

**FORM  
INSP**Rev  
05/11**State of Colorado****Oil and Gas Conservation Commission**

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



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Inspection Date:

03/26/2014

Document Number:

668301004

Overall Inspection:

**Violation****FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	
	<u>240713</u>	<u>318149</u>	<u>JOHNSON, RANDELL</u>	2A Doc Num: _____	

**Operator Information:**

OGCC Operator Number:

Name of Operator: PDC ENERGY INCAddress: 1775 SHERMAN STREET - STE 3000City: DENVER State: CO Zip: 80203☐ THIS IS A FOLLOW UP INSPECTION☒ FOLLOW UP INSPECTION REQUIRED☐ NO FOLLOW UP INSPECTION REQUIRED☒ INSPECTOR REQUESTS FORM 42 WHEN CORRECTIVE ACTIONS ARE COMPLETED**Contact Information:**

Contact Name	Phone	Email	Comment
Gomez, Jason		jason.gomez@state.co.us	
CANFIELD, CHRIS		chris.canfield@state.co.us	
General, All inspections	(970) 332-3520	cogccinspection@pdce.com	All PDC inspection

**Compliance Summary:**QtrQtr: SWNE Sec: 27 Twp: 2N Range: 68W

Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Unsatisfactory	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
04/07/2007	200110112	PR	PR	Unsatisfactory		Fail	Yes
11/30/1999	500162875	PR	PR			Pass	No
05/06/1999	500162874	PR	PR			Pass	No
02/07/1996	500162873	PR	PR			Pass	No

**Inspector Comment:****Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
240713	WELL	PR	04/01/2001	OW	123-08501	OUR DIANE 32-27	PR	<input checked="" type="checkbox"/>

**Equipment:**Location Inventory

Special Purpose Pits: _____	Drilling Pits: _____	Wells: _____	Production Pits: _____
Condensate Tanks: _____	Water Tanks: _____	Separators: _____	Electric Motors: _____
Gas or Diesel Motors: _____	Cavity Pumps: _____	LACT Unit: _____	Pump Jacks: _____
Electric Generators: _____	Gas Pipeline: _____	Oil Pipeline: _____	Water Pipeline: _____
Gas Compressors: _____	VOC Combustor: _____	Oil Tanks: _____	Dehydrator Units: _____
Multi-Well Pits: _____	Pigging Station: _____	Flare: _____	Fuel Tanks: _____

**Location**

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

Emergency Contact Number: (S/U/V) Satisfactory Corrective Date: \_\_\_\_\_

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

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

<b>Spills:</b>				
Type	Area	Volume	Corrective action	CA Date
Lube Oil	Pump Jack	<= 5 bbls	See corrective action guidance under "COGCC Comments" at end of document/See attached photos on last page of document	04/24/2014
Lube Oil	Pump Jack	<= 5 bbls	See corrective action guidance under "COGCC Comments" at end of document/See attached photos on last page of document	04/24/2014
PW/CO	WELLHEAD	<= 5 bbls	Remove or remediate contaminated soil resulting from spills at wellhead/See attached photos on last page of document	04/24/2014

☒ Multiple Spills and Releases?

<b>Equipment:</b>					
Type	#	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
Emission Control Device	1	Satisfactory			
Gas Meter Run	2	Satisfactory			
Prime Mover	1		Gas engine		
Horizontal Heated Separator	1	Satisfactory			
Pump Jack	1				

<b>Facilities:</b>		<input type="checkbox"/> New Tank		Tank ID: _____	
Contents	#	Capacity	Type	SE GPS	
CRUDE OIL	1	300 BBLS	STEEL AST	40.116570,-104.986830	
S/U/V:	Satisfactory		Comment: _____		
Corrective Action: _____				Corrective Date: _____	
<u>Paint</u>					
Condition	Adequate				
Other (Content) _____					
Other (Capacity) _____					
Other (Type) _____					
<u>Berms</u>					
Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance	
Earth	Adequate	Walls Sufficient	Base Sufficient	Adequate	
Corrective Action				Corrective Date	
Comment					
<b>Facilities:</b>		<input type="checkbox"/> New Tank		Tank ID: _____	
Contents	#	Capacity	Type	SE GPS	
PRODUCED WATER	1	100 BBLS	PBV FIBERGLASS	40.116570,-104.986830	
S/U/V:	Satisfactory		Comment: _____		
Corrective Action: _____				Corrective Date: _____	
<u>Paint</u>					
Condition	Adequate				
Other (Content) _____					
Other (Capacity) _____					
Other (Type) _____					
<u>Berms</u>					
Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance	
Earth	Adequate	Walls Sufficient	Base Sufficient	Adequate	
Corrective Action				Corrective Date	
Comment					
<u>Venting:</u>					
Yes/No		Comment			
NO					
<u>Flaring:</u>					
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date	

**Predrill**

Location ID: 240713

**Site Preparation:**

Lease Road Adeq.: \_\_\_\_\_ Pads: \_\_\_\_\_ Soil Stockpile: \_\_\_\_\_

**S/U/V:** \_\_\_\_\_

Corrective Action: \_\_\_\_\_ Date: \_\_\_\_\_ CDP Num.: \_\_\_\_\_

**Form 2A COAs:****S/U/V:** \_\_\_\_\_ **Comment:** \_\_\_\_\_**CA:** \_\_\_\_\_ **Date:** \_\_\_\_\_**Wildlife BMPs:****S/U/V:** \_\_\_\_\_ **Comment:** \_\_\_\_\_**CA:** \_\_\_\_\_ **Date:** \_\_\_\_\_**Stormwater:****Comment:** \_\_\_\_\_**Staking:****On Site Inspection (305):**Surface Owner Contact Information:

Name: \_\_\_\_\_ Address: \_\_\_\_\_

Phone Number: \_\_\_\_\_ Cell Phone: \_\_\_\_\_

Operator Rep. Contact Information:

Landman Name: \_\_\_\_\_ Phone Number: \_\_\_\_\_

Date Onsite Request Received: \_\_\_\_\_ Date of Rule 306 Consultation: \_\_\_\_\_

Request LGD Attendance: \_\_\_\_\_

LGD Contact Information:

Name: \_\_\_\_\_ Phone Number: \_\_\_\_\_ Agreed to Attend: \_\_\_\_\_

Summary of Landowner Issues:Summary of Operator Response to Landowner Issues:Onsite Inspection Memorandum Summarizing Discussions at Inspection as Attachment:**Facility**

Facility ID: 240713 Type: WELL API Number: 123-08501 Status: PR Insp. Status: PR

**Producing Well**

Comment: PR

**Environmental****Spills/Releases:**

Type of Spill: \_\_\_\_\_ Description: \_\_\_\_\_ Estimated Spill Volume: \_\_\_\_\_

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

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

Reportable: \_\_\_\_\_ GPS: Lat \_\_\_\_\_ Long \_\_\_\_\_

Proximity to Surface Water: \_\_\_\_\_

Depth to Ground Water: \_\_\_\_\_

**Water Well:**

DWR Receipt Num: \_\_\_\_\_

Owner Name: \_\_\_\_\_

GPS : \_\_\_\_\_

Lat \_\_\_\_\_

Long \_\_\_\_\_

**Field Parameters:**

Sample Location: \_\_\_\_\_

Emission Control Burner (ECB): \_\_\_\_\_

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

Pilot: \_\_\_\_\_

Wildlife Protection Devices (fired vessels): \_\_\_\_\_

**Reclamation - Storm Water - Pit****Interim Reclamation:**

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

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

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

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

1003a. Debris removed? Pass CM \_\_\_\_\_  
 CA \_\_\_\_\_ CA Date \_\_\_\_\_  
 Waste Material Onsite? Pass CM \_\_\_\_\_  
 CA \_\_\_\_\_ CA Date \_\_\_\_\_  
 Unused or unneeded equipment onsite? Pass CM \_\_\_\_\_  
 CA \_\_\_\_\_ CA Date \_\_\_\_\_  
 Pit, cellars, rat holes and other bores closed? Pass CM \_\_\_\_\_  
 CA \_\_\_\_\_ CA Date \_\_\_\_\_  
 Guy line anchors removed? Pass CM \_\_\_\_\_  
 CA \_\_\_\_\_ CA Date \_\_\_\_\_  
 Guy line anchors marked? \_\_\_\_\_ CM \_\_\_\_\_  
 CA \_\_\_\_\_ CA Date \_\_\_\_\_

1003b. Area no longer in use? Pass Production areas stabilized ? Pass

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? PassProduction areas have been stabilized? Pass

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 \_\_\_\_\_

1003 f. Weeds Noxious weeds? \_\_\_\_\_

Comment: Overall Interim Reclamation  Pass**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 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
Compaction	Pass	Compaction	Pass			
Other	Pass	Other	Pass			Vegetation
Gravel	Pass	Gravel	Pass			

S/U/V: Satisfactory  Corrective Date: Comment: CA: Pits: ☒ NO SURFACE INDICATION OF PIT**COGCC Comments**

Comment	User	Date
Lube Oil Spill – An expanse of oil stained soil (shown in attached photos labeled “PDC - Our Diane 32-27 (123-08501) – 1” & “PDC - Our Diane 32-27 (123-08501) – 2”) caused by blow-by through the exhaust of the pump jack motor of approximately 3.5' x 3.5', and a saturation depth to a minimum of 6", equates to an area of contamination of at least 6.125 cu. ft. which allows for a spill of at least 1.09 bbls (US, oil)*.	johnsonr	03/26/2014
*1 cu. ft. = 0.178107607 bbls (US, oil)		

Lube Oil Spill - In addition, lube oil spills from the pump jack motor (see attached photo "PDC - Our Diane 32-27 (123-08501) - 3") cover an area 6' x 9' and have leached into the soil to a penetration depth of at least 6". This additional area of contamination encompasses an extent of 27 cu. ft. which provides for a volume of 4.81 bbls (US, oil)*.  *1 cu. ft. = 0.178107607 bbls (US, oil)	johnsonr	03/26/2014
Both of the documented lube oil spills constitute reportable spills/releases under the authority of COGCC Rule 906. The operator is expected to report the noted spills within 72 hours on Form 19's as required by COGCC Rule 906 and to contact COGCC Environmental Group for direction as to site investigation and remediation measures.	johnsonr	03/26/2014

**Attached Documents**

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

Document Num	Description	URL
668301009	PDC - Our Diane 32-27 (123-08501) - 1	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3308367">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3308367</a>
668301010	PDC - Our Diane 32-27 (123-08501) - 2	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3308368">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3308368</a>
668301011	PDC - Our Diane 32-27 (123-08501) - 3	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3308369">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3308369</a>
668301012	PDC - Our Diane 32-27 (123-08501) - 4	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3308370">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3308370</a>