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: PCU FED Number: A27-197 CDP

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.

QuarterQuarter: LOT 4 Section: 27 Township: 1S Range: 97W Meridian: 6 Ground Elevation: 6195

Latitude: 39.941218 Longitude: -108.274611

GPS Quality Value: 1.6 Type of GPS Quality Value: PDOP Date of Measurement: 09/20/2022

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 #
Production Facilities Location serves Well(s)		403206163

RELEVANT LOCAL GOVERNMENT SITING INFORMATION

County: RIO BLANCO 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: No

Date Relevant Local Government permit application submitted:

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

Status/disposition date:

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: Edward Smercina Contact Phone: 970-878-9586

Contact Email: edward.smercina@rbc.us

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: 04/06/2023

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: 04/24/2023

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: Tim Barrett Contact Phone: 970-878-3817

Contact Email: tbarrett@blm.gov Field Office: White River Field Office

Additional explanation of local and/or federal process:

On December 1, 2022, prior to submittal of the RNPU PHASE 1 Oil and Gas Development Plan (OGDP or Form 2C) and this PCU FED A27-197 Oil and Gas Location Assessment (OGLA or Form 2A), Caerus sent formal notice to Rio Blanco County (RBC), the local government with land use authority over siting of this CDP location, as required by COGCC Rule 302.e. and 303.e.(2) & (3). Further, prior to OGDP and OGLA submission, Caerus sent an amended notice to RBC on January 6, 2023 of project updates. As project updates were made prior to OGDP and OGLA submission, Caerus sent additional amended notices to RBC on January 26, 2023, and finally on March 21, 2023. Caerus consulted in person on February 9, 2023 with RBC's Emergency & Natural Resources Manager, Planner, and Building Inspector. As customary with RBC, Caerus will submit an Oil and Gas Well Special Use / Building Permit to RBC at least 30 days prior to construction.

Caerus consulted with the White River Field Office of the Bureau of Land Management (BLM) on many occasions during location siting and pre-application phases for this OGDP/OGLA. BLM Application for Permits to Drill (APDs) were submitted on or about April 6, 2023, for the 22 wells on the PCU FED B27-197 Well Pad, and the connected actions of its access road and pipelines and the PCU FED A27-197 CDP/Temp Frac pad, road, and pipelines. From the BLM APDs, the BLM is developing the necessary Rights of Way (ROW) documents and Temporary Use Permits that Caerus will execute. The wells drilled on the B27 Well Pad and produced to this A27 CDP will develop minerals in the Piceance Creek Unit and Revised North Piceance Unit. If BLM NEPA or approved APDs become available during the COGCC's consideration of this application, the documents will be submitted to the COGCC.

Pursuant to Rule 703.d., Caerus will submit a rider to its Gas Facility Blanket Bond (Surety ID: 20190098) for the appropriate amount. Further, Caerus will comply with any federal financial assurance requirements through the process described above.

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: 02/09/2023

Did a pre-application Formal Consultation Process occur with the Federal land manager per Rule 301.f.(3)? Yes

Date of federal consultation: 09/15/2022

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.

- [ ] i. WPS < 2,000 feet from RBU/HOBU
- [ ] ii. WPS < 2,000 feet from School/Child Care Center
- [ ] iii. WPS < 1,500 feet from DOAA
- [ ] iv. WPS < 2,000 feet from jurisdictional boundary and PLG objects/requests ALA
- [X] v. WPS within a Floodplain
- [ ] vi.aa. WPS within a surface water supply area
- [ ] vi.bb. WPS < 2,640 feet from Type III or GUDI well
- [ ] vii. WPS within/immediately upgradient of wetland/riparian corridor
- [X] viii. WPS within HPH and CPW did not waive
- [ ] ix. Operator using Surface bond
- [ ] 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
	39.937964	-108.264900								x				Tier III-A for meeting 304.b.(2).B.viii, would likely require 309.e.(5).D.ii.bb. & 1202.a.(3). CPW waiver + COGCC Director's exception needed for Absence of Aquatic Sportfish & Habitat [1202.c.(1).S.]
	39.951701	-108.277808								x				Tier III-A for meeting 304.b.(2).B.viii, would likely require 309.e.(5).D.i.-ii. CPW waiver + COGCC Director's exception, and would require 604.a.(2). exception via assumed-to-be granted waiver from BLM for property boundary between BLM and Caerus. [If the waiver were not granted, a siting variance would be required and would re-classify this location as Tier V.] This location may require consultation with or relief from Army Corps of Engineers.
	39.951514	-108.285695					x		x	x				Tier IV-B for meeting three 304.b.(2).B. criteria, HPH is 1202.d., and would require 604.a.(2). exception via assumed-to-be granted waiver from BLM for property boundary between BLM and Caerus. [If the waiver were not granted, a siting variance would be required and would re-classify this location as Tier V.] This location may require consultation with or relief from Army Corps of Engineers regarding nearby mapped wetlands.

SURFACE & MINERAL OWNERSHIP

Surface Owner Info:

Name: Bureau of Land Management Phone: 9708783800

Address: 220 E Market ST Fax:

Address: Email: tbarrett@blm.gov

City: Meeker State: CO Zip: 81641

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: By nearby well pad (PCU FED B27-197 at Form 2A No. 403206163) that produces to this CDP: COC61715 - SEC 22-T1S-R97W: LOTS 7-14 and other lands (developing 338.59 of 1952.05 lease acres), COC 62563 - SEC 27-T1S-R97W: LOTS 1-2 and other lands (developing 84.25 of 126.34 acres), and COD35729 - SEC 27-T1S-R97W: LOTS 3-6 and other lands (developing 168.82 of 1896.45 acres)

SITE EQUIPMENT LIST

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

Wells	0	Oil Tanks	0	Condensate Tanks	3	Water Tanks	3	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	3	Injection Pumps	0	Heater-Treaters	0	Gas Compressors	0
Gas or Diesel Motors	0	Electric Motors	16	Electric Generators	3	Fuel Tanks	0	LACT Unit	1
Dehydrator Units	0	Vapor Recovery Unit	0	VOC Combustor	0	Flare	0	Enclosed Combustion Devices	1
Meter/Sales Building	1	Pigging Station	4			Vapor Recovery Towers	0		

OTHER PERMANENT EQUIPMENT

Permanent Equipment Type	Number
Instrument Air/PDC Skid	1
Electrical Rack	1

OTHER TEMPORARY EQUIPMENT

Temporary Equipment Type	Number
Temporary Produced Water Tanks	20
Light Plants	10
Acid Tube	1
Mechanical Shack	1
Diesel Fuel Trucks	2
Transports	1
High Horse Power Pumps	16
Iron Missile	1
Boost Canon	2
Crane	1
Data Van	1
Pump Trailer	1
Hydration Unit	1
Knight Fire Suppression Trailer	1
Chemical Totes	12
Chemical Add Unit	1

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.

See Construction/Completions/Flowback & Interim Reclamation Production Schematic Layouts. For off-location flowlines, see Related Location & Flowline Map. Caerus is permitting a single, primarily 60' wide, buried pipeline corridor, extending from the west edge of the CDP down the ridge generally westerly approx. 8,168' to the Hatch Gulch Receiver tie-in to existing Caerus infrastructure for: (1) buried, up-to-16", natural gas pipeline for transport to 3rd party midstream processing facility for compression, dehydration, & final disposition; (2) buried, up-to-12", produced water gathering pipeline for treatment and recycling in other well completion operations; & (3) buried, up-to-12-inch, water delivery pipeline to supply recycled water for remote well stimulation operations.

CULTURAL DISTANCE AND DIRECTION

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

	Distance		Direction	Rule 604.b Conditions Satisfied (check all that apply): 604.b. (1)	604.b. (2)	604.b. (3)	Details of Condition(s)	604.b. (4)
Building:	5280	Feet	SW					
Residential Building Unit (RBU):	5280	Feet	SW	☐	☐	☐		☐
High Occupancy Building Unit(HOBU)	5280	Feet	NE	☐	☐	☐		☐
Designated Outside Activity Area:	5280	Feet	SE					
Public Road:	2055	Feet	NW					
Above Ground Utility:	3302	Feet	NW					
Railroad:	5280	Feet	NW					
Property Line:	2064	Feet	W					
School Facility:	5280	Feet	NE					
Child Care Center:	5280	Feet	NE					
Disproportionately Impacted (DI) Community:	5280	Feet	NW					

RBU, HOBU, or School Facility within a DI Community.	5280	Feet	NE	☐	☐	☐		☐

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	0	0
Residential Building Units	0	0	0
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: 5.69

Size of location after interim reclamation in acres: 2.23

Estimated post-construction ground elevation: 6196

DRILLING PROGRAM

Will a closed-loop drilling system be used? _____

Is H2S gas reasonably expected to be encountered during drilling operations at concentrations greater than or equal to 100 ppm? _____ If YES, attach H2S Drilling Operations Plan.

Will salt sections be encountered during drilling: _____

Will salt based (>15,000 ppm Cl) drilling fluids be used? _____

Will oil based drilling fluids be used? _____

DRILLING WASTE MANAGEMENT PROGRAM

Drilling Fluids Disposal: _____ Drilling Fluids Disposal Method: _____

Cutting Disposal: _____ Cuttings Disposal Method: _____

Other Disposal Description:

This location is a Central Delivery Point and temporary remote frac pad for nearby well pads. Any waste associated with this CDP location will be appropriately categorized and disposed of according to Caerus' Waste Management Plan.

Beneficial reuse or land application plan submitted? _____

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:

The current and primary uses of the land are natural gas development, rangeland, and wildlife habitat.

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

Rio Blanco County has zoned this area as Agricultural. As described above, the project lands and those surrounding - both federal and private surface - are primarily utilized for natural gas development, rangeland, and wildlife habitat.

Describe any applicable Federal land use designation:

This Oil and Gas Location is subject to, and in conformance with, the following Federal Land Use Plans: 1997 White River Record of Decision and Approved Resource Management Plan (ROD/RMP) as amended by the 2015 White River Field Office Oil and Gas Development Approved Resource Management Plan Amendment (RMPA).

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):

Current surface is designated as rangeland. Caerus does not anticipate the final land use to change.

Reference Area Latitude: 39.939600 Reference Area Latitude: 108.273635

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

Plant Community	Dominant vegetation
Shrub Land	Sagebrush & others more specifically identified in the attached Vegetation Assessment

Noxious weeds present: Yes

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: 6 - Barcus channery loamy sand, 2 to 8 percent slopes

NRCS Map Unit Name: 91 - Torriorthents-Rock outcrop complex, 15 to 90 percent slopes

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: 1656 Feet SW

Spring or Seep: 8019 Feet N

Estimated depth to shallowest groundwater that can be encountered at this Oil and Gas Location: 138 Feet

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

Water well, noted above as 1,656' away, is abandoned. Closest well listed is SC00109728ABB2, Depth to GW is ~7 feet. Elevation at the well is 6,062 feet, elevation at A27 is 6,193 feet, therefore Depth to GW is approximately 138 feet.

SURFACE WATER AND WETLANDS

Provide the distance and direction to the nearest downgradient surface Waters of the State, as defined 2640 Feet NW 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 NW

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

Perennial stream Piceance Creek is located 2,130 feet NW of the pad. Piceance Creek is mapped as Gold Medal Waters and Aquatic Native Species Conservation Waters. Piceance Creek is oriented cross gradient from the A27 CDP and would have a low impact potential from a pad release. A release from the pad would have to travel along the Lee Gulch ephemeral drainage over 1 mile to its confluence with Piceance Creek. In addition, Piceance Creek is separated from Lee Gulch and the pad site by CO RD 5.

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:

Through a consulting engineering firm, Caerus consulted with the Army Corps of Engineers (ACOE) regarding the more than 700' feet of Lee Gulch drainage re-route required along the western edge of the A27 pad. ACOE's recommendation for how to proceed is for Caerus to prove that Lee Gulch is non-jurisdictional. Caerus is concurrently working the issue.

Is the Location within a Floodplain? Yes Floodplain Data Sources Reviewed (check all that apply):

[X] 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:

[X]

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: 12/21/2022

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.c.(1).S - Sportfish mgmt waters, non-Gold Medal	x	x	x
1202.d.(2) - Elk migration & winter	x	x	x
1202.d.(3) - Mule deer migration & winter	x	x	x
1202.c.(1).R - Cutthroat trout habitat and others			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: $ 51857.9

Indirect Impacts:

Is Compensatory Mitigation required per Rule 1203.d for this Oil and Gas Location? Yes

Is a Compensatory Mitigation Plan proposed to address indirect 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

Indirect impact habitat mitigation fee amount: $ 159818.4

Operator Proposed Wildlife BMPs

No	Target Species	BMP Type	Description
1	MULE DEER & ELK	Wildlife - Minimization	Civil construction will be completed outside of the BLM Big Game Winter Range Timing Limitation from December 1 to April 30th.
2	MULE DEER & ELK	Wildlife - Minimization	Caerus has consulted with BLM (surface owner) on the appropriate seed mix for use during reclamation. CPW has concurred with the approved seed mix.
3	MULE DEER & ELK	Wildlife - Minimization	Caerus will implement three-phase gathering at the A27 197 CDP to reduce the need for onsite separation and fluid storage production facilities and reduce the need for increased acreage put into reclamation. Furthermore, centralized facilities significantly reduce the need for truck traffic that would have been necessary to transport produced water off-location for re-use or disposal.
4	MULE DEER & ELK	Wildlife - Minimization	Remote well control and monitoring (SCADA) to reduce traffic through work/project prioritization and increase emergency response efficiency.
5	MULE DEER & ELK	Wildlife - Minimization	Solar panels as an alternate energy source for on-location production equipment.
6	MULE DEER & ELK	Wildlife - Minimization	Caerus has volunteered to be a member of One Future and The Environmental Partnership. These voluntary programs require a commitment to reduce methane emissions. Caerus will report reduction targets and annual metrics through the Caerus ESG Report.
7	MULE DEER & ELK	Wildlife - Minimization	Green completions will be employed to reduce venting of natural gas to atmosphere during completions. Project Canary will be used for fence line air monitoring during pre-production operations on all new locations.
8	MULE DEER & ELK	Wildlife - Minimization	Only essential Caerus traffic will be permitted to access sites where active operations are occurring.
9	BLACK BEAR	Wildlife - Avoidance	The operator agrees to report bear conflicts immediately to CPW staff.

10	BLACK BEAR	Wildlife - Avoidance	The operator will store all garbage, trash, and debris in enclosed bear proof trash containers and transported to an approved disposal facility once per week during drilling and completions operations. No garbage, trash, and debris will be disposed of on location. The well site and access road will be kept free of trash and debris at all times.
11	BLACK BEAR	Wildlife - Avoidance	Caerus will conduct regular contractor and employee training with respect to black bear awareness, which will be reinforced during ongoing trainings at worksite tailgate meetings, monthly safety meetings, and EHS hazard identification programs.
12	MULE DEER & ELK	Wildlife - Minimization	Completions activities will take place remotely, on the A27 197 CDP, which is located in a valley bottom. The natural terrain features will create a buffer for associated sound.
13	MULE DEER & ELK	Wildlife - Minimization	Caerus will only operate during the daylight hours while completing Stages 1 and 2 (of well stimulation activities), to minimize associated sound during the night.

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
	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		
	Waste		
	Description	Operator will properly test for and dispose of TENORM	
	CDPHE Comment		
	Air		
	Description	Operator will properly maintain vehicles and equipment	
	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	Dust suppression: Operator will not use produced water or other process fluids for dust suppression	
	CDPHE Comment		
	Air		
	Description	Pipelines: Operator will use pipelines to transport water for hydraulic fracturing to and from location	
	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	Operator will implement ambient air quality monitoring on site	
	CDPHE Comment		
	Air		
	Description	Operator will implement a "hybrid production flowack method" or "modern production flowback method" (unlike the conventional or legacy flowback method, which uses temporary equipment to separate the oil, natural gas and water, the "hybrid-production flowback method" or "modern production flowback method" eliminates tanks by routing the oil, natural gas and water directly to permanent production equipment)	
	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	Operator will use non-emitting pneumatic controllers	
	CDPHE Comment		
	Air		
	Description	Engines: Operator will use tier III or better engines for fleets accessing site (service vehicles, sand delivery, haul, produced water, etc.)	
	CDPHE Comment		
	Air		
	Description	Pipelines: Operator will have adequate and committed pipeline take away capacity for all produced gas	
	CDPHE Comment		
	PFAS		
	Description	Caerus has confirmed with Rio Blanco Fire Protection that PFAS foam will not be used on the location, however if for any reason the fire leaves the location, the Rio Blanco Fire Protection will utilize foams and mechanisms as they see fit to remedy any fire hazards.	
	CDPHE Comment		
	Water		
	Description	Operator will recycle or beneficially reuse flowback and produced water for use downhole	
	CDPHE Comment		

PLANS

Total Plans Uploaded: 15

- [ ] (1) Emergency Spill Response Program consistent with the requirements of Rules 411.a.(4).B, 411.b.(5).B, & 602.j
- [X] (2) Noise Mitigation Plan consistent with the requirements of Rule 423.a
- [X] (3) Light Mitigation Plan consistent with the requirements of Rule 424.a
- [ ] (4) Odor Mitigation Plan consistent with the requirements of Rule 426.a
- [X] (5) Dust Mitigation Plan consistent with the requirements of Rule 427.a
- [ ] (6) Transportation Plan
- [X] (7) Operations Safety Management Program consistent with the requirements of Rule 602.d
- [X] (8) Emergency Response Plan consistent with the requirements of Rule 602.j

- [X] (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
- [X] (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
- [X] (13) Fluid Leak Detection Plan
- [X] (14) Topsoil Protection Plan consistent with the requirements of Rule 1002.c
- [X] (15) Stormwater Management Plan consistent with the requirements of Rule 1002.f
- [X] (16) Interim Reclamation Plan consistent with the requirements of Rule 1003
- [X] (17) Wildlife Plan consistent with the requirements of Rule 1201
- [X] (18) Water Plan
- [X] (19) Cumulative Impacts Plan
- [ ] (20) Community Outreach Plan
- [X] (21) Geologic Hazard Plan

VARIANCE REQUESTS

Check all that apply:

- [X] This proposed Oil and Gas Location requires the approval of a Rule 502.a variance from COGCC Rule or Commission Order number: 1003.B.

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.

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

OPERATOR COMMENTS AND SUBMITTAL

Comments

PCU FED A27-197 (A27) CDP/Temp Frac Pad is proposed to support production (prod.) & remote frac for 22 FED mineral, natural gas wells on FED surface of the PCU FED B27-197 (B27) Well Pad (Form2A No.403206175). Concurrently permitting w/COGCC, BLM, & Rio Blanco Co. (RBC). Caerus consulted w/COGCC, BLM, CPW, & RBC on siting, BMPs, & project plans prior to OGDP/OGLA. Attached is the of the Surface Use Plan of Operations (SUPO) supplied w/B27 BLM APDs on ~4/6/23, which includes plans for A27 CDP. (Some aspects of the SUPO are obsolete via pre-BLM deficiency letter phone calls btw BLM/Caerus, specifically re: bonding & setting final recl. surface marker.) If/when BLM NEPA &/or approved APDs are available, Caerus will provide a copy to the COGCC. Related Location & Flowline Map show the planned permitting for this CDP, which includes A27 proposed access road & pipelines from the CDP to existing infrastructure. 3-Phase separation will occur at the A27 CDP, w/condensate measured through a LACT meter & sold from the tank battery. Produced water (PW) will be transported via buried pipeline downstream to Caerus' existing infrastructure. Final disposition of PW will be one or more of the following options: 1)Divide Road Water Treatment Facility in SEC 26-4S-96W for recycling/re-use in well completion operations, 2)Love Ranch 8 Pad & Evaporation Pit in SEC 9-2S-97W for treatment, or 3)existing injection wells or to-be-repurposed for injection wells in SECs 1&12-2S-97W for disposal. Reuse/recycling timing is highly dependent on field water balance, but the typical window for storing recycled PW in preparation for completions can be ~30-90 days prior. For 22 B27 wells, roughly 84 days will be devoted for conveying the recycled sources to completions operations via a pipeline & once finished, flowback/PW is returned to the facilities via pipeline for treatment & storage or disposal in a permitted Class II Disposal well. Ideally, the water is again treated, stored, & recycled in Caerus' subsequent completions. With scheduling changes & other unforeseen events causing exceedance of infrastructure capacity, final disposition of the treated recycled water could be to Caerus' permitted Class 2 UIC wells. If injection is required, Caerus will submit a Form 4 to COGCC & a NOI Sundry to BLM, identifying the specific injection wells to be used, among other customary details. Natural gas will flow through an Enterprise custody transfer meter, located on the section-line in the center of SECs 16&21-2S-97W, for processing & final disposition. A27 CDP does not interact w/a COGCC-mapped floodplain, but a portion interacts w/FEMA floodplain. See Floodplain Shut-In Plan. See Sec 8 of Noise Plan for waivers & request to temp exceed during D&C. Plans not required for this loc. are:(1)Emergency Spill Response-Loc. is not w/in 2640' of groundwater under direct influence of surface water well/Type III well/surface water that is <15-mi. upstream of a PWS intake;(4)Odor-Loc. is not w/in 2000' of a BU/DOAA;(6)Transportation-Location is in RBC & does not require such plan;(10)H2S Drilling Ops-Caerus does not expect to encounter H2S during drilling;(12)Gas Capture-Caerus will connect prod. through a midstream gas gathering system prior to commencement of prod. operations;&(20)Community Outreach-Loc. is not w/in 2000' of a RBU/HOBU/school located w/in a DIC. Caerus will comply w/609 Statewide Groundwater Baseline Sampling & Monitoring & 603.f. statewide equipment/weeds/waste/trash requirements. Forms4 will be submitted to this Form2A if/when add'l well pads are approved in future Forms2A to produce to the A27. Reasons for not yet submitting add'l Forms2A: -Caerus would like to evaluate results from the B27 wells;-Caerus will make A27 CDP progressively modular in order to "right-size" prod. facilities & level-load the volume of prod. through the CDP to not overpressure it;&-Future wells may not be drilled until '26/'27;Caerus does not want to risk Form2A/BLM expirys.

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

Signed: _____ Date: 04/24/2023 Email: hhill@fieldinghilllllc.com

Print Name: Holly Hill Title: Regulatory Support

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.

COA Type	Description

0 COA

Best Management Practices

No	BMP/COA Type	Description
1	Wildlife	Caerus will utilize the PCU FED A27-197 (Form 2A No. 403206175) as a remote frac location and central gathering point of production from nearby well pads. The siting of the A27 197 CDP in a valley bottom provides for a natural terrain buffer BMP for associated sound. Furthermore, directional drilling on the nearby PCU FED B27-197 Well Pad and the combined, dual purposes of the A27 CDP are planned to minimize habitat loss and fragmentation. Caerus will implement the BMPs detailed and discussed further in the attached Wildlife Mitigation Plan starting on page 8, which will provide multiple natural resource benefits and promote adaptive management of the landscape. The majority of the BMPs Caerus will commit to are voluntary, however please note that the Wildlife Mitigation Plan derived from pre-OGDP/OGLA application consultation meetings with CPW.
2	Wildlife	Pursuant to Rule 309.e.(5).D.ii.bb. regarding the A27 CDP's Working Pad Surface within the HPH identified in Rule 1202.c.(1).S. for Aquatic Sportfish Management Waters, the following BMPs are agreed to by Caerus and CPW via the approved Wildlife Mitigation Plan: a. Contain Flowback and Stimulation Fluids in Tanks that are placed on a Working Pad Surface in an area with downgradient perimeter berming. b. Construct lined berms or other lined containment devices pursuant to Rule 603.o around any new crude oil, condensate, and produced water storage Tanks that are installed after January 15, 2021. c. Inspect the Oil and Location on a daily basis, unless the approved Form 2A provides for different inspection frequency or alternative method of compliance.** ** Caerus requested and CPW granted approval of less than daily site visits based on the following BMP: Critical production equipment will have SCADA instrumentation, set by engineered design, that will notify Caerus of any and all abnormal conditions. Personnel will respond and address the situation immediately. With this remote site monitoring, a physical site inspection frequency of less than once per day will avoid unnecessary disturbances to terrestrial wildlife species in the area. d. Maintain adequate Spill response equipment at the Oil and Gas Location during drilling and completion operations; and e. Not construct or use any Pits, except that Caerus may continue to use existing Pits that were properly permitted, constructed, operated, and maintained in compliance prior to January 15, 2021.
3	Wildlife	Pursuant to Rule 1202.c.(2).C. regarding access road and flowline/utility corridor clearing and installation activites within the HPHs identified in Rules 1202.c.(1).R-S. for Native Aquatic Species Conservation Waters and for Aquatic Sportfish Management Waters, the following BMPs are agreed to by Caerus and CPW via the approved Wildlife Mitigation Plan: Caerus will ensure that the pipeline is built to the Permitting and Pipeline Construction specifications listed in the BLM Gold Book standards and will employ several layers of stormwater controls including boring County Road 5 (CR5). Cuttings from the bore hole will be stored on the North-East side of CR5 away from Piceance Creek. Wattles, landforming, soil berming, mulching and seeding will be used as additional sediment and erosion control measures along the pipeline corridor.
4	Storm Water/Erosion Control	Caerus has created and provided the Stormwater Management Plan (Plan) as required by the Colorado Oil and Gas Conservation Commission (COGCC) Rule 304.c.(15). This Plan, per Rules 1002.f.(2), describes the Best Management Practices (BMPs) that will be implemented to address the potential pollutant sources that may reasonably affect the quantity and/or quality of stormwater discharge at the proposed oil and gas facility. Caerus will maintain the site-specific BMPs until the facility is Final Reclaimed, per Rule 1004, and Bond Release has been received. The site-specific stormwater BMPs employed at the disturbance will comply with COGCC, Colorado Department of Public Health and Environment (CDPHE) and White River Field Office Bureau of Land Management (BLM) stormwater regulations. The disturbance will be incorporated into Caerus' North Piceance field wide Stormwater Management Plan in compliance with CDPHE Water Quality Control Division (WQCD) General Permit No. COR4400646, will abide by COGCC's stormwater Rule 1002.f., and follow BLM Gold Book expectations. Per COGCC Rule 1002.f.(3), Caerus has developed a field wide Post-Construction Stormwater Program. The Post-Construction Stormwater Management Plan (PC-SWMP) goes into effect when a disturbance meets final stabilization requirements set forth by CDPHE WQCD General Permit.

5	Material Handling and Spill Prevention	Please refer to the Fluid Leak Detection Plan attached, which covers BMPs and operational practices for the CDP during all phases of pre- and post-production. Please also review the Waste Management Plan for material handling. Personnel are onsite during Completions 24/7 to inspect and monitor all equipment. During the completions phase, equipment is monitored and tracked onsite utilizing Electric Diagnose Controls which have built-in shutdown parameters to catch and prevent failures. Once the wells are turned on, they enter a flowback stage of which personnel is on location 24/7 to monitor and inspect equipment and operations. Once nearby wells are considered in the Production phase, they are connected to a Supervisory Control and Data Acquisition (SCADA) automated monitoring technology that allows real-time monitoring remotely. Critical production equipment will have SCADA instrumentation, set by engineered design, that will notify Caerus of any and all abnormal conditions. Personnel will respond and address the situation immediately. With this remote site monitoring, a physical site inspection frequency of less than once per day will avoid unnecessary disturbances to terrestrial wildlife species in the area. The A27 CDP is not located within a COGCC-mapped floodplain, however, a portion of the pad interacts with a FEMA-mapped floodplain. Please refer to the attached Floodplain Shut-In Plan. The pad location has been designed to incorporate an external berm, plus a raised access point to enter the location. This berm would act as tertiary containment. A raised access point will increase the elevation level to which any flooding would have to reach to get to the pad surface. The pad has also been designed with an area to store snow that is moved from the pad surface, minimizing additional potential damage and flooding concerns. During construction, on-location tanks and other equipment will be anchored properly to the ground to minimize the potential for equipment to move in case of a flood event. These cables and anchors will remain in place for the life of the pad. Inspections on location will assess the condition of the anchoring equipment at least annually.
6	Dust control	Active measures to prevent fugitive dust emissions from the pad, pad access entrance, and other connecting dirt roads during drilling, completion, and production operations will be implemented. Fugitive dust control measures to reduce dust and coating of vegetation and deposition in water sources include the use of water/fluid dust suppression application, the use of speed restrictions, and regular road maintenance. Please refer to the attached Dust Mitigation Plan for site specific control measures Caerus will adhere to.
7	Construction	The pad will be constructed as designed and shown on the Construction Layout and Cross Sections. During Construction, only the minimum amount of vegetation necessary for the construction of roads and facilities will be removed. Topsoil will be set aside and preserved during excavation. Topsoil will be re-used as cover on disturbed areas and perimeter berms. No construction or routine maintenance activities are performed during periods when the soil is too wet to adequately support construction equipment. Any stockpile(s) for topsoil and excess cut material will be located in work areas surrounded by the BMPs as shown on the Construction Layout. Stormwater BMPs will be installed as described in the Stormwater Management Plan (SWMP) and as shown on the Construction Layout. Disturbed areas of the site will be left in a surface roughened condition. BMPs will be protected, inspected, and repaired as necessary. All new flowline/pipeline installations will be performed in accordance with new flowline guidance and requirements in the COGCC 1100 Series Rules. All new offsite pipelines will be registered in accordance with the 1100 Series Rules. Berms or other containment devices shall be constructed to be sufficiently impervious (corrugated steel with synthetic liner) to adequately contain any spilled or released material around crude oil, condensate, and produced water storage tanks, while also ensuring the adequate prevention of significant adverse environmental impacts.
8	Noise mitigation	Pursuant to Rule 423.b.(4). for locations in HPH, during pre-application consultations, Caerus and CPW agreed to the Noise BMP of Caerus conducting Stages 1 and 2 of completions operations per well, which are generally considered the loudest stages, during daylight hours to minimize associated sound during the night.

9	Emissions mitigation	Caerus will implement enhanced green completions best management practices and route well production to a centralized facility for processing, storage, and sales. Loadout of condensate from storage tanks will use a LACT system, which helps minimize tank gauging activities. The storage tank and truck loadout vapor collection system design will be engineer-approved and controlled with an appropriately-sized enclosed combustor. Real-time on-site air monitoring will trigger alerts for potential emission events to promote data-driven leak-detection and repair efforts. Beyond this, Caerus will comply with all applicable air regulations implemented by the Air Quality Control Commission and Environmental Protection Agency.
10	Drilling/Completion Operations	FLOWBACK & STIMULATION/CONTAINMENT: Caerus will complete the PCU FED B27-197 wells from this remote location - the PCU FED A27-197 CDP, which will serve as the temporary frac support pad and central delivery point. Therefore, no permanent tanks will be situated on the PCU FED B27-197 Well Pad. As wells progress from the drilling stage to the completions stage temporary working tanks may be situated on the PCU FED B27-197 Well Pad, however, preliminary planning for simultaneous drilling and completions activities places all or a majority of the 15-20 500 bbl temporary tanks on the PCU FED A27-197 CDP/Frac Pad. Completion operations will be conducted from the PCU FED A27-197 CDP via a buried, water transfer line that will have a riser near the wells to be completed. On the PCU FED B27-197 Well Pad, a wireline truck, crane, and data van will be on location for roughly 18-months as the wells progress from the drilling to completions stage during Sim-Ops. The contents of the 15-20 500 bbl temporary tanks, currently planned to be situated on the PCU FED A27-197 CDP location will contain produced water. The temporary tanks will be placed laid upon an impervious synthetic or engineered liner which would be underlaid by road base. The liner will be sufficient to hold up to 150% of the largest tank on the location. Note, the entire Oil and Gas Locations for the PCU FED B27-197 Well Pad and PCU FED A27-197 CDP will include a compacted earthen berm perimeter around the operational areas.
11	Interim Reclamation	Caerus' Stormwater management is addressed through the Stormwater Management Plan (CDPHE Certification #COR400646 North Piceance). Run-on protection and run-off controls will be installed prior to the beginning of construction activities, with consideration given to worker safety, wildlife, and site access. Run-off and sediment control will be addressed when the soil is mostly dry and when seasonal and weather conditions are most favorable. Typically, road and location blading will occur after the winter and spring seasons. For more detailed information please review the Interim Reclamation Plan attached.
12	Final Reclamation	The disturbed areas surrounding the pad, including the access road will be recontoured to blend as nearly possible with the natural topography. Final grading of backfilled and cut slopes will be done to prevent erosion and encourage establishment of vegetation. Previously existing drainages will be re-established. The long-term objective is to establish a self-perpetuating plant community that is compatible with and capable of supporting the identified land use. Noxious weeds will be treated in accordance with applicable COGCC rules and county weed management requirements. For more detailed information please review the Final Reclamation Plan attached.

Total: 12 comment(s)

Attachment List

Att Doc Num	Name
403297144	NRCS MAP UNIT DESC
403379774	OTHER
403379782	CULTURAL FEATURES MAP
403379785	WILDLIFE HABITAT DRAWING
403379787	RELATED LOCATION AND FLOWLINE MAP
403379792	SURFACE PLAN
403379811	LOCATION DRAWING
403379818	OTHER
403379822	ECOLOGIC RESOURCE SURVEY
403379823	ECOLOGIC RESOURCE SURVEY
403379825	ECOLOGIC RESOURCE SURVEY
403379835	OTHER
403381360	EXCEPTION REQUEST LETTER
403381372	OTHER
403381401	REFERENCE AREA MAP
403381403	REFERENCE AREA PICTURES
403381404	ACCESS ROAD MAP
403381407	LOCATION PICTURES
403381408	CONST. LAYOUT DRAWINGS
403381410	LAYOUT DRAWING
403382491	ALA DATASHEET
403382518	CONSULTATION SUMMARY
403382633	VARIANCE REQUEST
403382681	ALA NARRATIVE SUMMARY
403520065	HYDROLOGY MAP
403520322	PRELIMINARY PROCESS FLOW DIAGRAMS
403520656	PRELIMINARY PROCESS FLOW DIAGRAMS
403520657	OTHER
403563878	LOCATION AND WORKING PAD GIS SHP

Total Attach: 29 Files

General Comments

User Group	Comment	Comment Date
OGLA	Form Returned to Draft as the GIS Shapefile is not populating to the map.	10/17/2023

Total: 1 comment(s)

Public Comments

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