

**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:

09/17/2022

Submitted Date:

09/19/2022

Document Number:

688313134

**FIELD INSPECTION FORM**Loc ID 317477 Inspector Name: Sherman, Susan On-Site Inspection ☐ 2A Doc Num: \_\_\_\_\_**Operator Information:**

OGCC Operator Number: 68710

Name of Operator: PETERSON ENERGY OPERATING INC

Address: PO BOX 2169

City: LOVELAND State: CO Zip: 80539-

**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
Dornbos, Ryan		ryan@petersonenergyoperating.com	
Peterson, Andy	970-669-7411	andy.peterson@petersonenergy.com	
Leonard, Mike		mike.leonard@state.co.us	
Graber, Nikki		nikki.graber@state.co.us	
Deranleau, Greg		greg.deranleau@state.co.us	

**Inspected Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
295348	WELL	PR	04/01/2021	OW	121-10985	CHURCH 41B-25	PR

**General Comment:****Pit Spill Inspection**

Inspector was contacted by operator on 9/16/2022 at ~1900 hrs about pit wall breach that spill produced water. Operator was contacting the required people per COGCC rules and completing the Form 19I. Inspector did this field inspection on 9/17/2022 and told operator to SI the well that was still sending produced water to the other pit on location and to clean up the free oil on the ground around the pit right away to minimize wildlife contact.

**Location**Overall Good: ☒**Signs/Marker:**

Type	TANK LABELS/PLACARDS		
Comment:			
Corrective Action:		Date:	
Type	BATTERY		
Comment:			
Corrective Action:		Date:	
Type	CONTAINERS		
Comment:			
Corrective Action:		Date:	
Type	WELLHEAD		
Comment:			
Corrective Action:		Date:	

Emergency Contact Number:

Comment: 970-669-7411

Corrective Action:

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

Overall Good: ☐**Spills:**

Type	Area	Volume		
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In Containment: No

Comment:

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

Type: FWKO	# 1		corrective date
Comment:			
Corrective Action:		Date:	
Type: Progressive Cavity	# 1		
Comment:			
Corrective Action:		Date:	
Type: Deadman # & Marked	# 4		
Comment:			
Corrective Action:		Date:	
Type: Vertical Heater Treater	# 1		
Comment:			
Corrective Action:		Date:	
Type: Bradenhead	# 1		
Comment:			

Corrective Action:		Date:	
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**Tanks and Berms:**

Contents	#	Capacity	Type	Tank ID	SE GPS
PRODUCED WATER	1	300 BBLS	STEEL AST		,
Comment:					
Corrective Action:					Date:

**Paint**

Condition	
Other (Content)	
Other (Capacity)	
Other (Type)	

**Berms**

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Comment: same earth berms as 500 bbl produced water tank				
Corrective Action:				Date:

Contents	#	Capacity	Type	Tank ID	SE GPS
PRODUCED WATER	1	300 BBLS	FIBERGLASS AST		,
Comment:					
Corrective Action:					Date:

**Paint**

Condition	
Other (Content)	
Other (Capacity)	
Other (Type)	

**Berms**

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Comment: same earth berms as 500 bbl produced water tank				
Corrective Action:				Date:

Contents	#	Capacity	Type	Tank ID	SE GPS
PRODUCED WATER	1	500 BBLS	STEEL AST		,
Comment: bolted tank					
Corrective Action:					Date:

**Paint**

Condition	
Other (Content)	
Other (Capacity)	
Other (Type)	

**Berms**

Inspector Name: Sherman, Susan

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance	
Earth	Inadequate	Walls Insufficient	Base Insufficient	Inadequate	
Comment: Berms were breached due to pit spill.					
Corrective Action: Repair or install berms or other secondary containment devices per Rule 603.o.					Date: 10/19/2022

Contents	#	Capacity	Type	Tank ID	SE GPS	
CRUDE OIL	4	300 BBLs	STEEL AST		,	
Comment:						
Corrective Action:						
Date:						

**Paint**

Condition	Adequate	
Other (Content)		
Other (Capacity)		
Other (Type)		

**Berms**

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance	
Earth	Adequate				
Comment:					
Corrective Action:					Date:

**Wells Served By Facilities Above**

API Number
121-10985
121-10858
121-10865

**AirsID**

API Number	AirsID
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**Venting:**

Yes/No	NO		
Comment:			
Corrective Action:		Date:	

**Flaring:**

Type		
Comment:		
Corrective Action:		Date:

Inspected Facilities									
Facility ID:	295348	Type:	WELL	API Number:	121-10985	Status:	PR	Insp. Status:	PR
Producing Well									
Comment:	pr								
Corrective Action:						Date:			

**Environmental****Spills/Releases:**Type of Spill: PRODUCED WATEREstimated Spill Volume: 2500

Comment: See attached photos of spill. There are 2 permitted produced water pits at this tank battery. The north pit berm of the eastern pit blew out behind the FWKO and the 500 bbl bolted tank. Produced water ran through the treater/FWKO and 3 produced water tank area and berms. Some free oil spots are present.

Corrective Action: Form 19I, document number 403169688 was submitted and is in process. Operator is to shut In well that is producing and clean up free oil. Contact COGCC EPS.

Date: 09/23/2022Reportable: YESGPS: Lat 39.768460Long -103.032770Proximity to Surface Water: 2120Depth to Ground Water: 215**Water Well Complaint:**DWR Receipt Num: 9058039Owner Name: Friend, ArnoldGPS : 39.764806Lat 39.764806Long -103.025576**Field Parameters:**

Sample Location: \_\_\_\_\_

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

## Reclamation - Storm Water - Pit

**Storm Water:**

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment
Berms	Fail					

Comment: [Follow Form 17's Remediation Plan.](#)

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: [CRP](#)

Corrective Action

Date:

**Netting:**

Netting Type:

Netting Condition:

Comment:

Corrective Action

Date:

Anchor Trench Present:

Oil Accumulation:

2+ feet Freeboard:

Comment: [The Eastn pit's wall on the NW cor broke spilling produced water. Some oil spots are present.](#)

Corrective Action

Date:

Type: 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:		
Comment:	Produced water running into pit from pipe because well is still on.	Date:
Corrective Action		

### **Attached Documents**

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

Document Num	Description	URL
403170995	INSPECTION SUBMITTED	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5864215">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5864215</a>
688313135	Peterson Operating Church 41B-25 spill	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5864214">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5864214</a>