

**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:

09/01/2017

Submitted Date:

09/01/2017

Document Number:

680704491

**FIELD INSPECTION FORM**

Loc ID 332487 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: 1775 SHERMAN STREET - STE 3000  
City: DENVER State: CO Zip: 80203

**Findings:**

- 9 Number of Comments
- 3 Number of Corrective Actions
- Corrective Action Response Requested

**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
273491	WELL	PR	01/31/2009	GW	123-22367	STROH 24-12	PR

**General Comment:**

**Location**

Overall Good:

<b>Signs/Marker:</b>			
Type	TANK LABELS/PLACARDS		
Comment:			
Corrective Action:		Date:	
Type	WELLHEAD		
Comment:			
Corrective Action:		Date:	
Type	BATTERY		
Comment:			
Corrective Action:		Date:	

Emergency Contact Number:

Comment:

Corrective Action:

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

<b>Good Housekeeping:</b>			
Type	UNUSED EQUIPMENT		
Comment:	Unused load line inside of berm. See attached photo.		
Corrective Action:	Comply with Rule 603.f .	Date:	10/06/2017

Overall Good:

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

In Containment: No

Comment:

Multiple Spills and Releases?

<b>Fencing/:</b>			
Type	WELLHEAD		
Comment:	Panel		
Corrective Action:		Date:	
Type	SEPARATOR		
Comment:	Livestock fencing		
Corrective Action:		Date:	
Type	TANK BATTERY		
Comment:	Livestock fencing		
Corrective Action:		Date:	

<b>Equipment:</b>			corrective date
Type: Emission Control Device	# 1		
Comment:			
Corrective Action:		Date:	

Type: Gas Meter Run	# 1		
Comment:			
Corrective Action:			Date:
Type: Horizontal Heated Separator	# 1		
Comment:			
Corrective Action:			Date:
Type: Plunger Lift	# 1		
Comment:			
Corrective Action:			Date:
Type: Other	# 1		
Comment:	Master valve is leaking. See attached photo.		
Corrective Action:	Securely fasten all valves, pipes, and fittings to ensure good mechanical condition, inspect at regular intervals and maintain in good mechanical condition per Rule 605.d.		Date: 10/06/2017
Type: Ancillary equipment	# 1		
Comment:	ECD scrubber		
Corrective Action:			Date:
Type: Bird Protectors	# 2		
Comment:			
Corrective Action:			Date:

**Tanks and Berms:**

Contents	#	Capacity	Type	Tank ID	SE GPS
CRUDE OIL	1	400 BBLS	STEEL AST		40.298450,-104.845930
Comment:					
Corrective Action:					Date:

Paint

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

Berms

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

Contents	#	Capacity	Type	Tank ID	SE GPS
PRODUCED WATER	1	100 BBLS	PBV FIBERGLASS		40.298450,-104.845930
Comment:	Produced water vault has uplifted causing subsidence around vault. See attached photos.				
Corrective Action:	Anchor equipment ensuring anchors are engineered so the equipment will resist flotation, collapse, lateral movement, or subsidence per Rule 603.h.(2)B. Refer to the 603.h guidance document for further details.				Date: 10/06/2017

<b>Paint</b>				
Condition	Adequate			
Other (Content)				
Other (Capacity)				
Other (Type)				
<b>Berms</b>				
Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Earth	Adequate	Walls Sufficent	Base Sufficent	Adequate
Comment:				
Corrective Action:				Date:
<b>Venting:</b>				
Yes/No	NO			
Comment:				
Corrective Action:				Date:
<b>Flaring:</b>				
Type				
Comment:				
Corrective Action:				Date:

**Inspected Facilities**

Facility ID: 273491 Type: WELL API Number: 123-22367 Status: PR Insp. Status: PR

**Producing Well**

Comment: PR

Corrective Action:

Date:

**BradenHead**

Comment: Bradenhead valve is exposed at surface.

Corrective Action:

Date:

**Environmental**

**Spill/Remediation:**

Comment:

Corrective Action:  Date:

Emission Control Burner (ECB): YES

Comment:

Pilot: ON Wildlife Protection Devices (fired vessels): YES

**Reclamation - Storm Water - Pit**

**Interim Reclamation:**

Date Interim Reclamation Started: \_\_\_\_\_ Date Interim Reclamation Completed: \_\_\_\_\_

Land Use: \_\_\_\_\_

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

**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? Pass

Comment \_\_\_\_\_

Corrective Action \_\_\_\_\_

Date \_\_\_\_\_

Unused or unneeded equipment onsite? Pass

Comment \_\_\_\_\_

Corrective Action \_\_\_\_\_

Date \_\_\_\_\_

Pit, cellars, rat holes and other bores closed? Pass

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 REVEGETATION

Cropland

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
Gravel	Pass	Gravel	Pass			

Comment:

Corrective Action:

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

**Pits:**     NO SURFACE INDICATION OF PIT

**Attached Documents**

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

Document Num	Description	URL
680704492	Photos	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4243089">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4243089</a>