

FORM  
INSPRev  
X/20State of Colorado  
Oil and Gas Conservation Commission1120 Lincoln Street, Suite 801, Denver, Colorado 80203  
Phone: (303) 894-2100 Fax: (303) 894-2109

Inspection Date:

03/15/2023

Submitted Date:

03/22/2023

Document Number:

708200062

## FIELD INSPECTION FORM

 Loc ID 471039 Inspector Name: Edwardson, Dylan On-Site Inspection  2A Doc Num: \_\_\_\_\_
**Status Summary:**

- THIS IS A FOLLOW UP INSPECTION  
 FOLLOW UP INSPECTION REQUIRED  
 NO FOLLOW UP INSPECTION REQUIRED

**Operator Information:**
 OGCC Operator Number: 10656  
 Name of Operator: MORNING GUN EXPLORATION LLC  
 Address: 1601 ARAPAHOE ST  
 City: DENVER State: CO Zip: 80202
**Findings:**

- 11 Number of Comments  
5 Number of Corrective Actions  
 Corrective Action Response Requested

**ANY CORRECTIVE ACTION(S) FROM  
 PREVIOUS INSPECTIONS THAT HAVE NOT  
 BEEN ADDRESSED ARE STILL APPLICABLE**

**Contact Information:**

Contact Name	Phone	Email	Comment
FLATLEY, PAUL		pflatley@morninggun.com	Principal Agent
SAADEH, RICHARD		richard.saadeh@mdsed.com	

**Inspected Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
471039	LOCATION	AC			-	Castor 7-59 10	CI
471064	WELL	DG	11/23/2022	LO	123-50750	CASTOR 7-59 10-3-1	CI
471065	WELL	DG	11/22/2022	LO	123-50751	CASTOR 7-59 10-3-5	CI
471066	WELL	DG	11/24/2022	LO	123-50752	CASTOR 7-59 10-3-8	CI
471069	WELL	DG	11/25/2022	LO	123-50755	CASTOR 7-59 10-3-12	CI

**General Comment:**

This is a follow-up Construction and Stormwater Inspection for Location ID (471039).

**Location**

Overall Good:

Emergency Contact Number:

Comment:

Corrective Action:

Date: \_\_\_\_\_

**Good Housekeeping:**

Type: UNUSED EQUIPMENT

Comment: Unused equipment (hose, pipe caps, etc) observed on western portion of location next to rip-rap structure. Refer to attached inspection photos for documentation.

Corrective Action: Comply with Rule 606 and remove unused equipment.

Date: 03/29/2023

Overall Good:

**Spills:**

Type	Area	Volume

In Containment: No

Comment:

Multiple Spills and Releases?

**Venting:**

Yes/No

Comment:

Corrective Action:

Date:

**Flaring:**

Type

Comment:

Corrective Action:

Date:

**Location Construction**

Location ID: 471039 CDP: \_\_\_\_\_

Comment:

Corrective Action:

Date: \_\_\_\_\_

**Form 2A COAs:**

**Comment:** Per Wildlife BMP/COA #12 on the Approved Form 2A (Doc #401906116) "Operator will 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 a Form 4 Sundry and to the CPW prior to commencing any construction, drilling, and well completion activities in 2020. Operator shall have a third party conduct one PSTG survey in the spring of 2020". It does not appear the Operator has submitted results from the 2020 PSTG survey, as no document could be found within the location's file.

Corrective Action: Operator shall submit 2020 PSTG survey results via a Form 4 Sundry as required by Wildlife BMP/COA #12. Corrective action date is being back-dated to when the location should have been in compliance.

Date:

**Wildlife BMPs:**

**Comment:** Per Wildlife BMP/COA #9 on the Approved Form 2A (Doc #401906116) "The operator agrees to install raptor perch deterrents on equipment, fences, cross arms and pole tops in plains sharp-tailed grouse habitat". During this inspection, Staff did not observe any raptor perch deterrents on the perimeter fences.

Corrective Action: Operator shall install raptor perch deterrents as required by Wildlife BMP/COA #9. Corrective action date is being back-dated to when the location should have been in compliance.

Date:

**Comment:**

**Corrective Action:**

Date:

**On Site Inspection (305):**

Surface Owner Contact Information:

Name: \_\_\_\_\_ Address: \_\_\_\_\_

Phone Number: \_\_\_\_\_ Cell Phone: \_\_\_\_\_

Operator Rep. Contact Information:

Landman Name: \_\_\_\_\_ Phone Number: \_\_\_\_\_

Date Onsite Request Received: \_\_\_\_\_ Date of Rule 306 Consultation: \_\_\_\_\_

Request LGD Attendance: \_\_\_\_\_

LGD Contact Information:

Name: \_\_\_\_\_ Phone Number: \_\_\_\_\_ Agreed to Attend: \_\_\_\_\_

Summary of Landowner Issues:

Summary of Operator Response to Landowner Issues:

Onsite Inspection Memorandum Summarizing Discussions at Inspection as Attachment:

**Inspected Facilities**

Facility ID: 471039 Type: LOCATION API Number: - Status: AC Insp. Status: CI

Facility ID: 471064 Type: WELL API Number: 123-50750 Status: DG Insp. Status: CI

Facility ID: 471065 Type: WELL API Number: 123-50751 Status: DG Insp. Status: CI

Facility ID: 471066 Type: WELL API Number: 123-50752 Status: DG Insp. Status: CI

Facility ID: 471069 Type: WELL API Number: 123-50755 Status: DG Insp. Status: CI

**Reclamation - Storm Water - Pit**

**Interim Reclamation:**

Date Interim Reclamation Started: \_\_\_\_\_ Date Interim Reclamation Completed: \_\_\_\_\_

Land Use: RANGELAND

Comment: \_\_\_\_\_

**1002 SITE PREPARATION AND STABILIZATION**

1002a. FENCING \_\_\_\_\_

Comment \_\_\_\_\_

Corrective Action \_\_\_\_\_

Date \_\_\_\_\_

1002b. SOIL REMOVAL AND SEGREGATION Fail

Comment This location does not comply with Rule 1002.b. COGCC staff performed calculations of the topsoil stockpile and estimates that there is approximately 5,925 cubic yards of topsoil salvaged and stored on the northern end of the location. This is equivalent to approximately 4" of topsoil removed from the location. The location is almost entirely in one soil unit (54: Platner loam) with an average topsoil depth of 11" (UC Davis SoilWeb); additionally, Staff conducted a soil pit and determined there is approximately 10" of top soil on location. The Operator should have salvaged approximately 14,639 cubic yards of topsoil over a 10.9 acre disturbance area (e.g. size of pad, not including topsoil underneath stockpile) at a depth of at least 10".

Corrective Action Comply with Rule 1002.b. Operator shall import approximately 8,700 cubic yards of topsoil. Operator shall submit soil analytical data on the imported topsoil, and from adjacent reference area, no later than 1 month before importation, via Form 4 Sundry. Operator should use the COGCC Topsoil Protection Plan guidance for agronomic properties and analyte testing (page 4) and compare those results with a topsoil assessment for reference areas to ensure equivalent topsoil is being imported. Corrective action date is being back-dated to when the location should have been in compliance; after construction activities were completed as referenced in Doc #403195833.

Date **10/25/2022**

1002c. PROTECTION OF SOILS Pass

Comment Topsoil has been straw crimped with mulch and seeded to stabilize the stockpile to ensure compliance under Rule 1002.c.

Corrective Action \_\_\_\_\_

Date \_\_\_\_\_

1002E. SURFACE DISTRURBANCE MINIMIZATION Pass

Comment Per Rule 1002.e.(1), Operator has adequately constructed and stabilized the entire well pad area, including cut and fill slopes, to control dust and minimize erosion.

Corrective Action \_\_\_\_\_

Date \_\_\_\_\_

1003a. Waste and Debris removed? \_\_\_\_\_

Comment See "Good Housekeeping" section comments.

Corrective Action \_\_\_\_\_

Date \_\_\_\_\_

Unused or unneeded equipment onsite? \_\_\_\_\_

Comment \_\_\_\_\_

Corrective Action \_\_\_\_\_

Date \_\_\_\_\_

Pit, cellars, rat holes and other bores closed? Pass

Comment \_\_\_\_\_

Corrective Action \_\_\_\_\_

Date \_\_\_\_\_

Guy line anchors marked? \_\_\_\_\_

Comment

Corrective Action

Date \_\_\_\_\_

1003b. Area no longer in use? \_\_\_\_\_ Production areas stabilized ? \_\_\_\_\_

1003c. Compacted areas have been cross ripped? \_\_\_\_\_

1003d. Drilling pit closed? \_\_\_\_\_ Subsidence over on drill pit? \_\_\_\_\_

Cuttings management: \_\_\_\_\_

1003e. Areas no longer needed for drilling or subsequent operations for have been re-vegetated to 80% of pre-existing? \_\_\_\_\_

Production areas have been stabilized? \_\_\_\_\_ Segregated soils have been replaced? \_\_\_\_\_

RESTORATION AND REVEGETATION

Cropland

Top soil replaced \_\_\_\_\_ Recontoured \_\_\_\_\_ Perennial forage re-established \_\_\_\_\_

Non-Cropland

Top soil replaced \_\_\_\_\_ Recontoured \_\_\_\_\_ 80% Revegetation \_\_\_\_\_

1003e. INTERIM VEGETATION TRANSECT

TRANSECT RESULTS OF DISTURBED AREA% \_\_\_\_\_

TRANSECT RESULTS OF REFERENCE AREA% \_\_\_\_\_

TOTAL % OF DESIRABLE VEGETATION COVER \_\_\_\_\_

VEGETATIVE COVER \_\_\_\_\_

1003 f. Weeds Noxious weeds? \_\_\_\_\_

Comment

Corrective Action

Date \_\_\_\_\_

Overall Interim Reclamation

**Final Reclamation/ Abandoned Location:**

Date Final Reclamation Started: \_\_\_\_\_ Date Final Reclamation Completed: \_\_\_\_\_

Final Land Use: RANGELAND \_\_\_\_\_

Reminder: \_\_\_\_\_

Comment:

Well plugged \_\_\_\_\_ Pit mouse/rat holes, cellars backfilled \_\_\_\_\_

Debris removed \_\_\_\_\_ No disturbance /Location never built \_\_\_\_\_

Access Roads Regraded \_\_\_\_\_ Contoured \_\_\_\_\_ Culverts removed \_\_\_\_\_

Gravel removed \_\_\_\_\_

Location and associated production facilities reclaimed \_\_\_\_\_ Locations, facilities, roads, recontoured \_\_\_\_\_

Compaction alleviation \_\_\_\_\_ Dust and erosion control \_\_\_\_\_

Non cropland: Revegetated 80% \_\_\_\_\_ Cropland: perennial forage \_\_\_\_\_

Weeds present \_\_\_\_\_ Subsidence \_\_\_\_\_

1004.d. FINAL VEGETATION TRANSECT

TRANSECT RESULTS OF DISTURBED AREA% \_\_\_\_\_

TRANSECT RESULTS OF REFERENCE AREA% \_\_\_\_\_

TOTAL % OF DESIRABLE VEGETATION COVER \_\_\_\_\_

VEGETATIVE COVER \_\_\_\_\_

Comment:

Corrective Action:  Date:

Overall Final Reclamation  Well Release on Active Location  Multi-Well Location

**Storm Water:**

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment

Comment: The sediment trap in the northwest corner of the location appears to be inadequate in size and does not seem sufficient enough to capture a stormwater event for the size of the location. Additionally, an animal burrow was observed on the western berm of the aforementioned sediment trap. Refer to attached inspection photos for documentation.

Corrective Action: Install or repair required BMPs per Rule 1002.f.(2)C. Corrective action date is the date the location was observed out of compliance, as the location should be in compliance at all times. Date: 03/15/2023

Pits:  NO SURFACE INDICATION OF PIT

**Attached Documents**

You can go to COGCC Images (<https://cogcc.state.co.us/weblink/>) and search by document number:

Document Num	Description	URL
708200066	Inspection Photos	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=6059503">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=6059503</a>