

**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:

07/18/2023

Submitted Date:

07/18/2023

Document Number:

697007744

**FIELD INSPECTION FORM**

Loc ID 454405 Inspector Name: Peterson, Tom 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: 69175  
Name of Operator: PDC ENERGY INC  
Address: 1099 18TH STREET SUITE 1500  
City: DENVER State: CO Zip: 80202

**Findings:**

- 24 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
		cogccinspection@pdce.com	

**Inspected Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
454395	WELL	PR	04/06/2020	OW	123-46528	Bluff Federal 4N-2B-L	PR
454396	WELL	PR	09/01/2020	OW	123-46529	Bluff Federal 5C-2-L	PR
454397	WELL	PR	03/21/2020	OW	123-46530	Bluff Federal 5N-2B-L	PR
454398	WELL	PR	04/20/2020	OW	123-46531	Bluff State 30N-2B-L	PR
454399	WELL	PR	04/21/2020	OW	123-46532	Bluff Federal 4N-2A-L	PR
454400	WELL	PR	09/01/2020	OW	123-46533	Bluff Federal 32C-2-L	PR
454401	WELL	PR	04/17/2020	OW	123-46534	Bluff Federal 4N-2C-L	PR
454402	WELL	PR	04/06/2020	OW	123-46535	Bluff Federal 31C-2-L	PR
454403	WELL	PR	03/21/2020	OW	123-46536	Bluff Federal 32N-2C-L	PR
454404	WELL	PR	03/30/2020	OW	123-46537	Bluff Federal 5N-2C-L	PR
454406	WELL	PR	04/02/2020	OW	123-46538	Bluff Federal 31N-2B-L	PR
454407	WELL	PR	04/20/2020	OW	123-46539	Bluff State 30C-2-L	PR

**General Comment:**

**Location**

Overall Good:

<b>Signs/Marker:</b>			
Type	TANK LABELS/PLACARDS		
Comment:			
Corrective Action:		Date:	
Type	WELLHEAD		
Comment:	x 12		
Corrective Action:		Date:	
Type	CONTAINERS		
Comment:	Methanol and chemical systems		
Corrective Action:		Date:	
Type	BATTERY		
Comment:			
Corrective Action:		Date:	

Emergency Contact Number:

Comment:

Corrective Action:  Date: \_\_\_\_\_

Overall Good:

<b>Spills:</b>				
Type	Area	Volume		

In Containment: No

Comment:

Multiple Spills and Releases?

<b>Fencing/:</b>			
Type	WELLHEAD		
Comment:	Chain link		
Corrective Action:		Date:	
Type	LOCATION		
Comment:	Chain link		
Corrective Action:		Date:	

<b>Equipment:</b>			corrective date
Type: Plunger Lift	# 12		
Comment:			
Corrective Action:		Date:	
Type: Pig Station	# 1		
Comment:			
Corrective Action:		Date:	
Type: Ancillary equipment	#		

Comment:	Bulk lube oil storage requires wildlife protections, see attached photos.		Date:	08/31/2023
Corrective Action:	Install or repair wildlife protection equipment.			
Type: Flow Line	# 12			
Comment:				
Corrective Action:			Date:	
Type: Bird Protectors	# 11			
Comment:				
Corrective Action:			Date:	
Type: Horizontal Heater Treater	# 2			
Comment:				
Corrective Action:			Date:	
Type: VRU	# 1			
Comment:				
Corrective Action:			Date:	
Type: Emission Control Device	# 5			
Comment:	Pilots are on			
Corrective Action:			Date:	
Type: Vertical Separator	# 7			
Comment:				
Corrective Action:			Date:	
Type: LACT	# 2			
Comment:				
Corrective Action:			Date:	
Type: Gas Meter Run	# 2			
Comment:	Calibration cards are current.			
Corrective Action:			Date:	
Type: Ancillary equipment	#			
Comment:	Automation array, solar array, ECD scrubbers, methanol and chemical systems in secondary containment, gensets, electrical systems			
Corrective Action:			Date:	
Type: Horizontal Heated Separator	# 4			
Comment:				
Corrective Action:			Date:	
Type: Prime Mover	# 7			
Comment:	Electric motors on LACT units, ECD scrubber and VRU			
Corrective Action:			Date:	
Type: Bradenhead	# 12			
Comment:				
Corrective Action:			Date:	
Type: Bird Protectors	# 20			

Comment:			
Corrective Action:			Date:
Type: Compressor	# 1		
Comment:			
Corrective Action:			Date:
Type: Horizontal Heated Separator	# 20		
Comment:			
Corrective Action:			Date:

**Tanks and Berms:**

Contents	#	Capacity	Type	Tank ID	SE GPS
OTHER	2	<100 BBLS	BV CONCRETE		,
Comment:	Produced fluid, 65 bbls.				
Corrective Action:					Date:

Paint

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

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Earth	Inadequate	Walls Sufficient	Base Sufficient	Inadequate
Comment:	Inadequate berms around tanks, see attached photos.			
Corrective Action:	Repair or install berms or other secondary containment devices per Rule 912.d.(1).			Date: 08/31/2023

Contents	#	Capacity	Type	Tank ID	SE GPS
PRODUCED WATER	2	400 BBLS	STEEL AST		,
Comment:					
Corrective Action:					Date:

Paint

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

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Metal	Adequate	Walls Sufficient	Base Sufficient	Adequate
Comment:				
Corrective Action:				Date:

Contents	#	Capacity	Type	Tank ID	SE GPS
CRUDE OIL	6	400 BBLS	STEEL AST		,

Comment:		
Corrective Action:		Date:

**Paint**

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

**Berms**

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Metal	Adequate	Walls Sufficent	Base Sufficent	Adequate
Comment:				
Corrective Action:				Date:

**Venting:**

Yes/No	NO		
Comment:			
Corrective Action:			Date:

**Flaring:**

Type		
Comment:		
Corrective Action:		Date:

Inspected Facilities			
Facility ID: <u>454395</u>	Type: <u>WELL</u>	API Number: <u>123-46528</u>	Status: <u>PR</u> Insp. Status: <u>PR</u>
Producing Well			
Comment: <u>PR</u>	Corrective Action: _____		Date: _____
BradenHead			
Date of Last Brhd Test: <u>03/10/2023</u>	Annual Brhd Completed? <u>Yes</u>		
Last Brhd Test Results	Initial Surf Csg Pressure: <u>0</u>	Fluid Type: _____	
	End Surf Csg Pressure: <u>0</u>		
Comment: _____	Corrective Action: _____		Date: _____
Facility ID: <u>454396</u>	Type: <u>WELL</u>	API Number: <u>123-46529</u>	Status: <u>PR</u> Insp. Status: <u>PR</u>
Producing Well			
Comment: <u>PR</u>	Corrective Action: _____		Date: _____
BradenHead			
Date of Last Brhd Test: <u>03/10/2023</u>	Annual Brhd Completed? <u>Yes</u>		
Last Brhd Test Results	Initial Surf Csg Pressure: <u>2</u>	Fluid Type: _____	
	End Surf Csg Pressure: <u>0</u>		
Comment: _____	Corrective Action: _____		Date: _____
Facility ID: <u>454397</u>	Type: <u>WELL</u>	API Number: <u>123-46530</u>	Status: <u>PR</u> Insp. Status: <u>PR</u>
Producing Well			
Comment: <u>PR</u>	Corrective Action: _____		Date: _____
BradenHead			
Date of Last Brhd Test: <u>03/10/2023</u>	Annual Brhd Completed? <u>Yes</u>		
Last Brhd Test Results	Initial Surf Csg Pressure: <u>1</u>	Fluid Type: _____	
	End Surf Csg Pressure: <u>0</u>		
Comment: _____	Corrective Action: _____		Date: _____
Facility ID: <u>454398</u>	Type: <u>WELL</u>	API Number: <u>123-46531</u>	Status: <u>PR</u> Insp. Status: <u>PR</u>
Producing Well			
Comment: <u>PR</u>	Corrective Action: _____		Date: _____

**BradenHead**

Date of Last Brhd Test: 03/10/2023 Annual Brhd Completed? Yes

Last Brhd Test Results Initial Surf Csg Pressure: 0 Fluid Type: \_\_\_\_\_

End Surf Csg Pressure: 0

Comment:

Corrective Action:

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

Facility ID: 454399 Type: WELL API Number: 123-46532 Status: PR Insp. Status: PR

**Producing Well**

Comment: PR

Corrective Action:

Date:

**BradenHead**

Date of Last Brhd Test: 03/10/2023 Annual Brhd Completed? Yes

Last Brhd Test Results Initial Surf Csg Pressure: 0 Fluid Type: \_\_\_\_\_

End Surf Csg Pressure: 0

Comment:

Corrective Action:

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

Facility ID: 454400 Type: WELL API Number: 123-46533 Status: PR Insp. Status: PR

**Producing Well**

Comment: PR

Corrective Action:

Date:

**BradenHead**

Date of Last Brhd Test: 03/10/2023 Annual Brhd Completed? Yes

Last Brhd Test Results Initial Surf Csg Pressure: 0 Fluid Type: \_\_\_\_\_

End Surf Csg Pressure: 0

Comment:

Corrective Action:

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

Facility ID: 454401 Type: WELL API Number: 123-46534 Status: PR Insp. Status: PR

**Producing Well**

Comment: PR

Corrective Action:

Date:

**BradenHead**

Date of Last Brhd Test: 03/10/2023 Annual Brhd Completed? Yes

Last Brhd Test Results Initial Surf Csg Pressure: 0 Fluid Type: \_\_\_\_\_

End Surf Csg Pressure: 0

Comment:

Corrective Action:

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

Facility ID: 454402 Type: WELL API Number: 123-46535 Status: PR Insp. Status: PR

**Producing Well**

Comment: <u>PR</u>	
Corrective Action:	Date:

**BradenHead**

Date of Last Brhd Test: 03/10/2023 Annual Brhd Completed? Yes

Last Brhd Test Results Initial Surf Csg Pressure: 1 Fluid Type: \_\_\_\_\_

End Surf Csg Pressure: 0

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

Corrective Action: \_\_\_\_\_ Date: \_\_\_\_\_

Facility ID: 454403 Type: WELL API Number: 123-46536 Status: PR Insp. Status: PR

**Producing Well**

Comment: <u>PR</u>	
Corrective Action:	Date:

**BradenHead**

Date of Last Brhd Test: 03/10/2023 Annual Brhd Completed? Yes

Last Brhd Test Results Initial Surf Csg Pressure: 13 Fluid Type: WATER H2O

End Surf Csg Pressure: 0

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

Corrective Action: \_\_\_\_\_ Date: \_\_\_\_\_

Facility ID: 454404 Type: WELL API Number: 123-46537 Status: PR Insp. Status: PR

**Producing Well**

Comment: <u>PR</u>	
Corrective Action:	Date:

**BradenHead**

Date of Last Brhd Test: 03/10/2023 Annual Brhd Completed? Yes

Last Brhd Test Results Initial Surf Csg Pressure: 0 Fluid Type: \_\_\_\_\_

End Surf Csg Pressure: 0

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

Corrective Action: \_\_\_\_\_ Date: \_\_\_\_\_

Facility ID: 454406 Type: WELL API Number: 123-46538 Status: PR Insp. Status: PR

**Producing Well**

Comment: <u>PR</u>	
Corrective Action:	Date:

**BradenHead**

Date of Last Brhd Test: 03/10/2023 Annual Brhd Completed? Yes

Last Brhd Test Results Initial Surf Csg Pressure: 0 Fluid Type: \_\_\_\_\_

End Surf Csg Pressure: 0

Comment:

Corrective Action:

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

Facility ID: 454407 Type: WELL API Number: 123-46539 Status: PR Insp. Status: PR

**Producing Well**

Comment: PR

Corrective Action:

Date:

**BradenHead**

Date of Last Brhd Test: 03/10/2023 Annual Brhd Completed? Yes

Last Brhd Test Results Initial Surf Csg Pressure: 0 Fluid Type: \_\_\_\_\_

End Surf Csg Pressure: 0

Comment:

Corrective Action:

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

**Reclamation - Storm Water - Pit**

**Storm Water:**

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment
Sediment Traps	Pass					
Rip Rap	Pass					
Berms	Pass					
Gravel	Pass	Gravel	Pass	Self Inspection	Pass	

Comment:

Corrective Action:

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

**Pits:**     NO SURFACE INDICATION OF PIT

**COGCC Comments**

Comment	User	Date
<p><a href="#">COGCC Inspection Report Summary</a>                      On Tuesday 7/18/2023 at approximately 11:35 hours, I, Inspector Tom Peterson, conducted an on-site inspection at the PDC Energy Bluff Federal State 40-1 Pad location #454405 in Weld County, Colorado.                      While there, I observed that the bulk lube oil and chemical tanks lacked wildlife protection and the two 65 bbls produced fluid tanks lacked adequate berms. The following possible compliance issues were observed: Rule 902.b. with a corrective action date of 8/31/2023, and Rule 912.d.(1). with a corrective action date of 8/31/2023.                      A follow up on this site inspection needs to be conducted to ensure the compliance issues have been corrected to comply with COGCC rules.                      This is a summary of the inspection report.</p>	petersont	07/18/2023

**Attached Documents**

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

Document Num	Description	URL
403468878	INSPECTION SUBMITTED	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=6185689">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=6185689</a>
697007745	Photos	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=6185687">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=6185687</a>