

**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: _____

Status Summary:

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

Operator Information:

OGCC Operator Number: 68710
Name of Operator: PETERSON ENERGY OPERATING INC
Address: PO BOX 2169
City: LOVELAND State: CO Zip: 80539-

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:

Corrective Action:

Date: _____

Overall Good:

Spills:			
Type	Area	Volume	

In Containment: No

Comment:

Multiple Spills and Releases?

Equipment:			corrective date
Type: FWKO	# 1		
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:	Date:
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				Date:
Corrective Action:				Date:

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

Comment:	Date:
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				Date:
Corrective Action:				Date:

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

Comment: bolted tank	Date:
Corrective Action:	Date:

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

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

AirsID

API Number
121-10985
121-10858
121-10865

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 WATER

Estimated 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: 09/23/2022

Reportable: YES

GPS: Lat 39.768460

Long -103.032770

Proximity to Surface Water: 2120

Depth to Ground Water: 215

Water Well Complaint:

DWR Receipt Num: 9058039

Owner Name: Friend, Arnold

GPS : 39.764806

Lat 39.764806 Long -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 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 Eastm pit's wall on the NW cor broke spilling produced water. Some oil spots are present.](#)

Corrective Action _____ Date: _____

Type: Produced Water Lined: 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:		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.	
Corrective Action		Date:

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	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5864215
688313135	Peterson Operating Church 41B-25 spill	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5864214