

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: NWNE Section: 23 Township: 9S Range: 94W Meridian: 6 Ground Elevation: 7142

Latitude: 39.268132 Longitude: -107.847692

GPS Quality Value: 0.9 Type of GPS Quality Value: PDOP Date of Measurement: 09/04/2024

RELATED REMOTE LOCATIONS

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

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

RELEVANT LOCAL GOVERNMENT SITING INFORMATION

County: MESA Municipality: N/A

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

This proposed Oil and Gas Location is in an area designated as one of State interest and subject to the requirements of § 24-65.1-108, C.R.S. No

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

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

Date Relevant Local Government permit application submitted: 08/29/2024

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

Status/disposition date: 09/27/2024

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: Faye Hall Contact Phone: (970) 244-1759

Contact Email: faye.hall@mesacounty.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: 09/30/2024

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: 10/01/2024

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: Wesley Toews Contact Phone: 970.876.9000

Contact Email: wtoews@blm.gov Field Office: Colorado River Valley Field Office

Additional explanation of local and/or federal process:

While Oil and Gas Drilling is an allowed use, Oil and Gas Locations must be permitted within Mesa County. Laramie submitted an Oil and Gas Location Application to Mesa County on August 29th, 2024. The Land Development Application Public Notice sign for the application was posted at the entrance of the proposed access road and 64 3/10 Road (public road) on September 6, 2024, through September 27, 2024. The Mesa County Community Development Planning Division issued the Oil and Gas Site Location Approval Document on September 27, 2024, with conditions for operations. Mesa County states no public comments were received. The Mesa County Permit is attached to the Form 2A as "Local Final Permit Decision".

Laramie prepared and submitted BLM federal lease Applications for Permit to Drill (APD) for the one (1) federal well on September 30, 2024. Federal lease will develop natural gas resources from the Federal Lease COC 50945 consistent with existing federal lease rights. Once the permit applications are deemed complete, the BLM will proceed with an Environmental Analysis (EA) for the pad and wells as required by the National Environmental Policy Act for any Federal action. Once the EA is completed, Laramie Energy will supply the ECMC with the Decision Record for the EA as well as copies of the Federal APD.

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: 07/23/2024

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

Date of federal consultation: 07/10/2024

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

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

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

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

ALTERNATIVE LOCATIONS DASHBOARD

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

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

#	latitude	longitude	i	ii	iii	iv	v	vi	vii	viii	ix	x	Variance Required?	Comments
	39.265765	-107.845036	x								x	x		AL 2: Tier IV-A. There is one (1) RBU within 2,000 feet of AL2 & is located 935 feet from AL 2. AL2 would not meet Rule 604.a(2). setback distances as AL2 would cross multiple parcel lines and involve 3 different landowners. Laramie does not have an established SUA for AL2. In discussions with landowners in the area, including the owner of the Preferred Location, stated that they would not enter a SUA if the pad crossed parcel lines.
	39.267941	-107.850770	x									x		AL 4: Tier IV-4. AL4 has more RBUs within a 2,000 feet radius and is closer distance to RBUs than the preferred location. Alternative Location 4 was eliminated due to the increased number of RBUs and being in closer proximity to homes.
	39.263708	-107.848892	x									x		AL1: Tier IV-A. The David 23-07 Pad (Location # 334500) was constructed in 2007 & currently has 14 producing wells. Targeted minerals could be reached from AL1. The current size of the production pad surface could not accommodate proposed operations & the current footprint would have to be expanded & required 70,000 cy of fill. There are 4 RBUs within 2,000 feet of AL 1 WPS. The nearest RBU is located 548 feet. Of all the locations assessed, AL1 is the nearest distance to RBUs.
	39.264606	-107.851057	x									x		AL3: Tier IV-4. AL3 has the most RBUs within 2,000 feet when compared to the other alternative locations discussed. Seven (7) RBUs are situated within 2,000 feet of Alternative Location 3. The nearest RBU would be 667 feet from the WPS, over 1,000 feet closer to an RBU than the preferred Location, Laramie eliminated Alternative Location 3 due to the proximity and number of RBUs adjacent to the location.

SURFACE & MINERAL OWNERSHIP

Surface Owner Info:

Name: Colorado Canyon Ranch LLC

Phone: 9704815217

Address: 9800 Metcalf Ave

Fax: _____

Address: 5th Floor

Email: dmccarty@kompaskapital.com

City: Overland Park State: KS Zip: 66212

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: No

Lease description if necessary: Both fee and federal minerals will be developed. Mineral development is for the Mancos and Niobrara Formations for 1,446 acres in the of Section 23, and Sections 14 and 11, Township 9 South, Range 94 West, 6th P.M. Mesa County, Colorado.

SITE EQUIPMENT LIST

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

Wells	<u>2</u>	Oil Tanks	<u>1</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>2</u>	Injection Pumps	<u>0</u>	Heater-Treaters	<u>0</u>	Gas Compressors	<u>0</u>
Gas or Diesel Motors	<u>0</u>	Electric Motors	<u>0</u>	Electric Generators	<u>0</u>	Fuel Tanks	<u>0</u>	LACT Unit	<u>0</u>
Dehydrator Units	<u>0</u>	Vapor Recovery Unit	<u>0</u>	VOC Combustor	<u>0</u>	Flare	<u>0</u>	Enclosed Combustion Devices	<u>1</u>
Meter/Sales Building	<u>0</u>	Pigging Station	<u>0</u>			Vapor Recovery Towers	<u>0</u>		

OTHER PERMANENT EQUIPMENT

Permanent Equipment Type	Number
Portable Chemical Storage Unit	4
Water Pump	2
Line Heaters (heat exchangers)	2
Sand Trap	2
Gunbarrel Tank - 400 bbl capacity	1
Sand Tank - 400 bbl capacity	1
Thermoelectric Generator	1
Heat exchanger with burner	2
Power Generator	2
Fuel Gas Scrubber	2
Knockout and Pump	1

OTHER TEMPORARY EQUIPMENT

Temporary Equipment Type	Number
Rig Trip tanks	2
Upright Tanks Mud Storagee	3
Rig diesel tank	3
Mud shack	1
Closed Loop Solids Control Equipmen	7
Rig Mud pits (active capacity)	2
Generators	2
Upright tanks Freshwater storage	7

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.

The CCR Pad will include several types of lines within the site perimeter to accommodate associated activities. All flowlines will be buried 4 feet below the surface. The material used for each flowline is compatible to transfer the substance under a variety of conditions. Crude oil transfer lines will not be installed within the perimeter of the Laramie CCR Pad. Each well (2 horizontal wells proposed) will have a flowline that is connected to a separator within the WPS. A 4-inch fusion bonded epoxy (FBE) coated carbon steel flowline will start at each of the 2 wellheads and connect to the separators. The FBE coating is non-toxic, and the FBE coated carbon steel flowline is resistant to corrosion. Laramie will also install sacrificial anodes on the flowlines to provide cathodic protection providing further resistance to corrosion. For additional flowline details, please see the Plan of Development, attached to the Form 2A.

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:	1385 Feet	S					
Residential Building Unit (RBU):	1873 Feet	W	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	All RBU Owners and the tenant within 2,000 feet of the CCR WPS have signed Informed Consent.	<input type="checkbox"/>
High Occupancy Building Unit(HOBU)	5280 Feet	W	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Designated Outside Activity Area:	5280 Feet	W					
Public Road:	1560 Feet	NW					
Above Ground Utility:	1760 Feet	SW					
Railroad:	5280 Feet	NW					
Property Line:	115 Feet	N					
School Facility:	5280 Feet	SW					
Child Care Center:	5280 Feet	W					
Disproportionately Impacted (DI) Community:	0 Feet	E					
RBU, HOBU, or School Facility within a DI Community.	1873 Feet	W	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	All RBU Owners and the tenant within 2,000 feet of the CCR WPS have signed 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	<u>0</u>	<u>0</u>	<u>2</u>
Residential Building Units	<u>0</u>	<u>0</u>	<u>2</u>
High Occupancy Building Units	<u>0</u>	<u>0</u>	<u>0</u>
School Properties	<u>0</u>	<u>0</u>	<u>0</u>
School Facilities	<u>0</u>	<u>0</u>	<u>0</u>
Designated Outside Activity Areas	<u>0</u>	<u>0</u>	<u>0</u>

CONSTRUCTION

Size of disturbed area during construction in acres: 7.50

Size of location after interim reclamation in acres: 2.30

Estimated post-construction ground elevation: 7142

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: ONSITE

Drilling Fluids Disposal Method: Recycle/reuse

Cutting Disposal: OFFSITE

Cuttings Disposal Method: _____

Other Disposal Description:

Drill cuttings will be hauled for disposal. Drilling fluids will be reused for the 2nd well or subsequent operations on the next well pad.

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:

Non-crop land. Pasture used for grazing livestock.

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

The CCR Pad is located in the Agricultural, Forestry, Transitional (AFT) zone district.

Describe any applicable Federal land use designation:

None

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):

Grazing land for livestock

Reference Area Latitude: 39.266471

Reference Area Longitude: -107.852554

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

Plant Community	Dominant vegetation
Shrub Land	smooth brome (Bromus inermis)
Shrub Land	Kentucky bluegrass (Poa pratensis)

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

NRCS Map Unit Name: Fughes clay loam, 2 to 6 percent slopes (Map Unit 37)

NRCS Map Unit Name:

NRCS Map Unit Name:

GROUNDWATER AND WATER WELL INFORMATION

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

water well: 1846 Feet W

Spring or Seep: 9092 Feet NW

Estimated depth to shallowest groundwater that can be encountered at this Oil and Gas Location: 100 Feet

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

State Engineer's Office and USGS records were reviewed to gather additional information pertaining to the occurrence and depth of shallow groundwater. There are three permitted domestic water wells identified within 2,640 feet of the well pad. Two of the wells are higher elevation than the pad. Domestic well Permit No. 189370 located 1,848 feet 269°W from the proposed pad - groundwater resource verification for this well involved a monitoring/Observation Hole prior to drilling the well to a total depth of 184 feet with a static water level recorded at 135 feet. Domestic water well located 1,889 feet 269°W of proposed well is permitted under Permit No. 231809 with a total depth of 340 feet, static water level of 183 feet, and projected well yield of 8-10 gpm. The third and most distant domestic well, located 2,221 feet 160°S and is located at a higher elevation. This well permitted under Permit No. 181722 has a static water level of 194.7 feet and total depth of 258 feet.

SURFACE WATER AND WETLANDS

Provide the distance and direction to the nearest downgradient surface Waters of the State, as defined 578 Feet N

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? Yes

Provide the distance and direction to the nearest downgradient wetland, measured from the Working Pad Surface: 578 Feet N

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

Buzzard Creek, a perennial stream, is located downgradient 578 feet north at the nearest point. Buzzard Creek contains field-verified wetland features downgradient of the well pad. Wetland habitat consisting of dense willow thickets (*Salix planifolia* and *Salix exigua*) occur adjacent to Buzzard Creek. Dense vegetation comprised of oakbrush, mountain shrublands, and willows are present along the hillside below the proposed CCR Pad location, creating a natural buffer.

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

Public Water System Administrator - Contact Name _____ Email _____

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

Public Water System Administrator - Contact Name _____ Email _____

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

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

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

Federal (FEMA) State County Local

Other

Does this proposed Oil and Gas Location lie within a Sensitive Area for water resources, as defined in the

CONSULTATION, WAIVERS, AND EXCEPTIONS

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

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

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

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

Pre-application Consultation:

- A pre-application consultation with CPW, regarding this Oil and Gas Location, occurred 04/11/2024 on:

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

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

HIGH PRIORITY HABITAT AND COMPENSATORY MITIGATION

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

< No row provided >

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

Direct Impacts:

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

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

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

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

N/A

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

Direct impact habitat mitigation fee amount: \$ _____

Indirect Impacts:

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

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

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

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

N/A

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

Indirect impact habitat mitigation fee amount: \$ _____

Operator Proposed Wildlife BMPs

No BMP

AIR QUALITY MONITORING PROGRAM

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

Operator Proposed BMPs

No BMP

PLANS

Total Plans 17
Uploaded:

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

- (8) Emergency Response Plan consistent with the requirements of Rule 602.j
- (9) Flood Shut-In Plan consistent with the requirements of Rule 421.b.(1)
- (10) Hydrogen Sulfide Drilling Operations Plan consistent with the requirements of Rule 612.d
- (11) Waste Management Plan consistent with the requirements of Rule 905.a.(4)
- (12) Gas Capture Plan consistent with the requirements of Rule 903.e
- (13) Fluid Leak Detection Plan
- (14) Topsoil Protection Plan consistent with the requirements of Rule 1002.c
- (15) Stormwater Management Plan consistent with the requirements of Rule 1002.f
- (16) Interim Reclamation Plan consistent with the requirements of Rule 1003
- (17) Wildlife Plan consistent with the requirements of Rule 1201
- (18) Water Plan
- (19) Cumulative Impacts Plan
- (20) Community Outreach Plan
- (21) Geologic Hazard Plan

VARIANCE REQUESTS

Check all that apply:

- This proposed Oil and Gas Location requires the approval of a Rule 502.a variance from ECMC Rule or Commission
Order number: _____

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

RULE 304.d LESSER IMPACT AREA EXEMPTION REQUESTS

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

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

OPERATOR COMMENTS AND SUBMITTAL

Comments Laramie Energy's 2024 CCR 0994-23-02 OGDG proposed mineral development of the Mancos and Niobrara Formations for 1,446 acres in the of Section 23, and Sections 14 and 11, Township 9 South, Range 94 West, 6th P.M. Mesa County, Colorado. Laramie will be developing and producing natural gas resources from one (1) Federal Lease (COC 50945) consistent with existing federal lease rights.

The following ECMC Rule 304.c Plans are NOT required for this submittal:

ECMC Rule 304.c.(6) A Transportation Plan is not required by the Relevant Local Government. Traffic projections for proposed operations are provided in the 2024 CCR 0994-23-02 Plan of Development.

ECMC Rule 304.c.(9) Flood Shut-In Plan: CCR 0994-23-02 is Not located within a floodplain.

ECMC Rule 304.c.(10) Hydrogen Sulfide Drilling Operations Plan: Will not be drilled into formations that historically contain H₂S. There are no known occurrences of Hydrogen Sulfide in the Mancos Group in 9S 94W.

ECMC Rule 304.c.(12) Gas Capture Plan: Operator is committed to a gathering system connection.

There are two RBUs within 2,000 feet of the CCR Pad WPS. All RBU Owners and tenants within 2,000 feet of the CCR WPS have signed Informed Consents and satisfies ECMC Rule 604.b(1).

Laramie conducted outreach to RBUs within 2,300 feet of the WPS. Additional Informed Consents were signed for RBUs between 2,001 feet to 2,300 feet. Signed Informed Consents are attached to the Form 2A and the Community Outreach Plan.

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

Signed: _____ Date: 10/01/2024 Email: kmiddleton@laramie-energy.com

Print Name: Katy Middleton Title: Permitting Consultant

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

ECMC Approved: _____ Director of ECMC Date: _____

CONDITIONS OF APPROVAL, IF ANY LIST

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

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

Operator Best Management Practices

<u>No BMP/COA Type</u>	<u>Description</u>

ATTACHMENT LIST

<u>Att Doc Num</u>	<u>Name</u>
403921289	ACCESS ROAD MAP
403921290	DISPROPORTIONATELY IMPACTED COMMUNITY MAP
403921299	HYDROLOGY MAP
403921300	LOCATION DRAWING
403921303	NRCS MAP UNIT DESC
403921309	CULTURAL FEATURES MAP
403921310	GEOLOGIC HAZARD MAP
403921311	LOCATION PICTURES
403921313	SURFACE AGRMT/SURETY
403921316	CONSULTATION SUMMARY
403921317	CPW CONSULTATION
403923016	DIRECTIONAL WELL PLAT
403924883	MINERAL LEASE MAP
403926018	WILDLIFE HABITAT DRAWING
403940316	CONSULTATION SUMMARY
403940319	LOCAL/FED FINAL PERMIT DECISION
403940551	LOCATION AND WORKING PAD GIS SHP
404065038	CONSULTATION SUMMARY
404065051	RELATED LOCATION AND FLOWLINE MAP
404065182	INFORMED CONSENT LETTER
404065184	INFORMED CONSENT LETTER
404065187	INFORMED CONSENT LETTER
404065188	INFORMED CONSENT LETTER
404065189	INFORMED CONSENT LETTER
404065190	INFORMED CONSENT LETTER
404065191	INFORMED CONSENT LETTER
404068799	PRELIMINARY PROCESS FLOW DIAGRAMS
404068978	ALA NARRATIVE SUMMARY
404068980	ALA DATASHEET
404071039	REFERENCE AREA MAP
404071044	REFERENCE AREA PICTURES
404080857	OTHER
404087133	LAYOUT DRAWING

Total Attach: 33 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
		Stamp Upon Approval

Total: 0 comment(s)

Public Comments

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

