

**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:

05/03/2017

Submitted Date:

05/03/2017

Document Number:

680704073

**FIELD INSPECTION FORM**

Loc ID 443320 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:**

32 Number of Comments  
0 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
443315	WELL	PR	09/01/2016	OW	123-42227	Lajco 17U-203	PR
443316	WELL	PR	09/01/2016	OW	123-42228	Lajco 17R-223	PR
443317	WELL	PR	08/21/2016	OW	123-42229	Lajco 17R-403	PR
443318	WELL	PR	09/02/2016	OW	123-42230	Lajco 17M-423	PR
443319	WELL	PR	09/03/2016	OW	123-42231	Lajco 17M-323	PR
443321	WELL	PR	09/01/2016	OW	123-42232	Lajco 17R-243	PR
443322	WELL	PR	09/01/2016	OW	123-42233	Lajco 17U-343	PR
443323	WELL	PR	08/27/2016	OW	123-42234	Lajco 17R-303	PR

**General Comment:**

**Location**

Overall Good:

<b>Signs/Marker:</b>			
Type	BATTERY		
Comment:			
Corrective Action:		Date:	
Type	TANK LABELS/PLACARDS		
Comment:			
Corrective Action:		Date:	
Type	WELLHEAD		
Comment:	x 8		
Corrective Action:		Date:	
Type	CONTAINERS		
Comment:	Methanol system		
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:	Panel x 8		
Corrective Action:		Date:	
Type	IGNITOR/COMBUSTOR		
Comment:	Panel x 8		
Corrective Action:		Date:	
Type	LOCATION		
Comment:	Visual mitigation concrete fencing		
Corrective Action:		Date:	

<b>Equipment:</b>			corrective date
Type: Compressor	# 3		
Comment:	N40.31984 W-104.91299		
Corrective Action:		Date:	
Type: Horizontal Heated Separator	# 9		

Comment: <a href="#">N40.31876 W-104.91289</a>		Date:
Corrective Action:		Date:
Type: Emission Control Device	# 8	
Comment: <a href="#">N40.31905 W-104.91289</a>		Date:
Corrective Action:		Date:
Type: Bird Protectors	# 17	
Comment:		Date:
Corrective Action:		Date:
Type: Gas Meter Run	# 3	
Comment: <a href="#">Two multiple tube master meter runs and one producer check meter.</a>		Date:
Corrective Action:		Date:
Type: Ancillary equipment	# 14	
Comment: <a href="#">Three automation arrays, two solar arrays, eight ECD scrubbers and one methanol system.</a>		Date:
Corrective Action:		Date:
Type: Plunger Lift	# 8	
Comment:		Date:
Corrective Action:		Date:
Type: Pig Station	# 1	
Comment: <a href="#">N40.31857 W-104.91292</a>		Date:
Corrective Action:		Date:
Type: Prime Mover	# 3	
Comment: <a href="#">Natural gas engines on compressors</a>		Date:
Corrective Action:		Date:
Type: Other	# 2	
Comment: <a href="#">Temporary sand trap and 500 bbls skid mount tank in containment at wellheads.</a>		Date:
Corrective Action:		Date:

**Tanks and Berms:**

Contents	#	Capacity	Type	Tank ID	SE GPS
CRUDE OIL	1	300 BBLS	STEEL AST		40.319410,-104.912900
Comment:					Date:
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		
PRODUCED WATER	1	200 BBLs	STEEL AST		40.319410,-104.912900		
Comment:							
Corrective Action:						Date:	
<u>Paint</u>							
Condition	Adequate						
Other (Content)							
Other (Capacity)							
Other (Type)							
<u>Berms</u>							
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		
PRODUCED WATER	2	OTHER	PBV FIBERGLASS		40.319410,-104.912900		
Comment: 210 bbls							
Corrective Action:						Date:	
<u>Paint</u>							
Condition	Adequate						
Other (Content)							
Other (Capacity)							
Other (Type)							
<u>Berms</u>							
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		
PRODUCED WATER	5	500 BBLs	STEEL AST		40.319660,-104.913390		
Comment: Skid mount tanks							
Corrective Action:						Date:	
<u>Paint</u>							
Condition	Adequate						
Other (Content)							
Other (Capacity)							
Other (Type)							
<u>Berms</u>							

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance	
Metal	Adequate	Walls Sufficent	Base Sufficent	Adequate	
Comment:					
Corrective Action:				Date:	
Contents	#	Capacity	Type	Tank ID	SE GPS
CRUDE OIL	16	OTHER	STEEL AST		40.319410,-104.912900
Comment:	538 bbls				
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>443315</u>	Type: <u>WELL</u>	API Number: <u>123-42227</u>	Status: <u>PR</u> Insp. Status: <u>PR</u>
<b>Producing Well</b>			
Comment: <u>PR</u>	Corrective Action: <input style="width: 100%;" type="text"/>		Date: <input style="width: 50%;" type="text"/>
<b>BradenHead</b>			
Comment: <u>Bradenhead valve is exposed at surface.</u>	Corrective Action: <input style="width: 100%;" type="text"/>		Date: <input style="width: 50%;" type="text"/>
Facility ID: <u>443316</u>	Type: <u>WELL</u>	API Number: <u>123-42228</u>	Status: <u>PR</u> Insp. Status: <u>PR</u>
<b>Producing Well</b>			
Comment: <u>PR</u>	Corrective Action: <input style="width: 100%;" type="text"/>		Date: <input style="width: 50%;" type="text"/>
<b>BradenHead</b>			
Comment: <u>Bradenhead valve is exposed at surface.</u>	Corrective Action: <input style="width: 100%;" type="text"/>		Date: <input style="width: 50%;" type="text"/>
Facility ID: <u>443317</u>	Type: <u>WELL</u>	API Number: <u>123-42229</u>	Status: <u>PR</u> Insp. Status: <u>PR</u>
<b>Producing Well</b>			
Comment: <u>PR</u>	Corrective Action: <input style="width: 100%;" type="text"/>		Date: <input style="width: 50%;" type="text"/>
<b>BradenHead</b>			
Comment: <u>Bradenhead valve is exposed at surface.</u>	Corrective Action: <input style="width: 100%;" type="text"/>		Date: <input style="width: 50%;" type="text"/>
Facility ID: <u>443318</u>	Type: <u>WELL</u>	API Number: <u>123-42230</u>	Status: <u>PR</u> Insp. Status: <u>PR</u>
<b>Producing Well</b>			
Comment: <u>PR</u>	Corrective Action: <input style="width: 100%;" type="text"/>		Date: <input style="width: 50%;" type="text"/>
<b>BradenHead</b>			
Comment: <u>Bradenhead valve is exposed at surface.</u>	Corrective Action: <input style="width: 100%;" type="text"/>		Date: <input style="width: 50%;" type="text"/>
Facility ID: <u>443319</u>	Type: <u>WELL</u>	API Number: <u>123-42231</u>	Status: <u>PR</u> Insp. Status: <u>PR</u>
<b>Producing Well</b>			
Comment: <u>PR</u>	Corrective Action: <input style="width: 100%;" type="text"/>		Date: <input style="width: 50%;" type="text"/>

**BradenHead**

Comment:

Corrective Action:

Date:

Facility ID: 443321 Type: WELL API Number: 123-42232 Status: PR Insp. Status: PR

**Producing Well**

Comment:

Corrective Action:

Date:

**BradenHead**

Comment:

Corrective Action:

Date:

Facility ID: 443322 Type: WELL API Number: 123-42233 Status: PR Insp. Status: PR

**Producing Well**

Comment:

Corrective Action:

Date:

**BradenHead**

Comment:

Corrective Action:

Date:

Facility ID: 443323 Type: WELL API Number: 123-42234 Status: PR Insp. Status: PR

**Producing Well**

Comment:

Corrective Action:

Date:

**BradenHead**

Comment:

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: IRRIGATED

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: RESIDENTIAL \_\_\_\_\_

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	Self Inspection	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
680704074	Production facility	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4138536">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4138536</a>