

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:

402823114

(SUBMITTED)

Date Received:

02/24/2022

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: **318924**

OGDP ID:

Expiration Date:

☐ New Location ☐ Refile ☒ Amend Existing Location # 318924

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
220100009		

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: 10583

Name: PETRO OPERATING COMPANY LLC

Address: 9033 E EASTER PLACE SUITE 112

City: CENTENNIAL State: CO Zip: 80112-2105

Contact Information

Name: ALEX COREY

Phone: (713) 408-7174

Fax: ( )

email: alex.corey@iptenergyservices.com

FINANCIAL ASSURANCE FOR THIS LOCATION (check all that apply)

- ☒ Plugging, Abandonment, and Reclamation 20150075
- ☐ 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: LG Everist

Number: 2N66W30

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: Q1NW Section: 30 Township: 2N Range: 66W Meridian: 6 Ground Elevation: 4874  
Latitude: 40.113620 Longitude: -104.826150  
GPS Quality Value: 1.4 Type of GPS Quality Value: PDOP Date of Measurement: 01/07/2019

## 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 #

## RELEVANT LOCAL GOVERNMENT SITING INFORMATION

County: WELD Municipality: Fort Lupton

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: 10/03/2019

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

Status/disposition date: 01/07/2020

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: Alyssa Knutson Contact Phone: 303-857-6694

Contact Email: aknutson@fortluptonco.gov

## 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.

Type of Proximate Govt	County	Municipality	Contact Name	Contact Phone	Contact Email
County	WELD		Jason Maxey	(970) 400-3580	oged@weldgov.com

## 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:

## 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: 01/07/2020

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? 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/HOB                                    | <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 checked="" 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 checked="" type="checkbox"/> v. WPS within a Floodplain  | <input type="checkbox"/> ix. Operator using Surface bond  |
|   | <input checked="" type="checkbox"/> x. WPS < 2,000 feet from RBU/HOB/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
	40.110080	-104.826970	x				x			x			x	HPH inside location, surface water inside location, building <500' from location. Would need to build location. Location is already built at proposed site.
	40.135060	-104.814240	x							x		x	x	Proximal to RBU within DIC. More difficult to access minerals. Proximal to HPH and South Platte River. Would need to build location. Location is already built at proposed site.

## SURFACE & MINERAL OWNERSHIP

Surface Owner Info:

Name: City of Aurora

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

Address: 15151 E. Alameda Pkwy

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

Address: Suite 3600

Email: access@auroragov.org

City: Aurora State: CO Zip: 80012

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	<u>13</u>	Oil Tanks	<u>4</u>	Condensate Tanks	<u>0</u>	Water Tanks	<u>2</u>	Buried Produced Water Vaults	<u>0</u>
Drilling Pits	<u>0</u>	Production Pits	<u>0</u>	Special Purpose Pits	<u>0</u>	Multi-Well Pits	<u>0</u>	Modular Large Volume Tank	<u>0</u>
Pump Jacks	<u>0</u>	Separators	<u>8</u>	Injection Pumps	<u>0</u>	Heater-Treaters	<u>4</u>	Gas Compressors	<u>2</u>
Gas or Diesel Motors	<u>0</u>	Electric Motors	<u>4</u>	Electric Generators	<u>1</u>	Fuel Tanks	<u>0</u>	LACT Unit	<u>1</u>



Dehydrator Units 0 Vapor Recovery Unit 4 VOC Combustor 0 Flare 0 Enclosed Combustion Devices 0  
 Meter/Sales Building 1 Pigging Station 2 Vapor Recovery Towers 0

## OTHER PERMANENT EQUIPMENT

Permanent Equipment Type	Number
ECD	2
Surge Vessel	1

## OTHER TEMPORARY EQUIPMENT

< No Row Provided >

## 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.

Intra-facility flowlines are generally 2" or 3" fusion bonded Schedule 40 & 80 steel.

## 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):			Details of Condition(s)	604.b. (4)
				604.b. (1)	604.b. (2)	604.b. (3)		
Building:	605	Feet	N					
Residential Building Unit (RBU):	1243	Feet	NW	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Owners explicitly agree with informed consent.	<input type="checkbox"/>
High Occupancy Building Unit(HOBU)	5280	Feet	S	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Designated Outside Activity Area:	5280	Feet	S					
Public Road:	827	Feet	N					
Above Ground Utility:	0	Feet	S					
Railroad:	4624	Feet	E					
Property Line:	0	Feet	S					
School Facility:	5280	Feet	S					
Child Care Center:	5280	Feet	S					
Disproportionately Impacted (DI) Community:	837	Feet	N					
RBU, HOBU, or School Facility within a DI Community.	1336	Feet	NE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Owner explicitly agree with informed consent.	<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	0	5
Residential Building Units	0	0	5
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: 3.40

Size of location after interim reclamation in acres: 2.70

Estimated post-construction ground elevation: 4875

## 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:

LG Everist Mining Company surface sand and gravel mine.

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

Zoning Designation: Exempt. Land Use: LG Everist Mining Company surface sand and gravel mine.

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):

LG Everist Mining Company surface sand and gravel mine.

Reference Area Latitude: 40.114030

Reference Area Latitude: -104.825330

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: #3, Aquolls and Aquents, gravelly substratum

NRCS Map Unit Name: #10, Ellicott-Ellicott sandy-skeletal complex, 0 to 3 percent slopes, rarely flooded.

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: 0 Feet SE

Spring or Seep: 5280 Feet S

Estimated depth to shallowest groundwater that can be encountered at this Oil and Gas Location: 5 Feet

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

1. Downgradient surface water feature: 10' to standing pond to south of proposed facility.
2. Water well: Permit 4234-F is the nearest completed well, Depth and perf at 28', aprx 181' from LG Everist 12.
3. Estimated depth to ground water: Within half mile radius, shallowest perf is at 5'.

## SURFACE WATER AND WETLANDS

Provide the distance and direction to the nearest downgradient surface Waters of the State, as defined 10 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: 2640 Feet E

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

The nearest downgradient surface water of the state is a ditch/standing pond directly to the south of location. Any contaminants from this proposed location would be directed into this ditch where they would be contained. Normal precipitation is insufficient to breach the boundaries of this ditch.

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? Yes 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? Yes

## 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 03/16/2021 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): 1203

## 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	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? 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?

CPW has waived any mitigation associated with this location, determining that the High Priority Habitat has previously been removed by the active LG Everist sand and gravel surface mining operation. Correspondance with CPW included in the attachments.

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?

CPW has waived any mitigation associated with this location, determining that the High Priority Habitat has previously been removed by the active LG Everist sand and gravel surface mining operation. Correspondance with CPW included in the attachments.

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

## PLANS

Total Plans Uploaded: 17

- ☐ (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 existing Counter-62N66W #30NWNW well will be PA prior to anything else at this location and pipeline removed.</p> <p>The Location ID data references the planned LG Everist 1 well. Cultural Items notes an overhead power line at 0 feet from the Production Facility. This overhead line will be removed prior to construction of the facility. For the Production Facility, the Tanks are set back from the property line at least 2 tank diameters.</p> <p>The attached Location Pictures show piles of rubble on site, which will be removed prior to building the location. The site has previously been leveled and graded by the gravel pit operator as part of their operations. There is no topsoil on the site and no topsoil will be stripped or segregated.</p> <p>Location will be covered under this operator's fieldwide SWMP permit #COR03U423. Annual flowline testing will also occur according to COGCC rules 1101 and 1102. Inspection and record retention of flowline testing will be in accordance per COGCC regulation. All records will be made available to the COGCC upon to request. All tanks will be visually inspected by the operator weekly at a minimum to a maximum of daily and annual SPCC inspections will be conducted and documented. Inspection and record retention of tank inspections.</p> <p>Access Point Map and Notification Zone Drawing attached and saved as "Other".</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: 02/24/2022 Email: jdonahue@ardorenvironmental.com

Print Name: Jessica Donahue Title: Compliance Specialist

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**

### **Best Management Practices**

#### **No BMP/COA Type**

#### **Description**

1	Planning	604.c.(2)N: Control of fire hazards: All material that is considered a fire hazard shall be a minimum of 25 feet from the wellhead tanks or separators. Electrical equipment shall comply with API IRP 500 and will comply with the current national electrical code.
2	Planning	604.c.(2)M: Fencing: The location will be adequately fenced to restrict access by unauthorized persons.
3	Traffic control	604.c.(2)S: Access Roads: The access road will be constructed to accommodate emergency vehicles. This road will be maintained for access at all times. Traffic will be routed to minimize local interruption. During construction and through the life of this location, Operator will utilize gravelling and watering, via water trucks, to control fugitive dust.
4	General Housekeeping	804: Visual Impacts: All long term facility structures will be painted a color that enables the facilities to blend in with the natural background color of the landscape, as seen from a viewing distance and location typically used by the public.
5	General Housekeeping	Operator will maintain appearance with garbage clean-up; a trash bin will be located on site to accumulate waste by the personnel drilling the wells. Site will have unused equipment, trash and junk removed immediately.
6	General Housekeeping	604.c.(2)P. Trash Removal: All trash, debris and material not intrinsic to the operation of the oil and gas facility shall be removed and legally disposed of as applicable.
7	Storm Water/Erosion Control	Implement and maintain BMPs to control stormwater runoff in a manner that minimizes erosion, transport of sediment offsite, and site degradation. Co-locate gas and water gathering lines whenever feasible, and mitigate any erosion problems that arise due to the construction of any pipeline(s).
8	Storm Water/Erosion Control	Vehicle trackout control measures will be installed at access road entrance to pad.
9	Material Handling and Spill Prevention	604.c.(2)F. Leak Detection Plan: Operator will monitor production facilities daily to identify fluid leaks, including, but not limited to, visually inspecting all wellheads, tanks and fittings. Annual flowline testing will also occur according to COGCC rules 1101 and 1102. Inspection and record retention of flow line testing will be in accordance per COGCC regulation. All records will be made available to the COGCC upon request.
10	Material Handling and Spill Prevention	604.c.(2)R Tank Specifications: Tanks will be designed, constructed and maintained in accordance with NFPA Code 30 (2008 version). All tanks are visually inspected by the operator weekly at a minimum to a maximum of daily.



11	Material Handling and Spill Prevention	604.c.(3)B. Berm Construction. Tank berms shall be constructed of steel rings with a synthetic or engineered liner and designed to contain 150% of the capacity of the largest tank. All berms will be visually checked weekly at a minimum to a maximum of daily to ensure proper working condition. Secondary containment devices shall be sufficiently impervious to contain any spilled or released material. Tertiary containment, such as an earthen berm, will be installed around production facilities. All berms will be visually checked daily to ensure proper working condition.
12	Material Handling and Spill Prevention	Operator will install a 30mil Liner, set under main rig fuel tank and mud storage tanks for containment of any possible spills. These will be inspected daily while rig is onsite.
13	Dust control	805.c. Operator shall employ practices for control of fugitive dust caused by their operations. Such practices shall include but are not limited to the use of speed restrictions, regular road maintenance, restriction of construction activity during high wind days, and silica dust controls when handling sand used in hydraulic fracturing operations. Additional management practices such as road surfacing, wind breaks and barriers may be used.
14	Construction	803. Temporary lighting will be installed around the facility to allow both the operator and haulers to conduct safe operations at night. All lights will be directed down toward the location or shielded so no light pollution leaves the facility. Once the drilling and completion operations are completed all lighting will be removed.
15	Construction	604.c.(2).Q. All guy line anchors left buried for future use shall be identified by a marker of bright color not less than four (4) feet in height and not greater than one (1) foot east of the guy line anchor.
16	Construction	604.c.(2).E. This will be a multi-well pad, located in a manner which allows for the greatest distances possible from building units.
17	Noise mitigation	604.c.(2)A. Sound wall (32' high) will be installed on the north, east, and west side of the pad (in each direction of a Residential Building Unit).
18	Emissions mitigation	Operator will bring a new gas sales lines, in a timely manner, to send salable quality gas immediately down the sales line.
19	Emissions mitigation	604.c.(2)C.i. Green Completions - Emission Control System. Test separators and associated flow lines and sand traps shall be installed on-site to accommodate green completions techniques pursuant to COGCC Rules.
20	Odor mitigation	805. Oil & gas facilities and equipment shall be operated in such a manner that odors and dust do not constitute a nuisance or hazard to public welfare.
21	Drilling/Completion Operations	604.c.(2).K. Pit level Indicators shall be used for tanks on location.
22	Drilling/Completion Operations	604.c.(2).O. All loadlines shall be bull plugged or capped.
23	Drilling/Completion Operations	604.c.(2)B.i. Operator will be utilizing a closed loop system.
24	Drilling/Completion Operations	604.c.(2)T. Within 90 days subsequent to the time of plugging and abandonment of the entire site, superfluous debris and equipment shall be removed from the site. Identification of plugged and abandoned wells will be identified pursuant to 319.a.(5).
25	Drilling/Completion Operations	604.c.(2).U. The operator shall identify the location of the wellbore with a permanent monument as specified in Rule 319.a.(5). The operator shall also inscribe or imbed the well number and date of plugging upon the permanent monument.
26	Drilling/Completion Operations	Operator will conduct daily leak and spill inspections during drilling activities.
27	Interim Reclamation	Operator will do no grading or excavating other than to construct stormwater BMPs. The site has already been constructed and is in its final configuration. No interim reclamation will be performed.
28	Interim Reclamation	Operator shall be responsible for backfilling, re-compacting, reseeding, and re-contouring the surface of any disturbed area so as not to interfere with the existing gravel operation and shall reclaim such area to pre-existing conditions as best as possible with control of any noxious weeds.

Total: 28 comment(s)

## Attachment List

<u>Att Doc Num</u>	<u>Name</u>
402851981	LOCATION PICTURES
402851994	REFERENCE AREA PICTURES
402852000	OTHER
402852001	PRE-APPLICATION NOTIFICATION CERTIFICATION
402965122	LOCAL/FED FINAL PERMIT DECISION
402965134	INFORMED CONSENT LETTER
402965135	INFORMED CONSENT LETTER
402965136	INFORMED CONSENT LETTER
402965137	PRE-APPLICATION NOTIFICATION CERTIFICATION
402965139	PRE-APPLICATION NOTIFICATION CERTIFICATION
402965146	SURFACE AGRMT/SURETY
402965160	OTHER
402965169	CPW WAIVER
403038632	CPW CONSULTATION
403038641	LOCAL/FED FINAL PERMIT DECISION
403082879	NRCS MAP UNIT DESC
403082880	NRCS MAP UNIT DESC
403082881	NRCS MAP UNIT DESC
403090222	LOCATION DRAWING
403090225	LAYOUT DRAWING
403090228	ACCESS ROAD MAP
403090230	RELATED LOCATION AND FLOWLINE MAP
403090231	DISPROPORTIONATELY IMPACTED COMMUNITY MAP
403090247	GEOLOGIC HAZARD MAP
403090254	WILDLIFE HABITAT DRAWING
403090258	DIRECTIONAL WELL PLAT
403090269	CULTURAL FEATURES MAP
403090350	ALA DATASHEET
403090354	ALA NARRATIVE SUMMARY
403090362	REFERENCE AREA MAP
403090511	PRELIMINARY PROCESS FLOW DIAGRAMS
403090535	HYDROLOGY MAP
403119832	LOCATION AND WORKING PAD GIS SHP

Total Attach: 33 Files

## General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
OGLA	Form Returned to Draft for GIS Shapefile not uploading correctly.	07/27/2022

Total: 1 comment(s)

## **Public Comments**

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

