

**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:

12/20/2018

Submitted Date:

12/21/2018

Document Number:

688303281**FIELD INSPECTION FORM**
 Loc ID 317038 Inspector Name: Sherman, Susan On-Site Inspection ☐ 2A Doc Num: _____
Operator Information:OGCC Operator Number: 10690Name of Operator: IMPETRO RESOURCES LLCAddress: 2820 LOGAN DRIVECity: LOVELAND State: CO Zip: 80538**Status Summary:**

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

Findings:6 Number of Comments2 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
Young, Rob		rob.young@state.co.us	
Bradley, Sam	970-593-8626	sbradley.impetro@gmail.com	Principal Agent

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
234808	WELL	PR	08/01/2017	OW	121-06946	RAY WALTERS 1	SI

General Comment:

Produced water spill from east pit on 12/19/2018. Form 19 I was submitted by operator. COGCC EOS, LGD and landowner were contacted by operator.

LocationOverall Good: ☐**Signs/Marker:**

Type	BATTERY		
Comment:			
Corrective Action:		Date:	

Emergency Contact Number:

Comment:

Corrective Action: Date:

Overall Good: ☐**Spills:**

Type	Area	Volume		
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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:	234808	Type:	WELL	API Number:	121-06946	Status:	PR	Insp. Status:	SI
Idle Well									
Purpose: <input checked="" type="checkbox"/> Shut In <input type="checkbox"/> Temporarily Abandoned Reminder: _____									
Comment: <input type="text" value="SI for spill."/> _____									
Corrective Action: <input type="text"/> _____ Date: _____									

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

Date Interim Reclamation Started: _____ Date Interim Reclamation Completed: _____

Land Use: _____

Comment: dryland**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? _____
- Production areas have been stabilized? _____ Segregated soils have been replaced? _____

RESTORATION AND REVEGETATIONCropland

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: _____

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: _____

Corrective Action: _____

Date: _____

Pits: ☐ NO SURFACE INDICATION OF PITType: Produced WaterLined: NO

Pit ID: _____

Lat: _____

Long: _____

Reference Point: _____

Other: _____

Length: _____

Width: _____

Lining:

Liner Type: _____

Liner Condition: _____

Comment: _____

Corrective Action: _____

Date: _____

Fencing:Fencing Type: None

Fencing Condition: _____

Comment: _____

Corrective Action: _____

Date: _____

Netting:

Netting Type: _____

Netting Condition: _____

Comment: _____

Corrective Action: _____

Date: _____

Anchor Trench Present: _____

Oil Accumulation: YES

2+ feet Freeboard: _____

Comment: Stained soil in pit below pit tank (see attached photo).

Corrective Action: _____

Date: 01/21/2019Type: Produced WaterLined: NO

Pit ID: _____

Lat: _____

Long: _____

Reference Point: _____

Other: _____

Length: _____

Width: _____

Lining:

Liner Type: _____

Liner Condition: _____

Comment: _____

Corrective Action: _____

Date: _____

Fencing:Fencing Type: None

Fencing Condition: _____

Comment: _____

Corrective Action: _____

Date: _____

Netting:

Netting Type: _____

Netting Condition: _____

Inspector Name: Sherman, Susan

Comment:		Date:
Corrective Action		
Anchor Trench Present: Oil Accumulation: <u>NO</u> 2+ feet Freeboard: <u>NO</u>		
Comment:	See attached photos. See submitted Form 19 I for details of spill from 12/19/2018. COGCC EPS was contacted by operator.	
Corrective Action	Lower fluid level so at least two feet of freeboard exists per Rule 902.b.	
		Date: <u>12/22/2018</u>

Attached Documents

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

Document Num	Description	URL
401884095	INSPECTION SUBMITTED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4685398