

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:

10/11/2022

Submitted Date:

10/20/2022

Document Number:

696105530

FIELD INSPECTION FORM

 Loc ID 455657 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: 10670
 Name of Operator: MALLARD EXPLORATION LLC
 Address: 1400 16TH STREET SUITE 300
 City: DENVER State: CO Zip: 80202
Findings:

- 7 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
DYK, DUSTIN	720-543-7954	ddyk@mallardexploration.com	

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
455657	LOCATION	AC			-	Bashor 9-60 27B Pad	RI
455658	WELL	PR	08/01/2022	OW	123-47202	BASHOR FED 27-34-1HN	RI
455660	WELL	PR	08/01/2022	OW	123-47204	Bashor Fed 27-3-2HN	RI
455664	WELL	PR	08/01/2022	OW	123-47208	Bashor Fed 27-3-3HN	RI
455668	WELL	PR	08/01/2022	OW	123-47211	Bashor Fed 27-3-4HN	RI
455670	WELL	PR	08/01/2022	OW	123-47213	Bashor Fed 27-3-6HN	RI
455674	WELL	PR	08/01/2022	OW	123-47217	Bashor Fed 27-3-8HN	RI
455676	WELL	PR	08/01/2022	OW	123-47219	BASHOR FED 27-3-9HN	RI
455677	WELL	PR	08/01/2022	OW	123-47220	Bashor Fed 27-3-7HN	RI

General Comment:

This is an Interim Reclamation and Stormwater Inspection for Location ID (455657). Any corrective actions from previous inspections are still applicable.

Location

Overall Good:

Emergency Contact Number:

Comment:

Corrective Action:

Date: _____

Good Housekeeping:

Type	WEEDS		
Comment:	Annual weedy vegetation (e.g. kochia, russian thistle) was observed throughout the location. Refer to attached inspection photos.		
Corrective Action:	Comply with Rule 606.	Date:	10/11/2022
	Corrective action date is the date the location was observed out of compliance.		
Type	TRASH		
Comment:	Trash was observed both on and off location. Refer to attached inspection photos.		
Corrective Action:	Comply with Rule 606.	Date:	10/11/2022
	Corrective action date is the date the location was observed out of compliance.		
Type	UNUSED EQUIPMENT		
Comment:	Pipe/equipment stored next to stormwater ditch on southwest portion of location. Refer to attached inspection photos.		
Corrective Action:	Comply with Rule 606.	Date:	10/11/2022
	Corrective action date is the date the location was observed out of compliance.		

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:

Inspected Facilities

Facility ID: <u>455657</u>	Type: <u>LOCATION</u>	API Number: <u>-</u>	Status: <u>AC</u>	Insp. Status: <u>RI</u>
Facility ID: <u>455658</u>	Type: <u>WELL</u>	API Number: <u>123-47202</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>455660</u>	Type: <u>WELL</u>	API Number: <u>123-47204</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>455664</u>	Type: <u>WELL</u>	API Number: <u>123-47208</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>455668</u>	Type: <u>WELL</u>	API Number: <u>123-47211</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>455670</u>	Type: <u>WELL</u>	API Number: <u>123-47213</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>455674</u>	Type: <u>WELL</u>	API Number: <u>123-47217</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>455676</u>	Type: <u>WELL</u>	API Number: <u>123-47219</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>455677</u>	Type: <u>WELL</u>	API Number: <u>123-47220</u>	Status: <u>PR</u>	Insp. Status: <u>RI</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 _____

Comment _____

Corrective Action _____

Date _____

1002b. SOIL REMOVAL AND _____

Comment _____

Corrective Action _____

Date _____

1002c. PROTECTION OF SOILS _____

Comment _____

Corrective Action _____

Date _____

1002E. SURFACE DISTURBANCE MINIMIZATION _____

Comment _____

Corrective Action _____

Date _____

1003a. Waste and Debris removed? _____

Comment _____

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? Fail 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? Fail
 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 Fail

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? F

Comment This location does not comply with Rule 1003. During this inspection, COGCC Staff observed that interim areas are not progressing towards interim reclamation standards and rules. Interim areas have failed to revegetate and consist of annual weedy vegetation (e.g. kochia, russian thistle) and areas of non-uniform cover resulting in bare soil. Trash, metal, and debris were observed in the stormwater ditches and also observed to exit off of location into adjacent lands; and unused equipment was being stored on location. Refer to attached inspection photos.

Corrective Action Perform reclamation in accordance to Rule 1003. Establish vegetation with total perennial, non-invasive uniform plant cover of at least eighty (80) percent of reference area levels. Use a seed mixture requested by the surface owner, or a mixture prescribed by the local county NRCS. Ensure erosion controls are implemented to stabilize the seeded soil, and continue to monitor and manage this site until the location meets Rule 1003 standards.

Corrective action date is the date the location was observed out of compliance.

Date 10/11/2022

Overall Interim Reclamation Fail

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: This location does not comply with Rule 1002.f. During this inspection COGCC Staff observed rill erosion around portions of the ditch and berm BMPs, and portions of the ditch and berm BMP are not properly stabilized and have been left unconsolidated. It was also observed that portions of the ditch and inlets/outlets are filled with sediment, have improperly installed straw wattles, and have annual weedy vegetation growing in them; the stormwater BMPs have not been properly maintained.

Corrective Action: Install or repair required BMPs per Rule 1002.f.
Corrective action date is the date the location was observed out of compliance.

Date: 10/11/2022

Pits: NO SURFACE INDICATION OF PIT

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	10/20/2022

Attached Documents

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

Document Num	Description	URL
696105531	Inspection Photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5892524