

**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:

04/20/2023

Submitted Date:

04/28/2023

Document Number:

708200181

**FIELD INSPECTION FORM**Loc ID 317357 Inspector Name: Edwardson, Dylan On-Site Inspection ☐ 2A Doc Num: \_\_\_\_\_**Operator Information:**

OGCC Operator Number: 10690

Name of Operator: IMPETRO RESOURCES LLC

Address: 558 CASTLE PINES PKWY UNIT B-4

City: CASTLE PINES State: CO Zip: 80108

**Status Summary:**☐ THIS IS A FOLLOW UP INSPECTION☒ FOLLOW UP INSPECTION REQUIRED☐ NO FOLLOW UP INSPECTION REQUIRED**Findings:**

9 Number of Comments

7 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
Heibel, Krystal		krystal.heibel@state.co.us	
Bongers, Brent		bbongers@impetroresources.com	

**Inspected Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
264817	PIT	AC			-	CHRISTIANSON 21-12	RI
265306	WELL	PR	05/01/2022	OW	121-10680	CHRISTIANSON 21A - 12	RI
317357	LOCATION	AC			-	CHRISTIANSON-63S50W 12NENW	RI

**General Comment:**

This is an Interim Reclamation and Stormwater Inspection for Location ID (317357).

**Location**Overall Good: ☐

Emergency Contact Number:

Comment: Corrective Action: Date: **Good Housekeeping:**

Type	STORAGE OF SUPL		
Comment:	Appears the location is being used as a storage yard. Refer to attached inspection photos for documentation.		
Corrective Action:	Comply with Rule 606. Storage of supplies, equipment, etc is prohibited on location.	Date:	05/12/2023
Type	UNUSED EQUIPMENT		
Comment:	Unused equipment observed throughout the location. Refer to attached inspection photos.		
Corrective Action:	Comply with Rule 606 and remove all unused equipment.	Date:	05/06/2023
Type	DEBRIS		
Comment:	Debris and trash located throughout the location. Refer to attached inspection photos for documentation.		
Corrective Action:	Comply with Rule 606 and remove all debris/trash from location.	Date:	05/06/2023

Overall Good: ☐**Spills:**

Type	Area	Volume		
Comment:	During this inspection Staff observed stained soil throughout the location including free fluid on the side of tanks, pooling of unknown material within pump house, and hydrocarbon soaked filter media at the pit and within open top barrel in secondary containment. Stained soil appears to be historic and Staff unable to determine amount of impacted material observed throughout the location. Refer to attached inspection photos for documentation.			
Corrective Action:	Report spill or release of E&P waste or produced fluids, remove free fluids and contact COGCC EPS staff per Rule 912.b.(1)G. 24 hours to remove free fluids. 24 hours for notification and 72 hours for Initial Form 19 Report.			Date: 05/01/2023

In Containment: No

Comment: ☐ Multiple Spills and Releases?**Equipment:**

Type:	#		corrective date
Comment:	Fittings and connections at tanks and other facilities appear to be leaking, causing stained soil. Refer to attached inspection photos for documentation.		
Corrective Action:	Securely fasten all valves, pipes, fittings, and Production Facilities to ensure good mechanical condition, inspect at regular intervals and maintain in good mechanical condition per Rule 608.e.		
		Date:	05/13/2023

**Venting:**

Yes/No			
Comment:			
Corrective Action:			
		Date:	

**Flaring:**

Type		
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Comment:			
Corrective Action:		Date:	

Inspected Facilities									
Facility ID:	<u>264817</u>	Type:	<u>PIT</u>	API Number:	<u>-</u>	Status:	<u>AC</u>	Insp. Status:	<u>RI</u>
Facility ID:	<u>265306</u>	Type:	<u>WELL</u>	API Number:	<u>121-10680</u>	Status:	<u>PR</u>	Insp. Status:	<u>RI</u>
Facility ID:	<u>317357</u>	Type:	<u>LOCATION</u>	API Number:	<u>-</u>	Status:	<u>AC</u>	Insp. Status:	<u>RI</u>

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

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

Land Use: \_\_\_\_\_

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 \_\_\_\_\_

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? \_\_\_\_\_ 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? **Fail** 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? \_\_\_\_\_

Comment **This location does not comply with Rule 1003. Interim areas around the well do not appear to be progressing towards reclamation standards. Non-uniform vegetation cover resulting in exposed/bare soil was evident in the areas north of the pumpjack. Soil will need to be properly stabilized with vegetation cover reflective of adjacent areas to prevent degradation and meet Rule 1003 standards. Refer to attached inspection photos for documentation.**

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 **04/20/2023**

Overall Interim Reclamation **Fail**

**Final Reclamation/ Abandoned Location:**

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

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

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
		Other	Fail			Production areas do not appear stabilized.

Comment: This location does not comply with Rule 1002.f. At the time of this inspection Staff observed that a stormwater ditch/diversion was constructed near the northwest portion of the location's entrance leading to off-site sediment transport into adjacent bar ditch. It does not appear that a properly engineered sediment basin was constructed in this area as it is a natural low point on the location. More robust stormwater BMPs must be implemented to manage stormwater run on and run off to prevent further degradation to adjacent land. Additionally, pit walls appear unstabilized with evidence of unconsolidated material and sediment deposition at the base of the pit perimeter. Refer to attached inspection photos for documentation.

Corrective Action: Immediately install or repair required BMPs per Rule 1002.f. in accordance with good engineering practices. Corrective action date is the date the location was observed out of compliance, as it should be in compliance at all times.

Date: 04/20/2023

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
403388609	INSPECTION SUBMITTED	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=6097723">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=6097723</a>
708200212	Inspection Photos	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=6097716">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=6097716</a>