

**FORM  
INSP**Rev  
X/20**State of Colorado  
Oil and Gas Conservation Commission**1120 Lincoln Street, Suite 801, Denver, Colorado 80203  
Phone: (303) 894-2100 Fax: (303) 894-2109

Inspection Date:

12/01/2022

Submitted Date:

12/09/2022

Document Number:

696105652

**FIELD INSPECTION FORM**
 Loc ID 471039 Inspector Name: Edwardson, Dylan On-Site Inspection ☐ 2A Doc Num:
**Operator Information:**

OGCC Operator Number: 10656

Name of Operator: MORNING GUN EXPLORATION LLC

Address: 1601 ARAPAHOE ST

City: DENVER State: CO Zip: 80202

**Status Summary:**

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

**Findings:**

12 Number of Comments

2 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

**Inspected Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
471039	LOCATION	AC			-	Castor 7-59 10	CI
471063	WELL	AP	08/26/2022	LO	123-50749	CASTOR 7-59 10-3-4	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
471067	WELL	AP	08/26/2022	LO	123-50753	CASTOR 7-59 10-3-10	CI
471068	WELL	AP	08/26/2022	LO	123-50754	CASTOR 7-59 10-3-6	CI
471069	WELL	DG	11/25/2022	LO	123-50755	CASTOR 7-59 10-3-12	CI
471070	WELL	AP	08/26/2022	LO	123-50756	CASTOR 7-59 10-3-11	CI
471071	WELL	AP	08/26/2022	LO	123-50757	CASTOR 7-59 10-3-2	CI
471072	WELL	AP	08/26/2022	LO	123-50758	CASTOR 7-59 10-3-9	CI
471073	WELL	AP	08/26/2022	LO	123-50759	CASTOR 7-59 10-3-7	CI
471074	WELL	AP	08/26/2022	LO	123-50760	CASTOR 7-59 10-3-3	CI

**General Comment:**

This is a Construction and Stormwater Inspection in response to Form 42: Notice of Construction- Document #403195833.

**Location**Overall Good: ☐

Emergency Contact Number:

Comment:

Corrective Action:

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

**Good Housekeeping:**

Type

DEBRIS

Comment:

Concrete debris placed immediately adjacent to stormwater BMP (ditch and berm) on northeastern portion of location. Additionally tumbleweeds were observed throughout the location. Refer to attached inspection photos.

Corrective Action:

Comply with Rule 606 and remove debris.

Date: 12/16/2022

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: COGCC Staff calculated a disturbance area of ~11.4 acres using a mobile gps device; this appears to be in compliance with the approved Form 2A for the permitted disturbance area.

Corrective Action: \_\_\_\_\_ Date: \_\_\_\_\_

#### Form 2A COAs:

Comment: Per Rule 406.c. a copy of the approved Form 2A was posted on location.

Corrective Action: \_\_\_\_\_ Date: \_\_\_\_\_

#### Wildlife BMPs:

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

Corrective Action: \_\_\_\_\_ 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:	<u>471039</u>	Type:	<u>LOCATION</u>	API Number: <u>-</u> Status: <u>AC</u> Insp. Status: <u>CI</u>
Facility ID:	<u>471063</u>	Type:	<u>WELL</u>	API Number: <u>123-50749</u> Status: <u>AP</u> Insp. Status: <u>CI</u>
Facility ID:	<u>471064</u>	Type:	<u>WELL</u>	API Number: <u>123-50750</u> Status: <u>DG</u> Insp. Status: <u>CI</u>
Facility ID:	<u>471065</u>	Type:	<u>WELL</u>	API Number: <u>123-50751</u> Status: <u>DG</u> Insp. Status: <u>CI</u>
Facility ID:	<u>471066</u>	Type:	<u>WELL</u>	API Number: <u>123-50752</u> Status: <u>DG</u> Insp. Status: <u>CI</u>
Facility ID:	<u>471067</u>	Type:	<u>WELL</u>	API Number: <u>123-50753</u> Status: <u>AP</u> Insp. Status: <u>CI</u>
Facility ID:	<u>471068</u>	Type:	<u>WELL</u>	API Number: <u>123-50754</u> Status: <u>AP</u> Insp. Status: <u>CI</u>
Facility ID:	<u>471069</u>	Type:	<u>WELL</u>	API Number: <u>123-50755</u> Status: <u>DG</u> Insp. Status: <u>CI</u>
Facility ID:	<u>471070</u>	Type:	<u>WELL</u>	API Number: <u>123-50756</u> Status: <u>AP</u> Insp. Status: <u>CI</u>
Facility ID:	<u>471071</u>	Type:	<u>WELL</u>	API Number: <u>123-50757</u> Status: <u>AP</u> Insp. Status: <u>CI</u>
Facility ID:	<u>471072</u>	Type:	<u>WELL</u>	API Number: <u>123-50758</u> Status: <u>AP</u> Insp. Status: <u>CI</u>
Facility ID:	<u>471073</u>	Type:	<u>WELL</u>	API Number: <u>123-50759</u> Status: <u>AP</u> Insp. Status: <u>CI</u>
Facility ID:	<u>471074</u>	Type:	<u>WELL</u>	API Number: <u>123-50760</u> Status: <u>AP</u> Insp. Status: <u>CI</u>

**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 \_\_\_\_\_ Pass \_\_\_\_\_

Comment \_\_\_\_\_

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

Date \_\_\_\_\_

1002b. SOIL REMOVAL AND SEGREGATION \_\_\_\_\_

Comment \_\_\_\_\_

Appears topsoil was salvaged and stored along the northern perimeter of the location in compliance with Rule 1002.b.

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

Date \_\_\_\_\_

1002c. PROTECTION OF SOILS \_\_\_\_\_ Pass \_\_\_\_\_

Comment \_\_\_\_\_

Topsoil has been temporarily stabilized with evidence of drill rows and crimped straw/mulch for long-term stabilization in compliance with Rule 1002.c.

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

Date \_\_\_\_\_

1002E. SURFACE DISTURBANCE MINIMIZATION \_\_\_\_\_

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? \_\_\_\_\_

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 Operator shall comply with interim reclamation timing requirements.

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
<p><b>Comment:</b> Operator has installed stormwater and erosion control BMPs during the construction phase of the location throughout the disturbance areas, some BMPs are still in-process (i.e., retention areas and sediment traps). The sediment trap in the northwest corner of the location appears to be inadequate in size. A follow-up stormwater inspection will be conducted at a future date to ensure compliance with Rule 1002.f. standards. Refer to the COGCC Comments section for additional stormwater compliance information. Refer to attached inspection photos.</p> <p><b>Corrective Action:</b> Comply with Rule 304.c. (15) Operator shall provide a stamped &amp; approved Stormwater Management Plan from a Colorado licensed, professional engineer, as an attachment to FIRR.</p> <p><b>Date:</b> 12/16/2022</p>						
<p><b>Pits:</b> <input checked="" type="checkbox"/> NO SURFACE INDICATION OF PIT</p>						

**COGCC Comments**

Comment	User	Date
Per Rule 1002.f., oil and gas operators shall implement and maintain Best Management Practices (BMPs) at all oil and gas locations to control stormwater runoff in a manner that minimizes erosion, transport of sediment offsite, and site degradation. BMPs shall be maintained until the facility is abandoned and final reclamation is achieved pursuant to Rule 1004. Operators shall employ BMPs, as necessary to comply with this rule, at all oil and gas locations, including, but not limited to, well pads, soil stock piles, access roads, tank batteries, compressor stations, and pipeline rights of way. BMPs shall be selected based on site specific conditions, such as slope, vegetation cover, and proximity to water bodies, and may include maintaining in-place some or all of the BMPs installed during the construction phase of the facility. Where applicable based on site-specific conditions, operators shall implement BMPs in accordance with good engineering practices.	edwardsond	12/09/2022

**Attached Documents**

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

Document Num	Description	URL
696105654	Inspection Photos	<a href="http://ogccwebblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5939734">http://ogccwebblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5939734</a>