

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

LocationOverall Good: ☒

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

Emergency Contact Number:

Comment: 970-669-7411

Corrective Action:

Date: _____

Overall Good: ☐

Spills:			
Type	Area	Volume	

In Containment: No

Comment:

☐ Multiple Spills and Releases?

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

Corrective Action:		Date:	
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Tanks and Berms:

Contents	#	Capacity	Type	Tank ID	SE GPS
PRODUCED WATER	1	500 BBLS	STEEL AST		,

Comment: bolted tank

Corrective Action:		Date:	
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Paint

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

Berms

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
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Contents	#	Capacity	Type	Tank ID	SE GPS
PRODUCED WATER	1	300 BBLS	FIBERGLASS AST		,

Comment:

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

Comment:

Corrective Action:		Date:	
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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
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 PIT

Type: Produced Water Lined: NO Pit ID: Lat: Long:

Reference Point: _____ Other: _____ Length: _____ Width: _____

Lining:

Liner Type: _____ Liner Condition: _____

Comment: _____

Corrective _____

Date: _____

Fencing:Fencing Type: None Fencing Condition: _____

Comment: _____

Corrective _____

Date: _____

Netting:

Netting Type: _____ Netting Condition: _____

Comment: _____

Corrective _____

Date: _____

Anchor Trench Present: _____ Oil Accumulation: NO 2+ feet Freeboard: _____Comment: [Produced water running into pit from pipe because well is still on.](#)

Corrective _____

Date: _____

Type: Produced Water Lined: NO Pit ID: Lat: Long:

Reference Point: _____ Other: _____ Length: _____ Width: _____

Lining:

Liner Type: _____ Liner Condition: _____

Comment: _____

Corrective _____

Date: _____

Fencing:Fencing Type: None Fencing Condition: _____Comment: [CRP](#)

Corrective _____

Date: _____

Netting:

Netting Type: _____ Netting Condition: _____

Comment: _____

Corrective _____

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	Date:	

Attached Documents

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

Document Num	Description	URL
688313135	Peterson Operating Church 41B-25 spill	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5864214