

**FORM  
INSP**Rev  
X/15**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:

02/04/2019

Submitted Date:

02/06/2019

Document Number:

682504483**FIELD INSPECTION FORM**

Loc ID 453517	Inspector Name: Trujillo, Aaron	On-Site Inspection <input type="checkbox"/>	2A Doc Num: _____	<b>Status Summary:</b> <input checked="" type="checkbox"/> THIS IS A FOLLOW UP INSPECTION <input type="checkbox"/> FOLLOW UP INSPECTION REQUIRED <input type="checkbox"/> NO FOLLOW UP INSPECTION REQUIRED  <b>Findings:</b> 12 Number of Comments 0 Number of Corrective Actions <input type="checkbox"/> Corrective Action Response Requested
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**Operator Information:**  
 OGCC Operator Number: 10670  
 Name of Operator: MALLARD EXPLORATION LLC  
 Address: 1400 16TH STREET SUITE 300  
 City: DENVER State: CO Zip: 80202

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

<b>Contact Information:</b>			
Contact Name	Phone	Email	Comment
		emathews@mallardexploration.com	
		ddyk@mallardexploration.com	

<b>Inspected Facilities:</b>							
Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
453518	WELL	XX	12/22/2017		123-46169	Green Teal Fed 34-27-10HN	CI
453519	WELL	XX	12/22/2017		123-46170	Green Teal Fed 34-27-1HN	CI
453520	WELL	XX	12/22/2017		123-46171	Green Teal Fed 34-27-9HN	CI
453521	WELL	XX	12/22/2017		123-46172	Green Teal Fed 34-27-3HN	CI
453522	WELL	XX	12/22/2017		123-46173	Green Teal Fed 34-27-12HN	CI
453523	WELL	XX	12/22/2017		123-46174	Green Teal Fed 34-27-13HN	CI
453524	WELL	XX	12/22/2017		123-46175	Green Teal Fed 34-27-11HC	CI
453525	WELL	XX	12/22/2017		123-46176	Green Teal Fed 34-27-14HN	CI
453526	WELL	XX	12/22/2017		123-46177	Green Teal Fed 34-27-15HC	CI
453527	WELL	XX	12/22/2017		123-46178	Green Teal Fed 34-27-2HC	CI
453528	WELL	XX	12/22/2017		123-46179	Green Teal Fed 34-27-5HN	CI
453529	WELL	XX	12/22/2017		123-46180	Green Teal Fed 34-27-8HN	CI
453530	WELL	XX	12/22/2017		123-46181	Green Teal Fed 34-27-4HN	CI
453531	WELL	XX	12/22/2017		123-46182	Green Teal Fed 34-27-16HN	CI
453532	WELL	XX	12/22/2017		123-46183	Green Teal Fed 34-27-6HC	CI
453533	WELL	XX	12/22/2017		123-46184	Green Teal Fed 34-27-7HN	CI

<b>General Comment:</b>
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This is a follow-up pre-drill, construction and stormwater inspection. Any corrective action(s) from previous inspections that have not been addressed are still applicable.

### Location Construction

Location ID: 453518 CDP: \_\_\_\_\_

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

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

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

**Form 2A COAs:****Comment:** \_\_\_\_\_

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

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

**Wildlife BMPs:****Comment:** \_\_\_\_\_

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

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

**Stormwater:**

Erosion BMPs	Present	Other BMPs	Present
		Vehicle Trakcing	Yes`

Comments: Erosion BMPs: \_\_\_\_\_

Other BMPs: Tracking pad on the south end of the location appears to be in proper functioning condition.

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

DITCHES	Yes		`
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Comments: Erosion BMPs: Previous inspection documented insufficient stormwater and erosion control BMPs along the western, northwest and northeastern areas of the pad/location. Ditch/berm has been installed and appears to be in proper functioning condition.

Other BMPs: \_\_\_\_\_

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

DITCHES	Yes		`
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Comments: Erosion BMPs: Previous inspection documented that the perimeter stormwater ditch and berm was not installed in accordance with good engineering practices. Ditch/berm has been update and appears to be in proper functioning condition.

Other BMPs: \_\_\_\_\_

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

	Yes		`
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Comments: Erosion BMPs: \_\_\_\_\_

Other BMPs: \_\_\_\_\_

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

	Yes		`
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Comments: Erosion BMPs: \_\_\_\_\_

Other BMPs: Two porta-john s on the east end of the pad appear to have been sufficiently secured.

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

	Yes		
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Comments: Erosion BMPs:

Other BMPs:

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>453518</u>	Type: <u>WELL</u>	API Number: <u>123-46169</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>
Facility ID: <u>453519</u>	Type: <u>WELL</u>	API Number: <u>123-46170</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>
Facility ID: <u>453520</u>	Type: <u>WELL</u>	API Number: <u>123-46171</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>
Facility ID: <u>453521</u>	Type: <u>WELL</u>	API Number: <u>123-46172</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>
Facility ID: <u>453522</u>	Type: <u>WELL</u>	API Number: <u>123-46173</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>
Facility ID: <u>453523</u>	Type: <u>WELL</u>	API Number: <u>123-46174</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>
Facility ID: <u>453524</u>	Type: <u>WELL</u>	API Number: <u>123-46175</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>
Facility ID: <u>453525</u>	Type: <u>WELL</u>	API Number: <u>123-46176</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>
Facility ID: <u>453526</u>	Type: <u>WELL</u>	API Number: <u>123-46177</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>
Facility ID: <u>453527</u>	Type: <u>WELL</u>	API Number: <u>123-46178</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>
Facility ID: <u>453528</u>	Type: <u>WELL</u>	API Number: <u>123-46179</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>
Facility ID: <u>453529</u>	Type: <u>WELL</u>	API Number: <u>123-46180</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>
Facility ID: <u>453530</u>	Type: <u>WELL</u>	API Number: <u>123-46181</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>
Facility ID: <u>453531</u>	Type: <u>WELL</u>	API Number: <u>123-46182</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>
Facility ID: <u>453532</u>	Type: <u>WELL</u>	API Number: <u>123-46183</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>
Facility ID: <u>453533</u>	Type: <u>WELL</u>	API Number: <u>123-46184</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>

**Reclamation - Storm Water - Pit****Interim Reclamation:**

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

Land Use: DRY LAND

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

**1002 SITE PREPARATION AND STABILIZATION**

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

Comment \_\_\_\_\_

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

Date \_\_\_\_\_

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

Comment \_\_\_\_\_

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

Date \_\_\_\_\_

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

Comment \_\_\_\_\_

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

Date \_\_\_\_\_

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

Comment

Previous inspection required operator to install BMPs to mitigate wind erosion and sediment transport off location. Operator notified inspector that a water truck was brought onto the location and the pad sprayed with water. No ongoing wind erosion occurring at time of inspection. Continue to maintain BMPs to mitigate erosion degradation.

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? \_\_\_\_\_ 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: DRY LAND \_\_\_\_\_

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
Ditches	Pass					Perimeter pad/location
				Material Handling And Spill Prevention	Pass	Porta-johns secured
Sediment Traps	Pass					Rock aggregate for outlet
Seeding	In Process					@ soil stockpile, perimeter disturbance
Waddles	Fail					See comment below.
Mulching	Pass					@ soil stockpile, perimeter disturbance
Retention Ponds	Pass					SE end of pad
Berms	Pass					
		Tracking Pad	Pass			
		Culverts	Pass			

Comment: Straw wattles on the south end of the pad have not been installed in accordance with good engineering practices; Wattles are required to be trenched, and ends tightly "butted" or tightly overlapped in order to be in proper functioning condition.

Wattles have not been trenched, and sections of ends have been overlaid on top of each other creating insufficient surface contact and gaps/pathways for water to concentrate and cut under the BMP. See photos 11-12

However, additional perimeter controls in place to mitigate stormwater runoff bypassing the BMP. Operator is advised to install BMP in accordance with good engineering practice, or remove if it is determined that BMP is no longer required.

Corrective Action:

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

**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
682504485	Inspection Photos	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4726061">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4726061</a>