

**FORM  
2A**Rev  
06/19**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:

401762785

Date Received:

10/22/2018

**Oil and Gas Location Assessment**☒ New Location ☐ Refile ☐ Amend Existing Location Location#: \_\_\_\_\_

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 <http://cogcc.state.co.us/> for all accompanying information pertinent this Oil and Gas Location Assessment.

Location ID:

**465272**

Expiration Date:

**06/10/2022**☒ This location assessment is included as part of a permit application.**CONSULTATION**

- ☐ This location is included in a Comprehensive Drilling Plan. CDP # \_\_\_\_\_
- ☒ This location is in a sensitive wildlife habitat area.
- ☐ This location is in a wildlife restricted surface occupancy area.
- ☐ This location includes a Rule 306.d.(1)A.ii. variance request.

**Operator**

Operator Number: 10656

Name: MORNING GUN EXPLORATION LLC

Address: 1601 ARAPAHOE ST

City: DENVER State: CO Zip: 80202

**Contact Information**

Name: Justin Dunn

Phone: (303) 847-1110

Fax: ( )

email: jdunn@morninggun.com

**FINANCIAL ASSURANCE**

- ☒ Plugging and Abandonment Bond Surety ID (Rule 706): 20170040 ☐ Gas Facility Surety ID (Rule 711): \_\_\_\_\_
- ☐ Waste Management Surety ID (Rule 704): \_\_\_\_\_

**LOCATION IDENTIFICATION**

Name: Castor 7-59 Number: 12

County: WELD

QuarterQuarter: SWSE Section: 12 Township: 7N Range: 59W Meridian: 6 Ground Elevation: 4877

Define a single point as a location reference for the facility location. When the location is to be used as a well site then the point shall be a well location.

Footage at surface: 510 feet FSL from North or South section line

2422 feet FEL from East or West section line

Latitude: 40.583298 Longitude: -103.925119

PDOP Reading: 1.6 Date of Measurement: 08/23/2018

Instrument Operator's Name: Jared Christopher

**LOCAL GOVERNMENT INFORMATION**

County: WELD Municipality: N/A

Per § 34-60-106 (1)(f)(I)(A), the following questions pertain to the "local government with jurisdiction to approve the siting of the proposed oil and gas location."

The local government with jurisdiction is: County \_\_\_\_\_

Does the local government with jurisdiction regulate the siting of Oil and Gas Locations, with respect to this COGCC application? If the local government has waived its right to precede the COGCC in siting determination, indicate by selecting "NO" here and selecting "Waived" below.

☐ Yes ☒ No

If yes, in checking this box, I hereby certify that an application has been filed with the local government with jurisdiction to approve the siting of the proposed oil and gas location. ☐

The local government siting permit type is: \_\_\_\_\_

The local government siting permit was filed on: \_\_\_\_\_

The disposition of the application filed with the local government is: Waived

Additional explanation of local process:

Per LGD Jason Maxey's email to operators, Weld is currently waiving its rights under SB 181.

## 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 #

☐

## FACILITIES

Indicate the number of each type of oil and gas facility planned on location

|                       |       |                      |       |                      |       |                  |       |                               |       |
|-----------------------|-------|----------------------|-------|----------------------|-------|------------------|-------|-------------------------------|-------|
| Wells                 | 12    | Oil Tanks*           | 24    | Condensate Tanks*    | _____ | Water Tanks*     | 12    | Buried Produced Water Vaults* | _____ |
| Drilling Pits         | _____ | Production Pits*     | _____ | Special Purpose Pits | _____ | Multi-Well Pits* | _____ | Modular Large Volume Tanks    | 2     |
| Pump Jacks            | 12    | Separators*          | 12    | Injection Pumps*     | _____ | Cavity Pumps*    | _____ | Gas Compressors*              | 6     |
| Gas or Diesel Motors* | _____ | Electric Motors      | 12    | Electric Generators* | 1     | Fuel Tanks*      | _____ | LACT Unit*                    | 1     |
| Dehydrator Units*     | _____ | Vapor Recovery Unit* | 6     | VOC Combustor*       | 12    | Flare*           | _____ | Pigging Station*              | _____ |

## OTHER FACILITIES\*

| Other Facility Type        | Number |
|----------------------------|--------|
| Instrument Air Compressors | 2      |
| Vapor Recovery Towers      | 12     |

\*Those facilities indicated by an asterisk (\*) shall be used to determine the distance from the Production Facility to the nearest cultural feature on the Cultural Setbacks Tab.

Per Rule 303.b.(3)C, description of all oil, gas, and/or water pipelines:

2" Schedule 80 line steel pipe welded from the wellhead to the separator, one line per well.  
6" Schedule 80 line steel pipe for combined Gas sales.  
2" Schedule 40 line steel pipe will be set downstream of the separator for gas, oil and water.

## CONSTRUCTION

Date planned to commence construction: 04/01/2019 Size of disturbed area during construction in acres: 10.60  
Estimated date that interim reclamation will begin: 10/01/2019 Size of location after interim reclamation in acres: 6.60  
Estimated post-construction ground elevation: 4877

## DRILLING PROGRAM

Will a closed loop system be used for drilling fluids: Yes

Is H<sub>2</sub>S anticipated? No

Will salt sections be encountered during drilling: No

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

Will oil based drilling fluids be used? No

## 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?

Reuse Facility ID:  or Document Number:

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

## SURFACE & MINERALS & RIGHT TO CONSTRUCT

Name: Wade Castor

Phone:

Address: 22791 Highway 39

Fax:

Address:

Email:

City: Weldona State: CO Zip: 80653

Surface Owner: ☒ Fee ☐ State ☐ Federal ☐ Indian

Check all that apply. The Surface Owner: ☐ is the mineral owner

☐ is committed to an oil and Gas Lease

☐ has signed the Oil and Gas Lease

☐ is the applicant

The Mineral Owner beneath this Oil and Gas Location is: ☒ Fee ☐ State ☐ Federal ☐ Indian

The Minerals beneath this Oil and Gas Location will be developed from or produced to this Oil and Gas Location: Yes

The right to construct this Oil and Gas Location is granted by: Surface Use Agreement

Surface damage assurance if no agreement is in place:  Surface Surety ID:

Date of Rule 306 surface owner consultation

## CURRENT AND FUTURE LAND USE

Current Land Use (Check all that apply):

Crop Land: ☐ Irrigated ☐ Dry land ☐ Improved Pasture ☐ Hay Meadow ☐ CRP

Non-Crop Land: ☒ Rangeland ☐ Timber ☐ Recreational ☐ Other (describe):

Subdivided: ☐ Industrial ☐ Commercial ☐ Residential

**Future Land Use (Check all that apply):**

Crop Land: ☐ Irrigated ☐ Dry land ☐ Improved Pasture ☐ Hay Meadow ☐ CRP

Non-Crop Land: ☒ Rangeland ☐ Timber ☐ Recreational ☐ Other (describe): \_\_\_\_\_

Subdivided: ☐ Industrial ☐ Commercial ☐ Residential

**CULTURAL DISTANCE INFORMATION**

Provide the distance to the nearest cultural feature as measured from Wells or Production Facilities onsite.

|                                   | From WELL | From PRODUCTION FACILITY |
|-----------------------------------|-----------|--------------------------|
| Building:                         | 5280 Feet | 5280 Feet                |
| Building Unit:                    | 5280 Feet | 5280 Feet                |
| High Occupancy Building Unit:     | 5280 Feet | 5280 Feet                |
| Designated Outside Activity Area: | 5280 Feet | 5280 Feet                |
| Public Road:                      | 2264 Feet | 1970 Feet                |
| Above Ground Utility:             | 2316 Feet | 2068 Feet                |
| Railroad:                         | 5280 Feet | 5280 Feet                |
| Property Line:                    | 360 Feet  | 278 Feet                 |
| School Facility::                 | 5280 Feet | 5280 Feet                |
| School Property Line:             | 5280 Feet | 5280 Feet                |
| Child Care Center:                | 5280 Feet | 5280 Feet                |

**INSTRUCTIONS:**

- All measurements shall be provided from center of nearest Well or edge of nearest Production Facility to nearest of each cultural feature as described in Rule 303.b.(3)A.

- Enter 5280 for distance greater than 1 mile.

- Building - nearest building of any type. If nearest Building is a Building Unit, enter same distance for both.

- Building Unit, High Occupancy Building Unit, Designated Outside Activity Area, School Facility, and Child Care Center – as defined in 100 Series Rules.

-For measurement purposes only, Production Facilities should only include those items with an asterisk(\*) on the Facilities Tab.

**SCHOOL SETBACK INFORMATION**

Was Notice required under Rule 305.a.(4)? ☐ Yes ☒ No

**DESIGNATED SETBACK LOCATION INFORMATION**

Check all that apply. This location is within a:

- ☐ Buffer Zone
- ☐ Exception Zone
- ☐ Urban Mitigation Area

- Buffer Zone - as described in Rule 604.a.(2), within 1,000' of a Building Unit.

- Exception Zone - as described in Rule 604.a.(1), within 500' of a Building Unit.

- Urban Mitigation Area - as defined in 100-Series Rules.

- Large UMA Facility – as defined in 100-Series Rules.

Pre-application Notifications (required if location is within 1,000 feet of a building unit):

Date of Rule 305.a.(1) Urban Mitigation Area Notification to Local Government: \_\_\_\_\_

Date of Rule 305.a.(2) Buffer Zone Notification to Building Unit Owners: \_\_\_\_\_

**FOR MULTI-WELL PADS AND PRODUCTION FACILITIES WITHIN DESIGNATED SETBACK LOCATIONS ONLY:**

☐ Check this box if this Oil and Gas Location has or will have Production Facilities that serve multiple wells (on or offsite) and the Production Facilities are proposed to be located less than 1,000 feet from a Building Unit. *(Pursuant to Rule 604.c.(2)E.i., the operator must evaluate alternative locations for the Production Facilities that are farther from the Building Unit, and determine whether those alternative locations were technically feasible and economically practicable for the same proposed development.)*

☐ By checking this box, I certify that no alternative placements for the Production Facilities, farther from the nearest Building Unit, were available based on the analysis conducted pursuant to Rule 604.c.(2)E.i.

In the space below, explain rationale for siting the multi-well Production Facility(ies) that supports your Rule 604.c.(2)E.i determination. Attach documentation that supports your determination to this Form 2A.

**SOIL** All soil map units that occur within the proposed location. attach the National Resource Conservation Service (NRCS) report showing the "Map Unit Description" report listing the soil typical vertical profile. This data is to used when segregating topsoil.

The required information can be obtained from the NRCS web site at <http://soildatamart.nrcs.usda.org/> or from the COGCC web site GIS Online map page found at <http://colorado.gov/cogcc>. Instructions are provided within the COGCC web site help section.

NRCS Map Unit Name: 44—Olney fine sandy loam, 0 to 6 percent slopes

NRCS Map Unit Name: 45—Olney fine sandy loam, 6 to 9 percent slopes

NRCS Map Unit Name: \_\_\_\_\_

### PLANT COMMUNITY:

Complete this section only if any portion of the disturbed area of the location's current land use is on non-crop land.

Are noxious weeds present: Yes ☐ No ☒

Plant species from: ☐ NRCS or, ☒ field observation Date of observation: 08/23/2018

List individual species:

Check all plant communities that exist in the disturbed area.

- ☐ Disturbed Grassland (Cactus, Yucca, Cheatgrass, Rye)
- ☒ Native Grassland (Bluestem, Grama, Wheatgrass, Buffalograss, Fescue, Oatgrass, Brome)
- ☐ Shrub Land (Mahogany, Oak, Sage, Serviceberry, Chokecherry)
- ☐ Plains Riparian (Cottonwood, Willow, Aspen, Maple, Poplar, Russian Olive, Tamarisk)
- ☐ Mountain Riparian (Cottonwood, Willow, Blue Spruce)
- ☐ Forest Land (Spruce, Fir, Ponderosa Pine, Lodgepole Pine, Juniper, Pinyon, Aspen)
- ☐ Wetlands Aquatic (Bullrush, Sedge, Cattail, Arrowhead)
- ☐ Alpine (above timberline)
- ☐ Other (describe): \_\_\_\_\_

## WATER RESOURCES

Is this a sensitive area: ☒ No ☐ Yes

Distance to nearest

downgradient surface water feature: 3290 Feet

water well: 2900 Feet

Estimated depth to ground water at Oil and Gas Location 61 Feet

Basis for depth to groundwater and sensitive area determination:

Closest downgradient surface water feature is a pond/lake.

Basis for the depth to groundwater is the nearest water well is CDWR Permit #346-WCB.

Is the location in a riparian area: ☒ No ☐ Yes

Was an Army Corps of Engineers Section 404 permit filed ☒ No ☐ Yes If yes attach permit.

Is the location within a Rule 317B Surface Water Supply Area buffer No zone:

If the location is within a Rule 317B Surface Water Supply Area buffer have all public water supply systems within 15 miles been notified: \_\_\_\_\_

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

☒ Federal (FEMA)

☐ State

☐ County

☐ Local

☐ Other \_\_\_\_\_

## GROUNDWATER BASELINE SAMPLING AND MONITORING AND WATER WELL SAMPLING

Water well sampling required per Rule 609

## WILDLIFE

☐ This location is included in a Wildlife Mitigation Plan

☐ This location was subject to a pre-consultation meeting with CPW held on \_\_\_\_\_

## DESIGNATED SETBACK LOCATION EXCEPTIONS

Check all that apply:

☐ Rule 604.a.(1)A. Exception Zone (within 500' of a Building Unit) and is in an Urban Mitigation Area

☐ Rule 604.b.(1)A. Exception Location (existing or approved Oil & Gas Location now within a Designated Setback as a result of Rule 604.a.)

☐ Rule 604.b.(1)B. Exception Location (existing or approved Oil & Gas Location is within a Designated Setback due to Building Unit construction after Location approval)

☐ Rule 604.b.(2) Exception Location (SUA or site-specific development plan executed on or before August 1, 2013)

☐ Rule 604.b.(3) Exception Location (Building Units constructed after August 1, 2013 within setback per an SUA or site-specific development plan)

## RULE 502.b VARIANCE REQUEST

☐ Rule 502.b. Variance Request from COGCC Rule or Spacing Order Number \_\_\_\_\_

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

## OPERATOR COMMENTS AND SUBMITTAL

Comments

There are no surface water features within 1000' of this Location, a Hydrology Map is not required.

There are no building units within 1000' of this location, a Facility Layout drawing and Waste Management Plan are not required.

Operator certifies that the MLVTs will be designed and implemented consistent with the COGCC Policy on the Use of Modular Large Volume Tanks in Colorado. MLVT Design Package, certified and sealed by a licensed professional engineer, is available upon request.

MLVT Information:  
Vendor - Complete Energy Services  
Manufacturer - MWS Tanks  
Number and Size - 2 160' diameter tank  
Timeframe on location - approximately 30 days

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

Signed: \_\_\_\_\_ Date: 10/22/2018 Email: awenk@bisonog.com

Print Name: Abigail Wenk Title: Regulatory Manager

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: 6/11/2019

## 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  | General Housekeeping | Visual Impacts: All long term facility structures will be painted a color that enables the facilities to blend in with the natural background color of the landscape, as seen from a viewing distance and location typically used by the public.<br><br>Maintain appearance with garbage clean-up; a trash bin will be located on site to accumulate waste by the personnel drilling the wells. Site will have unused equipment, trash and junk removed immediately. |

|   |                      |   |
|---|----------------------|---|
| 2 | Wildlife             | <p>Pending the result of the spring PSTG survey, MGE is willing to consider moving its Castor 7-59 12 pad location and any ancillary features (e.g., access roads) as much as technically and economically feasible outside the SWH.</p> <p>MGE is willing to have a third party conduct one PSTG survey in the spring of 2019.</p> <p>MGE is willing to use a closed-loop system and to have no open pits.</p> <p>MGE is willing to limit new noise sources during the breeding season of the PSTG by measuring baseline and development noise levels and save the new noise sources for 9:00 a.m. to 4:00 p.m.</p> <p>MGE agrees to locate compressor stations no closer than 0.4-mile from plains sharp-tailed grouse leks.</p> <p>MGE agrees to use topographical features as recommended by CPW to provide visual concealment of facilities from lek locations and as a noise suppressant.</p> <p>MGE agrees to limit noise to 10 dBA above pre-development background levels at the margin of leks (0.4-mile) during the lekking and nesting seasons (March 1-June 30).</p> <p>MGE agrees to make use of tanks and other facilities designed such that they do not provide perches or nest substrates for raptors, crows, and ravens.</p> <p>MGE agrees to install raptor perch deterrents on equipment, fences, cross arms and pole tops in plains sharp-tailed grouse habitat.</p> <p>MGE agrees to reclaim/restore plains sharp-tailed grouse habitats with native grasses and forbs identified by CPW that contribute to optimal plains sharp-tailed grouse habitat and other wildlife appropriate to the ecological site.</p> <p>MGE agrees to preclude the use of aggressive non-native grasses in Plains Sharp-tailed Grouse habitat reclamation.</p> <p>MGE agrees to reclaim production area habitat with a CPW-identified seed mix containing a substantially higher percentage of forbs. Desirable native and non-native forbs, and legumes are a vital component of brood-rearing habitat (including dryland adapted varieties of alfalfa and yellow sweet clover).</p> |
| 3 | Dust control         | <p>Operator shall employ practices for control of fugitive dust caused by their operations. Such practices shall include but are not limited to the use of speed restrictions, regular road maintenance, restriction of construction activity during high- wind days, and silica dust controls when handling sand used in hydraulic fracturing operations. Additional management practices such as road surfacing, wind breaks and barriers may be used.</p>  |
| 4 | Construction         | <p>Light sources during all phases of operations will be directed downwards and away from occupied structures and public roads where possible. Permanent lighting shall be mounted at compressor stations on a pole or building and directed downward to illuminate key areas within the facility, while minimizing the amount of light projected outside the facility.</p>   |
| 5 | Emissions mitigation | <p>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, the operator shall not produce the wells without an approved variance per Rule 805.b.(3)C.</p>  |
| 6 | Odor mitigation      | <p>Oil &amp; gas facilities and equipment shall be operated in such a manner that odors and dust do not constitute a nuisance or hazard to public welfare.</p>  |



|    |  |   |
|----|--|---|
| 7  | Drilling/Completion Operations                         | <p>Operator has an MLVT Design Package, certified and sealed by a licensed professional engineer, which is on file in their office and available upon request. The site shall be prepared in accordance with the specifications of the design package prior to tank installation; including ensuring that proper compaction requirements have been met.</p> <p>The MLVT will be at least 75 feet from a wellhead, fired vessel, heater-treater, or a compressor with a rating of 200 horsepower or more. It will be placed at least 50 feet from a separator, well test unit, or other non-fired equipment.</p> <p>All liner seams will be welded and tested in accordance with applicable ASTM International standards.</p> <p>Operator will be present during initial filling of the MLVT and the contractor will supervise and inspect the MLVT for leaks during filling.</p> <p>Operator will comply with the testing and re-inspection requirements and associated written standard operating procedures (SOP) listed on the design package.</p> <p>Signs will be posted on the MLVT indicating that the contents are freshwater.</p> <p>The MLVT will be operated with a minimum of 1 foot of freeboard at all times.</p> <p>Access to the MLVT will be limited to operational personnel and authorized regulatory agency personnel.</p> <p>Operator or contractor will conduct daily visual inspections of the exterior wall and surrounding area for integrity deficiencies.</p> <p>Operator has developed a contingency plan/emergency response plan associated with the MLVT and it is on file at their office.</p> <p>Operator acknowledges and will comply with the Colorado Oil &amp; Gas Conservation Commission Policy on the Use of Modular Large Volume Tanks in Colorado dated June 13, 2014.</p> |
| 8  | Interim Reclamation                                    | Operator shall be responsible for segregating the topsoil, backfilling, re-compacting, reseeding, and re-contouring the surface of any disturbed area so as not to interfere with Owner's operations and shall reclaim such area to be returned to pre-existing conditions as best as possible with control of all noxious weeds.   |
| 9  | CPW-Wildlife - Mitigation-PLAINS SHARP-TAILED GROUSE   | Operator shall conduct a survey for Plains Sharp Tail Grouse presence and active leks in the area of the mapped SWH and RSO during the 2020 nesting season. Results of the survey shall be reported to the COGCC via Form 4 Sundry and to CPW prior to commencing any construction, drilling, and well completion activities in 2020.   |
| 10 | CPW-Wildlife - Minimization-PLAINS SHARP-TAILED GROUSE | The operator agrees to preclude the use of aggressive non-native grasses in plains Sharp-tailed Grouse habitat reclamation  |
| 11 | CPW-Wildlife - Minimization-PLAINS SHARP-TAILED GROUSE | The operator agrees to make use of tanks and other facilities designed such that they do not provide perches or nest substrates for raptors, crows and ravens   |

Total: 11 comment(s)

## Attachment Check List

| <u>Att Doc Num</u> | <u>Name</u>                            |
|--------------------|--|
| 2479077            | ACCESS ROAD MAP                        |
| 2479078            | ACCESS ROAD MAP                        |
| 2479079            | PLAINS SHARP TAIL GROUSE SURVEY REPORT |
| 2479080            | CORRESPONDENCE                         |
| 2479090            | DIRECTOR CRITERIA REVIEW SUMMARY       |
| 401762785          | FORM 2A RESUBMITTED                    |
| 401805018          | FORM 2A SUBMITTED                      |
| 401805019          | FORM 2A REJECTED                       |
| 401805818          | FORM 2A SUBMITTED                      |
| 401825223          | LOCATION DRAWING                       |
| 401825224          | LOCATION PICTURES                      |
| 401825226          | MULTI-WELL PLAN                        |
| 401825227          | REFERENCE AREA MAP                     |
| 401825229          | REFERENCE AREA PICTURES                |
| 401825230          | NRCS MAP UNIT DESC                     |
| 401825231          | SURFACE AGRMT/SURETY                   |

Total Attach: 16 Files

## General Comments

| <u>User Group</u> | <u>Comment</u>  | <u>Comment Date</u> |
|-------------------|---|---------------------|
| OGLA              | Operator provide the Local Government information and the cultural distances to the nearest school facility, school property line, & child care center. Director Criteria Review Summary attachment placed on the Form 2A.  | 06/04/2019          |
| OGLA              | This location also triggers Director's Objective Criteri #8 for having more than 18 tanks. Contacted operator and asked if they have coordinated with local emergency response providers in case there is a fire or explosion. Operator indicated they have prepared and submitted an Emergency Action Plan with the Weld County Office of Emergency Management as part of their WOGLA.   | 05/30/2019          |
| OGLA              | IN PROCESS - Operator conducted a survey for active Plains Sharp Tail Grouse presence and leks in the area of the mapped SWH and RSO. No grouse or active leks were identified during the survey. CPW also conducted a survey and concurred with the operator's survey protocol and findings and had no further objections with any planned construction and drilling activities this year. The operator also provided a revised Access Road Map as the new Access Road will not travel through the mapped RSO area. The Accesss Road Map and results of the Plains Sharp Tail Grouse survey have been added to this Form 2A. | 05/28/2019          |
| OGLA              | Spoke with operator. They expressed concerns with difficulties in moving this location (obtaining SUAs) & their plans to drill additional wells from this pad to the south and how moving the location would complicate that. COGCC indicated we wish to see the results of their active lek survey for PSTG before any approval of this location would happen.   | 03/07/2019          |
| OGLA              | Following telephone conference between operator, CPW, & COGCC on 2/8/19, operator has agreed to conduct an active lek survey for Plains Sharp Tail Grouse (PSTG) before pursuing moving this location. Survey to be conducted in late March/early April.  | 02/11/2019          |
| Final Review      | ON HOLD per Director review - Plains Sharp Tailed Grouse habitat consider locating wellhead at north end of laterals.   | 02/04/2019          |
| Permit            | Final Review Completed.   | 02/01/2019          |
| Permit            | Permitting Review Complete.   | 01/28/2019          |
| OGLA              | OGLA task passed.   | 12/17/2018          |

|        |  |            |
|--------|--|------------|
| DOW    | Based on a field visit and multiple e-mails between CPW and Morning Gun, CPW agrees to and appreciates the Operators avoidance and minimization measures to help reduce the potential impact of this pad on the local population of Plains Sharp-tailed Grouse.<br><br>CPW appreciates the collaboration, as we strive for responsible energy development while protecting sensitive habitats.<br><br>Should the operator (or anyone else) have any questions about these BMPs, please contact CPWs Northeast Region Energy Liaison (Brandon Marette) at (303) 291-7327. | 12/14/2018 |
| OGLA   | Operator and CPW have consulted and arrived at a set of Wilife BMPs that are agreeable to the operator, CPW, and the Surface Owner. They have been added to this Form 2A.  | 12/14/2018 |
| OGLA   | OGLA technical review completed. Waiting on CPW consultation task.   | 12/04/2018 |
| Permit | Passed completeness.   | 11/05/2018 |
| Permit | Returned to draft:<br>Missing all attachments.   | 11/04/2018 |
| OGLA   | This proposed Oil & Gas Location lies within a Sensitive Wildlife Habitat for Plains Sharp-Tailed Grouse, but the required Colorado Parks & Wildlife (CPW) consultation box was not checked. Therefore, this Form 2A is being Rejected so that the operator can check the appropriate CPW consultation box, provide Wildlife mitigation BMPs, and re-submit the Form 2A.   | 10/22/2018 |
| OGLA   | Location is within a SWH for Plains Sharp-Tailed Grouse, but the CPW Consultation box was not checked. Contacted operator and left message informing them this 2A needs to be Rejected for them to correct and resubmit.   | 10/19/2018 |
| Permit | Passed Completeness  | 10/17/2018 |
| Permit | Sent back to draft since the submitter is not listed as a designated agent   | 10/15/2018 |

Total: 18 comment(s)