

FORM
2A

Rev
01/21

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:

402649241

(SUBMITTED)

Date Received:

06/11/2021

Location ID:

Expiration Date:

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.

☒ 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

210600094

If this Location assessment is part of an existing 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: Sam Samet

Phone: (720) 9293317

Fax: ()

email: Sam_Samet@oxy.com

FINANCIAL ASSURANCE

- ☒ Plugging and Abandonment Bond Surety ID (Rule 706): 20010124 ☐ Gas Facility Surety ID (Rule 711): _____
- ☐ Waste Management Surety ID (Rule 704): _____

LOCATION IDENTIFICATION

Name: DB FARMS Number: 40-12HZ

Provide the location description and the latitude and longitude of a single point near the center of the Working Pad Surface as a reference for this Location.

QuarterQuarter: SENE Section: 12 Township: 3N Range: 67W Meridian: 6 Ground Elevation: 4791

Latitude: 40.240278 Longitude: -104.830866

GPS Quality Value: 1.6 Type of GPS Quality Value: PDOP Date of Measurement: 03/16/2020

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: 12/20/2020

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

Status/disposition date: 03/30/2021

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: Jason Maxey

Contact Phone: 970-400-3580

Contact Email: oged@weldgov.com

PROXIMATE LOCAL GOVERNMENT INFORMATION

For every Proximate Local Government (PLG) associated with this proposed Oil and Gas Location, provide the PLG's point of contact and their contact information.

< No row provided >

FEDERAL PERMIT INFORMATION

A Federal drilling permit (or related siting application) has been submitted for this proposed Oil and Gas Location: No

Date submitted: _____

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

Status/disposition Date: _____

If Federal agency permit has been approved or denied, attach the final decision document(s).

Provide the contact information of the Federal point of contact for the Federal permit associated with this proposed Oil and Gas Location.

Contact Name: _____

Contact Phone: _____

Contact Email: _____

Field Office: _____

Additional explanation of local and/or federal process:

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

10/27/2020

Date of local government consultation:

Did a pre-application Formal Consultation Process occur with the Federal land manager per Rule 301.f.(3)? No

Date of federal consultation: _____

Was an ALA that satisfies Rule 304.b.(2).C (or substantially equivalent information per Rule 304.e) developed during a federal or local government permit application process? If yes, attach the ALA to the Form 2A. Yes

ALA APPLICABILITY AND CRITERIA

Complete this section for any pre-application consultation related to this proposed Oil and Gas Location that occurred prior to the submission of this Form 2A. If a pre-application Formal Consultation Process occurred, attach a Consultation Summary.

Does the proposed Oil and Gas Location meet any of the criteria listed in Rule 304.b.(2)B? Yes

If YES, indicate by checking the box for every Rule 304.b.(2).B criterion met by this proposed Location, and attach an ALA. See Rule 304.b.(2).B.i-x for full text of criteria.

- | | |
|---|--|
| <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 type="checkbox"/> vii. WPS within/immediately upgradient of wetland/riparian corridor |
| <input type="checkbox"/> iv. WPS < 2,000 feet from jurisdictional boundary and PLG objects/requests ALA | <input type="checkbox"/> viii. WPS within HPH and CPW did not waive |
| <input type="checkbox"/> v. WPS within a Floodplain | <input type="checkbox"/> ix. Operator using Surface bond |
| | <input type="checkbox"/> x. WPS < 2,000 feet 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 |
|---|-----------|-------------|---|----|-----|----|---|----|-----|------|----|---|--------------------|---|
| 1 | 40.244650 | -104.839952 | x | | | | x | | x | | | | | Within 2,000' of 10 residential building units. |
| 2 | 40.244877 | -104.831785 | x | | | | | | | | | | | Within 2,000' of 12 residential building units. |
| 3 | 40.230760 | -104.836485 | x | | | | x | | x | | | x | | Within 2,000' of 13 residential building units. Within 2,000' of 6 RBU in a DIC. |
| 4 | 40.228326 | -104.843333 | x | | | | x | | | | | x | | Within 2,000' of 8 residential building units. Within 2,000' of 1 RBU in a DIC. Within 2,000' of a municipal boundary. |
| 5 | 40.228786 | -104.831359 | x | | | | | | | | | x | | Within 2,000' of 64 residential building units. Within 2,000' of a municipal boundary. Within 2,000' of 57 RBUs in a DIC. |

SURFACE & MINERAL OWNERSHIP

Surface Owner Info:

Name: DB Farms LLC

Phone: _____

Address: 20491 County Rd. 44

Fax: _____

Address: _____

Email: _____

City: La Salle State: CO Zip: 80645

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 | 12 | Oil Tanks | 0 | Condensate Tanks | 1 | Water Tanks | 4 | Buried Produced Water Vaults | 0 |
| Drilling Pits | 0 | Production Pits | 0 | Special Purpose Pits | 0 | Multi-Well Pits | 0 | Modular Large Volume Tank | 0 |
| Pump Jacks | 12 | Separators | 7 | Injection Pumps | 0 | Heater-Treaters | 0 | Gas Compressors | 0 |
| Gas or Diesel Motors | 0 | Electric Motors | 0 | Electric Generators | 0 | Fuel Tanks | 0 | LACT Unit | 2 |
| Dehydrator Units | 0 | Vapor Recovery Unit | 0 | VOC Combustor | 1 | Flare | 0 | Enclosed Combustion Devices | 0 |
| Meter/Sales Building | 2 | Pigging Station | 0 | Vapor Recovery Towers | 0 | | | | |

OTHER PERMANENT EQUIPMENT

| Permanent Equipment Type | Number |
|--------------------------|--------|
| Air Compressors | 2 |
| Chemical Tote | 3 |
| Communication Tower | 1 |
| E-House | 1 |

OTHER TEMPORARY EQUIPMENT

| Temporary Equipment Type | Number |
|--------------------------|--------|
| Purge Flares | 3 |
| 500 Barrel Tanks | 21 |
| 500 Barrel Tanks (Rig) | 2 |
| Generator | 2 |
| ECDs | 7 |
| Propane Tank | 1 |

GAS GATHERING COMMITMENT

Operator commits to connecting to a gathering system by the Commencement of Production Operations? Yes

If the answer is NO, a Gas Capture Plan consistent with the requirements of Rule 903.e MUST be attached on the Plans tab.

FLOWLINE DESCRIPTION

Per Rule 304.b.(6), provide a description of all onsite and off-location oil, gas, and/or water flowlines.

Please see Operator Comments section for all flowline descriptions.

CULTURAL DISTANCE AND DIRECTION

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

| | | | | Rule 604.b Conditions Satisfied (check all that apply): | | | Details of Condition(s) | 604.b. (4) |
|------------------------------------|-----------|--|-----------|--|--------------------------|--------------------------|-------------------------|-------------------------------------|
| | Distance | | Direction | 604.b. (1) | 604.b. (2) | 604.b. (3) | | |
| Building: | 507 Feet | | N | | | | | |
| Residential Building Unit (RBU): | 571 Feet | | N | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | <input checked="" 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 | | SW | | | | | |
| Public Road: | 36 Feet | | E | | | | | |
| Above Ground Utility: | 22 Feet | | E | | | | | |
| Railroad: | 2842 Feet | | E | | | | | |
| Property Line: | 50 Feet | | E | | | | | |

School Facility: 5280 Feet S

Child Care Center: 5280 Feet S

Disproportionately Impacted (DI) Community: 2705 Feet S

RBU, HOB, or School Facility within a DI Community: 2872 Feet S ☐ ☐ ☐

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 | 1 | 3 |
| Residential Building Units | 0 | 1 | 3 |
| 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: 14.04

Size of location after interim reclamation in acres: 3.35

Estimated post-construction ground elevation: 4792

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:

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: 149021

CURRENT LAND USE

Current Land Use: check all that apply per Rule 304.b.(9).

Crop Land: ☒ Irrigated ☐ Non-Irrigated ☐ Conservation Resource Program (CRP)
Non-Crop Land: ☐ Rangeland ☐ Forestry ☐ Recreation ☐ Other
Subdivided: ☐ Industrial ☐ Commercial ☐ Residential

Describe the current land use:

The current land use of the property is agricultural farm land. There are no plans to subdivide the property or add any other types of land use.

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

Agricultural Zone.

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 Resource 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):

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

NRCS Map Unit Name: 1 - Altvan Loam 0-1% slopes

NRCS Map Unit Name: 8 - Ascalon Loam 0-1% slopes

NRCS Map Unit Name: _____

GROUNDWATER AND WATER WELL INFORMATION

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

water well: 1118 Feet W

Spring or Seep: 5280 Feet W

Estimated depth to shallowest groundwater that can be encountered at this Oil and Gas Location: 23 Feet

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

Nearest water wells:
1118' W, Permit 30965-MH, depth 35', Static Water Level unknown, Elev 4777'
1433' NW, Permit 206854, depth 32', Static Water Level 24', Elev 4792'
Loc Elev = 4791'
(SWL calc: (4791 - 4792) + 24 = 23')

SURFACE WATER AND WETLANDS

Provide the distance and direction to the nearest downgradient surface Waters of the State, as defined 44 Feet S
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: 1147 Feet W

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

The nearest surface water feature is a concrete agricultural ditch identified in the attached hydrology map that is not utilized year
round, it does not have any wetland or riparian characteristic.

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

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

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? 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? NoIs a Compensatory Mitigation Plan proposed to address indirect impacts for this Oil and Gas Location? NoHave all Compensatory Mitigation Plans been approved for this Location? No

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

N/AIs a Compensatory Mitigation Fee proposed for this Oil and Gas Location? NoIndirect impact habitat mitigation fee amount: \$ **Operator Proposed Wildlife BMPs**

No BMP

AIR QUALITY MONITORING PROGRAMWill the Operator install and administer an air quality monitoring program at this Location? Yes**Operator Proposed BMPs**

| No | BMP Target | CDPHE Recommendation | COGCC Action |
|----|---------------|---|--------------|
| 1 | Air | | |
| | Description | Tankless design: Operator will not store produced water on site | |
| | CDPHE Comment | | |
| 2 | Air | | |
| | Description | Pipelines: Operator will have adequate and committed pipeline take away capacity for all produced gas and oil | |
| | CDPHE Comment | | |
| 3 | Air | | |
| | Description | Operator will implement ambient air quality monitoring on site | |
| | CDPHE Comment | | |
| 4 | Air | | |
| | Description | Odor mitigation: Operator will ensure that all drilling fluid is removed from pipes before storage | |
| | CDPHE Comment | | |
| 5 | Water | | |
| | Description | Dust suppression: Operator will not use produced water or other process fluids for dust suppression | |
| | CDPHE Comment | | |
| 6 | Water | | |
| | Description | Stormwater inspections: Operator will conduct stormwater inspections immediately after storm event | |
| | CDPHE Comment | | |
| 7 | Waste | | |
| | Description | Operator will properly characterize and dispose of all waste (i.e. the specific landfill/waste disposal location allows for acceptance of the waste stream) | |
| | CDPHE Comment | | |

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 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 checked="" type="checkbox"/> 304.c.(21). Geologic Hazard Plan |

OPERATOR COMMENTS AND SUBMITTAL

Comments

This location received 1041 WOGLA permit approval from the Weld County Oil & Gas Energy Department. 1041WOGLA20-0090 approval letter attached.

One Lesser Area Impact Exemption is requested for this location for the Geologic Hazard Plan. A description of the resource impact is included in the attached Geologic Hazard Map and Lesser Area Impact Exemption Letter.

The attached Emergency Response Plan has been reviewed and approved by the Weld County Office of Emergency Management and the Platteville-Gilcrest Fire Protection District.

A Community Consultation Plan detailing KMOG's previous interactions with the (4) residential building unit owners within 2000' of the working pad surface is attached.

This location is not within 2000 feet of a DIC. A DIC map was not included. .

The closest BU to the north is approximately 571' away from the working pad surface. There are tenants living in the house, but it is owned by the surface owner. KMOG's construction team, landman and regulatory representative met with the surface owner and the tenant in October of 2020 to discuss operations. The surface owner and tenant had a few questions regarding the access location, timing of the project and overall operations and did not express concerns regarding the location and KMOG's plans.

Attachment Other - Well Location Plat

Attachment Other - Air Monitoring Plan: KOMG's Air Monitoring Plan has been approved by the CDPHE. A site-specific Air Monitoring Plan for DB Farms 40-12HZ will be submitted to the COGCC and CDPHE for approval of air monitor locations before the start of operations.

Custody Transfer: Gas custody transfer occurs at the custody transfer meter located on the proposed production facility location. Oil custody transfer occurs at the LACT Unit located on the proposed production facility location.

Two 500 barrel skid-mounted tanks will be temporarily placed onsite for use of the pre-spud rig only. One tank will store water and the other will store water-based mud. A temporary ECD may be utilized during drilling.

Temporary above ground polyethylene water pipelines (diameter 10" - 12" with a 60 BPM capacity) will deliver water to location operations from larger trunk lines for completions operations.

Flowlines: 12 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. The size of flow lines is typically 2". Flow lines will be constructed from steel pipe, buried, and will equal the distance between the well heads and the production facility.

Air Supply Lines: 12 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.

Gas Lift Lines: 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.

21 temporary 500 barrel skid-mounted frac tanks will be utilized during flowback and initially for produced water. It is estimated the 7 temporary ECDs and the temporary tanks will be on location for 9 - 12 months and will be removed as water production declines. A temporary generator may be placed on location if needed and would be in place until electric power is available. Temporary purge flares may be placed on location for up to 60 days. A temporary 250-gallon propane tank will be used on location to provide fuel gas during facility equipment startup.

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

Signed: _____ Date: 06/11/2021 Email: DJRegulatory@oxy.com

Print Name: Sam Samet Title: Senior Regulatory Analyst

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 | Access Road: KMOG will utilize a new access road from CR 25 for drilling, completions, and production operations, including maintenance equipment. The road will be properly constructed and maintained to accommodate for emergency vehicle access. |
| 2 | Planning | KMG held Surface Impact Planning (SIP) meetings for this location. These meetings are attended by KMOG internal teams. This is a multi-disciplinary team including construction, operations, facilities, EHS, stakeholder relations, regulatory, surface land and mitigation. The team reviews potential impacts to the surrounding residents, identify and plan for necessary mitigations, and identify BMPs that should be included in the pad development moving forward. The team reviews noise, odor, lights, traffic, haul routes, rig orientation and visual mitigation and any input we have received from surrounding communities either from response line calls or community meetings, relative to our operations. The purpose of the meeting is to proactively identify potential concerns, exhaust possible options and provide best in class solutions in order to have compatible operations. |
| 3 | Traffic control | KMOG currently plans to use the water-on-demand system on this location which is a network of over 180 miles of underground pipelines that stretches the length of the 20-mile by 30-mile field to source and transport water to completions crews. This system eliminates more than 2,000 truck trips per day, also reducing associated concerns of traffic, noise, emissions and dust. |
| 4 | Traffic control | The operator has obtained access and ROW permits from Weld County and will implement traffic control plans Prior to the commencement of operations. |
| 5 | General Housekeeping | Loadlines: All loadlines shall be bullplugged or capped. |
| 6 | General Housekeeping | Removal of Surface Trash: A commercial size trash bin for removing debris will be located on site. This bin will be for use by all parties affiliated with the operation. Upon completion of operations, the commercial trash bin will be removed from the location and disposed of in an appropriate manner. |
| 7 | Material Handling and Spill Prevention | Pit Level Indicators: All storage tanks used for active drilling operations (used in lieu of pits) contain pit level monitors with Electronic Drilling Recorders (EDR). KMG uses EDRs with pit level monitor(s) and alarm(s) for production rigs. Basic level gauges are used on tanks utilized for the surface rig. |
| 8 | Construction | Fencing Requirements: The completed wellsites will be surrounded with a fence and gate with adequate lock to restrict access to authorized personnel only. KMG personnel will monitor the wellsites upon completion of the wells. Authorized representatives and/or KMG personnel shall be on-site during drilling and completion operations. |
| 9 | Emissions mitigation | All 12 of the DB Farms 40-12HZ wells are commingled into a bulk and test design. This reduces the total number of separators on location on a per well basis which in turn allows to have a smaller facility footprint. Reducing the total number of separators per well also reduces the total noise and emissions from the separator burners. |
| 10 | Emissions mitigation | Temporary ECD(s) will be utilized to mitigate releases of emissions from temporary produced water storage tanks for the duration which the tanks are on location and being used. |

| | | |
|----|--------------------------------|---|
| 11 | Drilling/Completion Operations | Green Completions: Test separators and associated flow lines, sand traps and emission control systems shall be installed on-site to accommodate green completions techniques. When commercial quantities of salable quality gas are achieved at each well, the gas shall be immediately directed to a sales line or shut in and conserved. If a sales line is unavailable or other conditions prevent placing the gas into a sales line, KMOG shall not produce the wells without an approved variance. |
| 12 | Drilling/Completion Operations | KMOG's Integrated Operations Center is staffed 24-hours per day, seven days per week, 365 days per year providing real-time remote monitoring capabilities for all of KMOG's wells. Employees in the Integrated Operations Center are able to shut in wells remotely and dispatch personnel to a location within 5-15 minutes. |
| 13 | Drilling/Completion Operations | Guy line anchors will not be used. Base Beams will be used to stabilize the rig and removed after drilling. |
| 14 | Final Reclamation | Well Site Cleared: The wellsite will be cleared of all non-essential equipment within ninety (90) days after all wells associated with the pad have been plugged and abandoned. |
| 15 | Final Reclamation | Identification of Plugged and Abandoned Wells: Once the well has been plugged and abandoned, KMOG will identify the location of the wellbore with a permanent monument that will detail the well name and date of plugging. |

Total: 15 comment(s)

Attachment List

| <u>Att Doc Num</u> | <u>Name</u> |
|---------------------------|--------------------------------------|
| 402713295 | ACCESS ROAD MAP |
| 402713297 | LOCATION PICTURES |
| 402713304 | LOCATION DRAWING |
| 402713312 | SURFACE AGRMT/SURETY |
| 402713314 | NRCS MAP UNIT DESC |
| 402713315 | OTHER |
| 402713967 | OTHER |
| 402714588 | ALA DATASHEET |
| 402715836 | OIL AND GAS LOCATION GIS SHP |
| 402715837 | WORKING PAD SURFACE GIS SHP |
| 402779945 | CULTURAL FEATURES MAP |
| 402779947 | DIRECTIONAL WELL PLAT |
| 402779955 | HYDROLOGY MAP |
| 402779965 | LAYOUT DRAWING |
| 402779968 | RELATED LOCATION AND FLOWLINE MAP |
| 402779969 | PRELIMINARY PROCESS FLOW DIAGRAMS |
| 402779994 | OTHER |
| 402780009 | WILDLIFE HABITAT DRAWING |
| 402780295 | LESSER IMPACT AREA EXEMPTION REQUEST |
| 402807626 | ALA NARRATIVE SUMMARY |
| 402807638 | GEOLOGIC HAZARD MAP |

Total Attach: 21 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.

