

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:

403896429

(SUBMITTED)

Date Received:

11/22/2024

Oil and Gas Location Assessment

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

Location ID:

OGDP ID:

Expiration Date:

New Location Refile Amend Existing Location # _____

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

Docket Number	OGDP ID	OGDP Name
241100293		

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: 47120

Name: KERR MCGEE OIL & GAS ONSHORE LP

Address: P O BOX 173779

City: DENVER State: CO Zip: 80217-3779

Contact Information

Name: Rachel Friedman

Phone: (720) 929-6564

Fax: ()

email: rachel_friedman@oxy.com

FINANCIAL ASSURANCE FOR THIS LOCATION (check all that apply)

- Plugging, Abandonment, and Reclamation 20230087
- Centralized E&P Waste Management Facility 20190011
- 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: PARSNIP FED Number: HZ

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: NWSW Section: 20 Township: 1N Range: 66W Meridian: 6 Ground Elevation: 4945
Latitude: 40.035119 Longitude: -104.809483
GPS Quality Value: 1.9 Type of GPS Quality Value: PDOP Date of Measurement: 09/18/2024

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: WELD Municipality: N/A

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

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

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

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

Date Relevant Local Government permit application submitted: 12/20/2024

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

Status/disposition date: 12/20/2024

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: Stephanie Frederick Contact Phone: 970-400-3581

Contact Email: sfrederick@weld.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
Municipality		Brighton	Holly Prather	303-655-2022	Hprather@brightonco.gov
Municipality		Fort Lupton	Todd Hodges	303-994-3174	thodges@fortluptonco.gov

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: Not yet submitted

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:

Weld County has reviewed the initial submission and provided requested revisions. Those revisions were return 2/19/25 and deemed complete. The Weld County hearing has been scheduled for May 8, 2025
Federal Drilling Permits will be required for several wells on the Parsnip Pad. KMOG will update the ECMC when those are submitted.

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: 05/22/2024

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.

- 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
- 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
- viii. WPS within HPH and CPW did not waive
- ix. Operator using Surface bond
- x. WPS < 2,000 feet RBU/HOBU/School within a DIC

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

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

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

ALTERNATIVE LOCATIONS DASHBOARD

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

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

#	latitude	longitude	i	ii	iii	iv	v	vi	vii	viii	ix	x	Variance Required?	Comments
40.055185	-104.828640						x	x	x	x				NWNW Sec. 18 1N 66W: Martin Marietta Within 2,000' of a municipal boundary - City of Fort Lupton, did not approach municipality, no objections anticipated. Within a floodplain/floodway. Within internal buffer of PWS supply well (NSO). Upgradient of a NWI mapped wetland. Within a High Priority Habitat.
40.032062	-104.803961		x						x			x		SESW 20 1N 66W: Clayton Supply Inc - within 2,000' of 8 RBUs, 2 within DIC, Within Brighton - no concerns expressed, upgradient of a NWI mapped wetland.
40.013825	-104.853465								x					SWNE Sec. 35 1N 67W - Yoshi & Suzu LLLP. Upgradient of a mapped wetland - 165' west of Riverine Corridor Could not come to an agreement with the surface owner. Location is in crop land. KMOG attempts to minimize and avoid development in Agricultural areas.
40.048362	-104.805452		x									x		NWSE Sec. 17 1N 66W - KMOG Gathering 11 RBUs within 2,000', within a municipal boundary, city of Fort Lupton, did not approach municipality do not anticipate objections. 4 RBUs within DIC
40.047802	-104.837062							x	x	x				NWSE Sec. 13 1N 67W: City of Aurora. In external buffer of PWS supply well. Upgradient of a NWI mapped wetland. Within HPH - Mule Deer Migration Corridor. Within 2,000' of City of Fort Lupton - did not approach municipality no objections anticipated.

SURFACE & MINERAL OWNERSHIP

Surface Owner Info:

Name: Hunt Brothers Properties Phone: _____
 Address: C/O ASPHALT SPECIALTIES CO Fax: _____
INC 10100 DALLAS ST
 Address: _____ Email: stevev@asphaltspecialties.com
 City: Henderson State: CO Zip: 80640-
8491

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: N/A

SITE EQUIPMENT LIST

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

Wells	<u>22</u>	Oil Tanks	<u>0</u>	Condensate Tanks	<u>0</u>	Water Tanks	<u>0</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>1</u>
Pump Jacks	<u>22</u>	Separators	<u>4</u>	Injection Pumps	<u>0</u>	Heater-Treaters	<u>0</u>	Gas Compressors	<u>2</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>2</u>
Dehydrator Units	<u>0</u>	Vapor Recovery Unit	<u>1</u>	VOC Combustor	<u>0</u>	Flare	<u>0</u>	Enclosed Combustion Devices	<u>0</u>
Meter/Sales Building	<u>3</u>	Pigging Station	<u>0</u>	Vapor Recovery Towers	<u>0</u>				

OTHER PERMANENT EQUIPMENT

Permanent Equipment Type	Number
Gas Scrubber	1
Multi-Phase Flow Meter	2
Air Compressors	1
Water Pump	2
Gas Cooler	1
Chemical Totes	12
Communication Towers	1
E houses	3
Electrical Boxes	10
FG Scrubbers	1
Well Manifold	22
Free Water Knockout	1
Oil Cooler	1

OTHER TEMPORARY EQUIPMENT

Temporary Equipment Type	Number
Electric Box	1
Enclosed Combustion Devices	1
Purge Flares	3
Water Coolers	2
Generator	1
Sand Tanks	4
Propane Tanks	1
Vapor Recovery Unit	1
Pump	1
MLVT - 1 TOTAL	1
Multi-phase Coolers	2

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.

Flowlines - 2"-3" size (outside diameter), constructed of carbon steel.
 Oil and gas and produced water pipelines will be used at this location. Water for completions operations will be brought to the location through temporary water lines using KMOG's Water on Demand system. The oil and gas and produced water pipelines will be constructed by a 3rd party midstream company.

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:	24 Feet	SW					
Residential Building Unit (RBU):	151 Feet	SW	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>
High Occupancy Building Unit(HOBU)	5280 Feet	N	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Designated Outside Activity Area:	5280 Feet	SW					
Public Road:	64 Feet	W					
Above Ground Utility:	52 Feet	W					
Railroad:	210 Feet	E					
Property Line:	13 Feet	E					
School Facility:	5280 Feet	S					
Child Care Center:	5280 Feet	S					
Disproportionately Impacted (DI) Community:	77 Feet	W					
RBU, HOBU, or School Facility within a DI Community.	1257 Feet	S	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" 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>1</u>	<u>2</u>	<u>5</u>
Residential Building Units	<u>1</u>	<u>1</u>	<u>3</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: 12.34

Size of location after interim reclamation in acres: 8.01

Estimated post-construction ground elevation: 4945

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: Centralized E&P WMF

Cutting Disposal: OFFSITE Cuttings Disposal Method: Commercial Disposal

Other Disposal Description:

PLEASE SEE ATTACHED WASTE MANAGEMENT PLAN

Beneficial reuse or land application plan submitted? Yes

Reuse Facility ID: _____ or Document Number: _____

Centralized E&P Waste Management Facility ID, if applicable: 456644

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:

INDUSTRIAL

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

INDUSTRIAL 1-3

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):

Industrial

Reference Area Latitude: _____ Reference Area Latitude: _____

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

< No row provided >

Noxious weeds present: _____

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: 1-Altvan loam, 0-1 percent slopes

NRCS Map Unit Name: 21 Dacono clay loam, 0 to 1 percent slopes

NRCS Map Unit Name: 75-Vona sandy loam, 0 to 1 percent slopes

GROUNDWATER AND WATER WELL INFORMATION

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

water well: 0 Feet N

Spring or Seep: 5280 Feet NW

Estimated depth to shallowest groundwater that can be encountered at this Oil and Gas Location: 14 Feet

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

existing Well Permit Number 20138-R-R Elevation 4950, SWL 19' = 4931'
Pad Elevation 4945-4931 = 14

SURFACE WATER AND WETLANDS

104 Feet W

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

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: 606 Feet SW

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

NWI Mapped Freshwater Emergent Wetland, a field evaluation (wetland delineation) determined this feature is not a wetland.

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

Public Water System Administrator - Contact Name _____ Email _____

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

Public Water System Administrator - Contact Name _____ Email _____

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

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

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

Federal (FEMA) State County Local

Other _____

Does this proposed Oil and Gas Location lie within a Sensitive Area for water resources, as defined in the 100-Series Rules? 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 _____ 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? Yes

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

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? Yes

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

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

Indirect impact habitat mitigation fee amount: \$ _____

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: 16

- (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 ECOM 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

A Weld County 1041 WOGLA was submitted on 12/20/24. Hearing is scheduled for May 8, 2025. The attached EAP will be submitted to the Weld County Office of Emergency Management and referred to the Fort Lupton Fire Protection District. Once the plan is approved a signed copy will be sent to the ECMC OGLA staff. KMOG's general Air Monitoring Plan has been approved by the CDPHE and is attached to the 2B. A site-specific Air Monitoring Plan for this location will be submitted to the ECMC and CDPHE for approval of air monitor locations prior to operations.

Flowlines: Flow lines will flow to the production facility location. During production, flow direction in the flow lines is from the wellhead to the production facility. Flow lines will be constructed from steel pipe, buried, and will equal the distance between the well heads and the production facility.

Gas custody transfer will occur at the custody transfer meter located on the proposed production facility location. Oil custody transfer will occur at the LACT Unit located on the proposed production facility location.

Gas lift lines are also occasionally installed (one per well) from the well head to the production facility. During operation flow direction in the gas lift lines will be from the production facility to the well head. The size of the gas lift lines is typically 2". Gas lift lines will be constructed from steel pipe, buried, and will equal the distance between the well heads and the tank battery.

Air Supply Lines: Compressed air supply lines will also be installed from the well head to the production facility. During operation flow direction in the supply lines will be from the production facility to the well head. The size of the supply lines is typically 1". Supply lines will be constructed from steel pipe, buried, and will equal the distance between the well heads and the production facility.

The location is considered within a sensitive area for Water resources because there are surface waters of the state nearby and shallow groundwater.

KMOG intends to develop the location using the following schedule which is subject to change, based on pending receipt of required permits, and drilling rig availability. Construction August 2026 ~45 days, Drilling Phase 1: October 2026 - December 2026, Completions Phase 1: May 2027-June 2027, turn over to production July 2027. Drilling Phase 2: August 2027-November 2027, Completions Phase 2: June 2028-July 2028, turn over to production July 2028. Interim Reclamation will occur within the timelines outlined in Rule 1003.b

KMOG is proposing one 25,000 BBL MVLT for this location for use during completions – 36 feet tall with a 70 foot diameter. The proposed manufacturer and vendor is Shalestone Resources. The MLVT is approximately 1,462 feet from the nearest RBU and is a temporary piece of equipment to be used during completions. KMOG acknowledges the MLVT Policy and will adhere to that policy.

KMOG held informal consultation with CDPHE on June 20, 2024 and will hold formal consultation during the public comment period.

There are Federal Minerals within the DSU

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

Signed: _____ Date: 11/22/2024 Email: DJREGULATORY@OXY.COM

Print Name: Rachel Friedman Title: Geological Advisor

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>
404002062	LOCATION PICTURES
404002063	LOCATION PICTURES
404002065	PRELIMINARY PROCESS FLOW DIAGRAMS
404002068	ACCESS ROAD MAP
404002069	RELATED LOCATION AND FLOWLINE MAP
404002072	DISPROPORTIONATELY IMPACTED COMMUNITY MAP
404002074	SURFACE AGRMT/SURETY
404002076	NRCS MAP UNIT DESC
404002082	LGD CONSULTATION
404002085	CPW WAIVER
404002103	DIRECTIONAL WELL PLAT
404002119	LOCATION AND WORKING PAD GIS SHP
404002153	GEOLOGIC HAZARD MAP
404100191	INFORMED CONSENT LETTER
404100193	INFORMED CONSENT LETTER
404100194	INFORMED CONSENT LETTER
404105316	WILDLIFE HABITAT DRAWING
404105345	LOCATION DRAWING
404107754	HYDROLOGY MAP
404109124	OTHER
404145344	LAYOUT DRAWING
404145349	ALA NARRATIVE SUMMARY
404145352	CULTURAL FEATURES MAP
404145548	PRE-APPLICATION COMMUNITY MEETING SUMMARY
404152404	ALA DATASHEET

Total Attach: 25 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.

