

**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



DE	ET	OE	ES
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Inspection Date:  
04/29/2015

Document Number:  
673900945

Overall Inspection:  
SATISFACTORY

**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	<u>414241</u>	<u>414238</u>	<u>Rains, Bill</u>	<input type="checkbox"/>	

**Operator Information:**

OGCC Operator Number: 69175

Name of Operator: PDC ENERGY INC

Address: 1775 SHERMAN STREET - STE 3000

City: 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
General, All inspections	(970) 332-3520	cogccinspection@pdce.com	All PDC inspection

**Compliance Summary:**

QtrQtr: NESE Sec: 12 Twp: 5N Range: 63W

**Inspector Comment:**

**Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
414241	WELL	PR	10/01/2010	OW	123-30706	WELLS RANCH 12D	PR	<input checked="" type="checkbox"/>

**Equipment:**

Location Inventory

Special Purpose Pits: <u>2</u>	Drilling Pits: <u>1</u>	Wells: <u>1</u>	Production Pits: <u>    </u>
Condensate Tanks: <u>2</u>	Water Tanks: <u>2</u>	Separators: <u>1</u>	Electric Motors: <u>    </u>
Gas or Diesel Mortors: <u>    </u>	Cavity Pumps: <u>    </u>	LACT Unit: <u>1</u>	Pump Jacks: <u>    </u>
Electric Generators: <u>    </u>	Gas Pipeline: <u>1</u>	Oil Pipeline: <u>    </u>	Water Pipeline: <u>    </u>
Gas Compressors: <u>    </u>	VOC Combustor: <u>    </u>	Oil Tanks: <u>    </u>	Dehydrator Units: <u>1</u>
Multi-Well Pits: <u>    </u>	Pigging Station: <u>    </u>	Flare: <u>1</u>	Fuel Tanks: <u>1</u>

**Location**

**Signs/Marker:**

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
WELLHEAD	SATISFACTORY			
TANK LABELS/PLACARDS	SATISFACTORY			
BATTERY	SATISFACTORY			

Emergency Contact Number (S/A/V): SATISFACTORY

Corrective Date:     

Comment:

Inspector Name: Rains, Bill

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

**Spills:**

Type	Area	Volume	Corrective action	CA Date
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Multiple Spills and Releases?

**Fencing/:**

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
IGNITOR/COMBUSTOR	SATISFACTORY	PIPE		
SEPARATOR	SATISFACTORY	PIPE		
TANK BATTERY	SATISFACTORY	PIPE		
WELLHEAD	SATISFACTORY	PIPE		

**Equipment:**

Type	#	Satisfactory/Action Required	Comment	Corrective Action	CA Date
Bird Protectors	2	SATISFACTORY			
Plunger Lift	1	SATISFACTORY			
Compressor	1	SATISFACTORY			
Horizontal Heated Separator	1	SATISFACTORY			
Gas Meter Run	1	SATISFACTORY			
Emission Control Device	1	SATISFACTORY			

**Facilities:**

New Tank Tank ID: \_\_\_\_\_

Contents	#	Capacity	Type	SE GPS
			CENTRALIZED BATTERY	,

S/A/V: \_\_\_\_\_ Comment: \_\_\_\_\_

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

Paint

Condition \_\_\_\_\_

Other (Content) \_\_\_\_\_

Other (Capacity) \_\_\_\_\_

Other (Type) \_\_\_\_\_

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance

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

Comment \_\_\_\_\_

**Facilities:**

New Tank Tank ID: \_\_\_\_\_

Contents	#	Capacity	Type	SE GPS
PRODUCED WATER	1	100 BBLS	PBV FIBERGLASS	,

S/A/V: SATISFACTORY Comment: \_\_\_\_\_

Corrective Action:	Corrective Date:
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Paint

Condition	Adequate
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Other (Content) \_\_\_\_\_

Other (Capacity) \_\_\_\_\_

Other (Type) \_\_\_\_\_

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance

Corrective Action	Corrective Date
Comment	

**Facilities:**       New Tank      Tank ID: \_\_\_\_\_

Contents	#	Capacity	Type	SE GPS
CRUDE OIL	2	400 BBLS	STEEL AST	40.410430,-104.380320

S/A/V:	SATISFACTORY	Comment:	
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Corrective Action:	Corrective Date:
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Paint

Condition	Adequate
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Other (Content) \_\_\_\_\_

Other (Capacity) \_\_\_\_\_

Other (Type) \_\_\_\_\_

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Earth	Adequate	Walls Sufficient	Base Sufficient	Adequate

Corrective Action	Corrective Date
Comment	

**Venting:**

Yes/No	Comment
NO	

**Flaring:**

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date

**Predrill**

Location ID: 414241

**Site Preparation:**

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

**S/A/V:** \_\_\_\_\_

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

**Form 2A COAs:**

<b><u>S/A/V:</u></b> _____	<b><u>Comment:</u></b> _____
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<b><u>CA:</u></b> _____	<b><u>Date:</u></b> _____
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**Wildlife BMPs:**

BMP Type	Comment
PROPOSED BMPs	<p>COGCC Form 2A Information Requirements</p> <p>Wells Ranch Wells, Best Management Practices</p> <ul style="list-style-type: none"> <li>• PDC shall endeavor to keep the well pad(s), the production facilities, and the pipeline and road easements free of weeds and debris, and to control erosion thereon.</li> <li>• At owner's request, PDC will fence its road easement with a single -strand fence to limit traffic to the easement.</li> <li>• Site preparation for the drilling or production tank battery area will be done with standard excavation equipment using native materials. If additional surface material (gravel) is needed it will be obtained from a commercial source or an approved borrow area.</li> <li>• All permanent structures (on -site for more than 6 months) constructed or installed will be required to be painted to blend with the surroundings or as directed by the private land owner. Facilities required to comply with OSHA will be excluded.</li> <li>• A dike will be constructed around the tank battery, of sufficient capacity to contain at least 110 percent of the storage capacity of the largest tank within the dike. Also, per Exhibit A of the Surface Damage Agreement, the tank battery site will be fenced.</li> <li>• Rehabilitation of unneeded, previously disturbed areas will consist of backfilling and contouring the reserve pit area, back sloping and contouring all cut and fill slopes. These areas will be re- seeded.</li> <li>• The site will require periodic maintenance to ensure that drainages are kept open and free of debris, ice, and snow, and that surfaces are properly treated to reduce erosion, fugitive dust, and impacts to adjacent areas.</li> <li>• No trash or debris will be disposed of in the reserve pit.</li> <li>• Sewage will not be buried on location or put in the borehole. Sewage disposal facilities will be provided in accordance with State and local regulations at a site on the pad outside of drilling and/or production activity areas. Specifically, portable chemical toilets will be supplied and properly secured to the site to prevent possible upset. These portable chemical toilets will be regularly inspected and cleaned/replaced until they are removed from the site.</li> </ul>

- The location will be kept clean and clear of all garbage, papers, unused/unneeded pipe and equipment. Garbage and other waste will be contained in either a portable trash cage, which will be totally enclosed with small mesh wire, or dumpsters. The garbage receptacle(s) will be located on the pad at a site outside of drilling and/or production activity areas. The contents of the receptacle(s) will be regularly transported to a Colorado Department of Public Health and Environment (CDPHE) approved Sanitary Landfill until completion of operations. All trash will be picked up if scattered and placed in a trash container as soon as practical.
- Upon release of the drilling rig, the rathole and mousehole will be filled. Excess equipment will be removed and the well site area will be cleaned and all refuse removed.
- At the end of the life of the well final reclamation activities would be conducted: All production areas would be recontoured and reclaimed, all interim reclaimed areas would be inspected and reclaimed again as appropriate.
- All reclamation activities would be completed in accordance with the rules and regulations of the Colorado Oil & Gas Conservation Commission (COGCC), unless a variance is granted by the COGCC on the request of Wells Ranch.
- If any cultural resources are discovered during excavation activities, construction activities would cease immediately and the BLM would be notified so as to determine the significance of the discovery and appropriate mitigation measures are developed.
- Petroleum Development Corporation will inform all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts.
- All hazardous substances and EHSs and commercial preparations will be handled in an appropriate manner to minimize the potential for leaks or spills to the environment.

**S/AV:** \_\_\_\_\_ **Comment:** \_\_\_\_\_

**CA:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Stormwater:**

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

**Staking:** \_\_\_\_\_

Inspector Name: Rains, Bill

**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: 414241 Type: WELL API Number: 123-30706 Status: PR Insp. Status: PR

**Producing Well**

Comment: **PR**

**BradenHead**

Comment: **BRADENHEAD EXPOSED TO SURFACE**

CA: \_\_\_\_\_

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

**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): Y

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: RANGELAND

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? Pass Subsidence over on drill pit? Pass

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 \_\_\_\_\_

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

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

Overall Interim Reclamation \_\_\_\_\_

**Final Reclamation/ Abandoned Location:**

Date Final Reclamation Started: \_\_\_\_\_ Date Final Reclamation Completed: \_\_\_\_\_

Final Land Use: RANGELAND

Reminder: \_\_\_\_\_

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

Well plugged \_\_\_\_\_ Pit mouse/rat holes, cellars backfilled \_\_\_\_\_

Debris removed \_\_\_\_\_ No disturbance /Location never built \_\_\_\_\_

Access Roads Regraded \_\_\_\_\_ Contoured \_\_\_\_\_ Culverts removed \_\_\_\_\_

Inspector Name: Rains, Bill

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
Gravel	Pass	Gravel	Pass			

S/A/V: SATISFACTOR Corrective Date: \_\_\_\_\_  
Y \_\_\_\_\_

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

CA: \_\_\_\_\_

**Pits:**  NO SURFACE INDICATION OF PIT