

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:

403942803

(SUBMITTED)

Date Received:

11/01/2024

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: **476460**

OGDP ID:

Expiration Date:

☐ New Location ☐ Refile ☒ Amend Existing Location # 476460

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 |
|---------------|---------|-----------|
| 241100270 | | |

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: 10670

Name: BISON IV OPERATING LLC

Address: 518 17TH STREET SUITE 1800

City: DENVER State: CO Zip: 80202

Contact Information

Name: Jennifer Teeters

Phone: (720) 399-0163

Fax: ()

email: jteeters@bisonog.com

FINANCIAL ASSURANCE FOR THIS LOCATION (check all that apply)

- ☒ Plugging, Abandonment, and Reclamation _____
- ☐ Centralized E&P Waste Management Facility _____
- ☐ Gas Gathering, Gas Processing, and Underground Gas Storage Facilities _____
- ☐ Surface Owner Protection Bond. _____

Federal Financial Assurance

- ☐ In checking this box, the Operator certifies that it has provided or will provide at least this amount of Financial Assurance to the federal government for one or more Wells on this Location.

Amount of Federal Financial Assurance \$ _____

LOCATION IDENTIFICATION

Name: Cloudbreak

Number: _____

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: SESW Section: 22 Township: 8N Range: 62W Meridian: 6 Ground Elevation: 4916
Latitude: 40.641319 Longitude: -104.305909
GPS Quality Value: 1.3 Type of GPS Quality Value: PDOP Date of Measurement: 09/25/2024

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: 01/24/2025

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

Status/disposition date: 04/03/2025

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: Rebecca Sears

Contact Phone: 970-400-3539

Contact Email: rsears@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.

< 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: 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: Ray Ogle

Contact Phone: 719-269-8522

Contact Email: rogle@blm.gov

Field Office: Royal Gorge

Additional explanation of local and/or federal process:

The Weld County Pre-Application Meeting was held on 10/2/2024. Notice was sent on 10/2/2024. The 1041WOGLA Application was deemed complete on 1/24/2025 and has been scheduled for the 1041WOGLA Hearing on 4/3/25. The Approved Final Order is sent to ECMC by Weld County Oil and Gas Energy Department after recording and publication.
Bison is actively working on their federal APD submittal package.

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: 10/02/2024

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.

- | | |
|---|--|
| <input 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 checked="" 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 |
|---|-----------|-------------|---|----|-----|----|---|----|-----|------|----|---|--------------------|---|
| | 40.612600 | -104.287830 | | | | | | | | x | | | | There are potential impacts to HPH. The longer step outs would strand minerals on the western side of the DSU and would require longer durations for drilling and completion occupations within HPH. |
| | 40.641300 | -104.298860 | x | | | | | | | x | | | | There are potential impacts to the RBU 747 feet to the SE and to HPH. Inability to develop the minerals on the western side of the DSU. |
| | 40.640630 | -104.314550 | | | | | | | | x | | | | There are potential impacts to HPH. There are no major environmental receptors or water features within 2,000 feet but the identified hydrology features in the area are closer to this site than the proposed Cloudbreak location. The access point on Highway 14 poses an increased risk to traffic safety. Inability to develop the minerals on the eastern side of the DSU. |

SURFACE & MINERAL OWNERSHIP

Surface Owner Info:

Name: Duangchai Washburn

Phone: _____

Address: 375 Ash Court

Fax: _____

Address: _____

Email: kgillen@bisonog.com

City: Eaton State: CO Zip: 80615

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: BlanketSurety ID Number: 4472015Mineral Owner beneath this Oil and Gas Location: ☒ Fee ☐ State ☐ Federal ☐ IndianMinerals beneath this Oil and Gas Location will be developed from or produced to this Oil and Gas Location: NoLease description if necessary: Bison owns oil and gas leasehold interests in the Baja West OGD and has a right to drill in the Application Lands. Lease #4472015. Location will produce both fee and federal minerals.**SITE EQUIPMENT LIST**

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

| | | | | | | | | | |
|----------------------|----------|---------------------|----------|----------------------|----------|-----------------------|----------|------------------------------|----------|
| Wells | <u>6</u> | Oil Tanks | <u>4</u> | Condensate Tanks | <u>0</u> | Water Tanks | <u>2</u> | Buried Produced Water Vaults | <u>0</u> |
| Drilling Pits | <u>0</u> | Production Pits | <u>0</u> | Special Purpose Pits | <u>0</u> | Multi-Well Pits | <u>0</u> | Modular Large Volume Tank | <u>1</u> |
| Pump Jacks | <u>6</u> | Separators | <u>6</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>2</u> | VOC Combustor | <u>0</u> | Flare | <u>0</u> | Enclosed Combustion Devices | <u>3</u> |
| Meter/Sales Building | <u>1</u> | Pigging Station | <u>1</u> | | | Vapor Recovery Towers | <u>1</u> | | |

OTHER PERMANENT EQUIPMENT

| Permanent Equipment Type | Number |
|-----------------------------------|----------|
| Meters (Sales, Buyback) | <u>2</u> |
| Instrument Air Skid | <u>2</u> |
| Electrical Skid | <u>1</u> |
| Blower/O2 Destructor | <u>1</u> |
| Transformer | <u>1</u> |
| Recycle Pump | <u>1</u> |
| Scrubbers: Sales Gas and Fuel Gas | <u>2</u> |
| Oil Polisher | <u>1</u> |
| Knockout | <u>3</u> |

OTHER TEMPORARY EQUIPMENT

| Temporary Equipment Type | Number |
|--------------------------|----------|
| Methanol Tank | <u>3</u> |
| Corrosion Inhibitor Tank | <u>1</u> |
| Product Cooler | <u>1</u> |
| Emulsion Breaker Tank | <u>1</u> |

GAS GATHERING COMMITMENTOperator 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 constructed of carbon steel.
Water for completions operations will be brought to the location through temporary water lines.
Oil, 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.

| | | | Rule 604.b Conditions Satisfied (check all that apply): | | | | |
|---|-----------|--|--|--------------------------|--------------------------|--------------------------|--------------------------|
| | Distance | | Direction | 604.b. (1) | 604.b. (2) | 604.b. (3) | 604.b. (4) |
| Building: | 2696 Feet | | E | | | | |
| Residential Building Unit (RBU): | 2719 Feet | | E | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| High Occupancy Building Unit(HOBU) | 5134 Feet | | SW | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Designated Outside Activity Area: | 5280 Feet | | SW | | | | |
| Public Road: | 167 Feet | | S | | | | |
| Above Ground Utility: | 2756 Feet | | E | | | | |
| Railroad: | 5280 Feet | | SW | | | | |
| Property Line: | 195 Feet | | S | | | | |
| School Facility: | 4611 Feet | | SW | | | | |
| Child Care Center: | 4611 Feet | | SW | | | | |
| Disproportionately Impacted (DI) Community: | 5280 Feet | | W | | | | |
| RBU, HOBU, or School Facility within a DI Community. | 5280 Feet | | W | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

RULE 604.a.(2). EXCEPTION LOCATION REQUEST

- ☐ Operator requests an Exception Location Request from Rule 604.a.(2) [well is less than 150 feet from a property line]. Exception Location Request Letter and Waiver signed by offset Surface Owner(s) must be attached.

CULTURAL FEATURE INFORMATION REQUIRED BY RULE 304.b.(3).B.

Provide the number of each Cultural feature identified within the following distances, as measured from the Working Pad Surface:

| | 0-500 feet | 501-1,000 feet | 1,001-2,000 feet |
|-----------------------------------|------------|----------------|------------------|
| Building Units | 0 | 0 | 0 |
| Residential Building Units | 0 | 0 | 0 |
| High Occupancy Building Units | 0 | 0 | 0 |
| School Properties | 0 | 0 | 0 |
| School Facilities | 0 | 0 | 0 |
| Designated Outside Activity Areas | 0 | 0 | 0 |

CONSTRUCTION

Size of disturbed area during construction in acres: 16.00

Size of location after interim reclamation in acres: 4.90

Estimated post-construction ground elevation: 4916

DRILLING PROGRAM

Will a closed-loop drilling system be used? Yes

Is H2S gas reasonably expected to be encountered during drilling operations at concentrations greater than or equal to 100 ppm? No If YES, attach H2S Drilling Operations Plan.

Will salt sections be encountered during drilling: No

Will salt based (>15,000 ppm Cl) drilling fluids be used? No

Will oil based drilling fluids be used? Yes

DRILLING WASTE MANAGEMENT PROGRAM

Drilling Fluids Disposal: OFFSITE Drilling Fluids Disposal Method: Commercial Disposal

Cutting Disposal: OFFSITE Cuttings Disposal Method: Commercial Disposal

Other Disposal Description:

Beneficial reuse or land application plan submitted? No

Reuse Facility ID: _____ or Document Number: _____

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

CURRENT LAND USE

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

Crop Land: ☐ Irrigated ☒ Non-Irrigated ☐ Conservation Reserve Program (CRP)

Non-Crop Land: ☐ Rangeland ☐ Forestry ☐ Recreation ☐ Other

Subdivided: ☐ Industrial ☐ Commercial ☐ Residential

Describe the current land use:

Non-Irrigated Crop Land

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

Ag-Rural

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):

The landowner's designated final land use is non-irrigated cropland

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: ☒ No

SOILS

List all soil map units that occur within the maximum extent of the proposed Oil and Gas Location. Attach the National Resource Conservation Service (NRCS) report showing the "Map Unit Description" listing the typical vertical soil profile(s). This data is to be used when segregating topsoil.

The required information can be obtained from the NRCS website at <https://www.nrcs.usda.gov/wps/portal/nrcs/surveylist/soils/survey/state/> or from the ECMC website GIS Online map page. Instructions are provided within the ECMC website help section.

NRCS Map Unit Name: 54 - Platner loam, 0 to 3 percent slopes

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: 2720 Feet E

Spring or Seep: 5280 Feet W

Estimated depth to shallowest groundwater that can be encountered at this Oil and Gas Location: 223 Feet

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

Depth to groundwater determination: Static Water Level not shown on water well permit #96274, located approximately 2,720' E of the location. State Water Well Database. Estimated depth to shallowest groundwater found on permit #309340 for static water level.

SURFACE WATER AND WETLANDS

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

in the 100-Series Rules, measured from the Working Pad Surface:

If less than 2,640 feet, is the Waters of the State identified above within 15 stream miles upstream of a Public Water

System intake? No

Provide the distance and direction to the nearest downgradient wetland, measured from the Working

Pad Surface: 2640 Feet SW

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

The nearest downgradient surface Waters of the State is an NWI unnamed portion of an intermittent drainage (NWI designation drainage type= Riverine") ~ 1,840 feet n/nw, and (uncharacterized/unmapped) drainage feature ~ 1,190 feet to the se of the project based off aerial imagery. Based on the findings, the NWI-mapped features located n/nw and the unmapped feature located s/se of the proposed Cloudbreak project both lack hydric soils, hydrophytic vegetation and both determined to be non-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? No

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 10/25/2024 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):

| High Priority Habitat (list all that apply) | Oil and Gas Location | Access Road | Utility or Pipeline Corridor |
|---|----------------------|-------------|------------------------------|
| 1202.d.(4) - Pronghorn migration & winter | x | x | |

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

Direct Impacts:

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

Is a Compensatory Mitigation Plan proposed to address direct impacts for this Oil and Gas Location? Yes

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

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

Bison is actively working with CPW. Bison has sent CPW the proposed construction schedule, the table with acreages and total mitigation costs as well as the Wildlife Mitigation Plan. The CPW Compensatory Mitigation Summary has been confirmed by CPW and is included in the 2A attachments as CPW Consultation, Wildlife Mitigation Plan and Cumulative Impacts Plan.

Is a Compensatory Mitigation Fee proposed for this Oil and Gas Location? Yes

Direct impact habitat mitigation fee amount: \$ 45414

Indirect Impacts:

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

Is a Compensatory Mitigation Plan proposed to address indirect impacts for this Oil and Gas Location? Yes

Have all Compensatory Mitigation Plans been approved for this Location? Yes

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

Bison has sent the proposed schedule to CPW for construction to occur within the Pronghorn Winter Concentration timing stipulation. If drilling and completions will occur within the HPH timing stipulation period, Bison agrees to pay the compensatory mitigation fees. Should the drilling schedule change, Bison will communicate all updates with CPW and make the CPW payment at least 30 days prior to the Form 42 for Notice of Construction.

Is a Compensatory Mitigation Fee proposed for this Oil and Gas Location? Yes

Indirect impact habitat mitigation fee amount: \$ 51088.24

Operator Proposed Wildlife BMPs

| No | Target Species | BMP Type | Description |
|----|----------------|-------------------------|--|
| 1 | PRONGHORN | Wildlife - Minimization | <p>Bison's initial on-site meeting with CPW occurred on October 25, 2024. During this meeting, CPW and Bison discussed measures to reduce impacts to pronghorn and Bison committed to the following impact minimization measures:</p> <ul style="list-style-type: none"> • If Bison constructs, drills, and/or completes the pad and associated wells within the Pronghorn Winter Concentration Area timing stipulation (January 1 – April 30), they will coordinate with CPW on site-specific mitigation measures to reduce direct and indirect impacts to pronghorn; • If Bison is required to install sound walls to comply with Weld County noise regulations, there will be sound walls during the Pronghorn Winter Concentration Area HPH seasonal timing window (January 1 – April 30). • Bison will implement pipeline takeaway which will significantly reduce truck traffic within the HPH; • Bison is not planning to install any fencing. However, if the landowner requests fencing in the future, Bison will consult with CPW and be sure to only install wildlife-friendly fencing; • On areas of the well pad that will not be returned to agricultural use, Bison will reclaim with pronghorn-specific seed mix. |
| 2 | PRONGHORN | Wildlife - Minimization | <p>The operator agrees to reclaim/restore plains pronghorn antelope habitats with native shrubs, grasses, and forbs identified by CPW that contribute to optimal pronghorn antelope habitat and other wildlife appropriate to the ecological site.</p> |

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 14
 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 type="checkbox"/> 304.c.(8). Emergency Response Plan |
| <input type="checkbox"/> 304.b.(9). Land Use Description | <input type="checkbox"/> 304.c.(9). Flood Shut-In Plan |
| <input type="checkbox"/> 304.b.(10). NRCS Map Unit Description | <input type="checkbox"/> 304.c.(10). Hydrogen Sulfide Drilling Operations Plan |
| <input type="checkbox"/> 304.b.(11). Best Management Practices | <input type="checkbox"/> 304.c.(11). Waste Management Plan |
| <input type="checkbox"/> 304.b.(12). Surface Owner Information | <input type="checkbox"/> 304.c.(12). Gas Capture Plan |
| <input type="checkbox"/> 304.b.(13). Proximate Local Government | <input type="checkbox"/> 304.c.(13). Fluid Leak Detection Plan |
| <input type="checkbox"/> 304.b.(14). Wetlands | <input type="checkbox"/> 304.c.(14). Topsoil Protection Plan |
| <input type="checkbox"/> 304.b.(15). Schools and Child Care Centers | <input type="checkbox"/> 304.c.(15). Stormwater Management Plan |
| | <input type="checkbox"/> 304.c.(16). Interim Reclamation Plan |
| | <input type="checkbox"/> 304.c.(17). Wildlife Plan |
| | <input type="checkbox"/> 304.c.(18). Water Plan |
| | <input type="checkbox"/> 304.c.(19). Cumulative Impacts Plan |
| | <input type="checkbox"/> 304.c.(20). Community Outreach Plan |
| | <input type="checkbox"/> 304.c.(21). Geologic Hazard Plan |

OPERATOR COMMENTS AND SUBMITTAL

Comments The MLV T will be onsite for 30+/- days (4 days per well). Tank capacity will be 20,000 bbls and tank diameter is 75 feet. The tank manufacturer is Harpoon.
Bison will send the Lead LAS Assigned the approved EAP with signatures from the fire districts.
Bison's Cloudbreak Pad will be in place of the previously permitted Silver Appleyard Fed Pad Location ID 476460. This 2A permit has expired and the pad was never built.

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

Signed: _____ Date: 11/01/2024 Email: KGillen@bisonog.com

Print Name: Katie Gillen Title: VP Reg. Affairs & EHS

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.

COA Type

Description

0 COA

Operator Best Management Practices

No BMP/COA Type

Description

ATTACHMENT LIST

| <u>Att Doc Num</u> | <u>Name</u> |
|---------------------------|-----------------------------------|
| 403964241 | OTHER |
| 403964244 | PRELIMINARY PROCESS FLOW DIAGRAMS |
| 403964253 | ACCESS ROAD MAP |
| 403964254 | CULTURAL FEATURES MAP |
| 403964257 | HYDROLOGY MAP |
| 403964261 | LOCATION PICTURES |
| 403964262 | WILDLIFE HABITAT DRAWING |
| 403964280 | LGD CONSULTATION |
| 403964607 | GEOLOGIC HAZARD MAP |
| 403969784 | LOCATION AND WORKING PAD GIS GDB |
| 403974920 | NRCS MAP UNIT DESC |
| 403974921 | DIRECTIONAL WELL PLAT |
| 403976526 | SURFACE AGRMT/SURETY |
| 403978959 | ALA NARRATIVE SUMMARY |
| 403978961 | ALA DATASHEET |
| 404086190 | LOCATION DRAWING |
| 404106540 | RELATED LOCATION AND FLOWLINE MAP |
| 404121805 | LAYOUT DRAWING |
| 404124324 | CPW CONSULTATION |

Total Attach: 19 Files

General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|--------------------------|---|----------------------------|
| OGLA | Returned to Draft for completeness corrections on 03/14/25. | 03/14/2025 |

Total: 1 comment(s)

Public Comments

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

