

**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 |
|----|----|----|----|

Inspection Date:  
10/07/2013

Document Number:  
667400214

Overall Inspection:  
Satisfactory

**FIELD INSPECTION FORM**

|                     |             |        |                 |                    |                          |
|---------------------|-------------|--------|-----------------|--------------------|--------------------------|
| Location Identifier | Facility ID | Loc ID | Inspector Name: | On-Site Inspection | <input type="checkbox"/> |
|                     | 244253      | 322783 | ALLISON, RICK   | 2A Doc Num:        |                          |

**Operator Information:**

|                       |  |
|-----------------------|--|
| OGCC Operator Number: |  |
| Name of Operator:     | <u>PDC ENERGY INC</u>                            |
| Address:              | <u>1775 SHERMAN STREET - STE 3000</u>            |
| City:                 | <u>DENVER</u> State: <u>CO</u> Zip: <u>80203</u> |

- 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 |
|-------------------|-------|---------------------------|---------|
| Ferguson, Randall |       | randall.ferguson@petd.com |         |
| Brandon Bruns     |       | brandon.bruns@pdce.com    |         |
| AXELSON, JOHN     |       | john.axelson@state.co.us  |         |

**Compliance Summary:**

|         |             |      |           |      |           |        |            |
|---------|-------------|------|-----------|------|-----------|--------|------------|
| QtrQtr: | <u>NWSW</u> | Sec: | <u>21</u> | Twp: | <u>5N</u> | Range: | <u>65W</u> |
|---------|-------------|------|-----------|------|-----------|--------|------------|

| Insp. Date | Doc Num   | Insp. Type | Insp Status | Satisfactory /Unsatisfactory | PA P/F/I | Pas/Fail (P/F) | Violation (Y/N) |
|------------|-----------|------------|-------------|------------------------------|----------|----------------|-----------------|
| 04/22/2004 | 200053232 | PR         | PR          | S                            |          | P              | N               |
| 11/27/2000 | 200012203 | PR         | PR          | S                            |          | P              | N               |

**Inspector Comment:**

Produced water vault appears displaced. Secondary containment berms washed into gravel bars downgradient of location. Produced water vault appears to contain fluids. No broken lines or connections observed. No evidence of released fluids was observed. Wellhead appears intact and is shut-in. Operator shall comply with NTO - Return to Service of Oil and Gas Facilities or Wells within the Flood Impact Zone - 10/04/2013.

**Related Facilities:**

| Facility ID | Type | Status | Status Date | Well Class | API Num   | Facility Name | Insp Status                            |
|-------------|------|--------|-------------|------------|-----------|---------------|--|
| 244253      | WELL | PR     | 04/09/1985  | OW         | 123-12047 | BRAGG 1       | FR <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 Mortors: _____ | 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**

| Lease Road: |                             |   |                   |      |
|-------------|-----------------------------|---|-------------------|------|
| Type        | Satisfactory/Unsatisfactory | comment   | Corrective Action | Date |
| Access      | Satisfactory                | Recently graded, battery accessible by truck, wellhead by 4WD |                   |      |

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

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

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

| Spills:  |      |        |                   |         |
|--|------|--------|-------------------|---------|
| Type   | Area | Volume | Corrective action | CA Date |
| <input type="checkbox"/> Multiple Spills and Releases? |      |        |                   |         |

| Equipment:                  |   |                             |  |   |            |
|-----------------------------|---|-----------------------------|--|---|------------|
| Type                        | # | Satisfactory/Unsatisfactory | Comment  | Corrective Action   | CA Date    |
| Gas Meter Run               | 1 | Satisfactory                | foundation has been undermined, but equipment appears in place | Comply with NTO - Return to Service of Oil and Gas Facilities or Wells within the Flood Impact Zone - 10/04/2013. | 11/07/2013 |
| Emission Control Device     | 1 | Satisfactory                | foundation has been undermined, but equipment appears in place | Comply with NTO - Return to Service of Oil and Gas Facilities or Wells within the Flood Impact Zone - 10/04/2013. | 11/07/2013 |
| Horizontal Heated Separator | 1 | Satisfactory                | foundation has been undermined, but equipment appears in place | Comply with NTO - Return to Service of Oil and Gas Facilities or Wells within the Flood Impact Zone - 10/04/2013. | 11/07/2013 |

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

| Contents  | # | Capacity | Type      | SE GPS                |
|-----------|---|----------|-----------|-----------------------|
| CRUDE OIL | 1 | 300 BBLS | STEEL AST | 40.384026,-104.673316 |

S/U/V: **Unsatisfactory** Comment: **Tank foundation has been undermined.**

Corrective Action: **Comply with NTO - Return to Service of Oil and Gas Facilities or Wells within the Flood Impact Zone - 10/04/2013.** Corrective Date: **11/07/2013**

**Paint**

Condition: \_\_\_\_\_

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

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

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

**Berms**

| Type  | Capacity | Permeability (Wall) | Permeability (Base) | Maintenance |
|-------|----------|---------------------|---------------------|-------------|
| Earth |          |                     |                     |             |

Corrective Action: **Comply with NTO - Return to Service of Oil and Gas Facilities or Wells within the Flood Impact Zone - 10/04/2013.** Corrective Date: **11/07/2013**

Comment: **Containment Berms have been washed out.**

|                    |   |                                   |   |                  |  |
|--------------------|---|-----------------------------------|---|------------------|--|
| <b>Facilities:</b> |   | <input type="checkbox"/> New Tank | Tank ID: _____  |                  |  |
| Contents           | #   | Capacity                          | Type  | SE GPS           |  |
| PRODUCED WATER     | 1   | 100 BBLS                          | PBV FIBERGLASS  |                  |  |
| S/U/V:             | Unsatisfactory  |                                   | Comment: Produced water vault appears to have been displaced. |                  |  |
| Corrective Action: | Comply with NTO - Return to Service of Oil and Gas Facilities or Wells within the Flood Impact Zone - 10/04/2013. |                                   |   | Corrective Date: |  |
| <b>Paint</b>       |   |                                   |   |                  |  |
| Condition          |   |                                   |   |                  |  |
| Other (Content)    | _____   |                                   |   |                  |  |
| Other (Capacity)   | _____   |                                   |   |                  |  |
| Other (Type)       | _____   |                                   |   |                  |  |
| <b>Berms</b>       |   |                                   |   |                  |  |
| Type               | Capacity  | Permeability (Wall)               | Permeability (Base)   | Maintenance      |  |
|                    |   |                                   |   |                  |  |
| Corrective Action  |   |                                   |   | Corrective Date  |  |
| Comment            |   |                                   |   |                  |  |
| <b>Venting:</b>    |   |                                   |   |                  |  |
| Yes/No             | Comment   |                                   |   |                  |  |
|                    |   |                                   |   |                  |  |
| <b>Flaring:</b>    |   |                                   |   |                  |  |
| Type               | Satisfactory/Unsatisfactory   | Comment                           | Corrective Action   | CA Date          |  |
|                    |   |                                   |   |                  |  |

**Predrill**

Location ID: 244253

**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: 244253 Type: WELL API Number: 123-12047 Status: PR Insp. Status: FR

**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:**

|                        |                   |             |
|------------------------|-------------------|-------------|
|                        | Lat               | Long        |
| DWR Receipt Num: _____ | Owner Name: _____ | GPS : _____ |

**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? \_\_\_\_\_ CM \_\_\_\_\_

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

Waste Material Onsite? \_\_\_\_\_ CM \_\_\_\_\_

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

Unused or unneeded equipment onsite? \_\_\_\_\_ CM \_\_\_\_\_

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

Pit, cellars, rat holes and other bores closed? \_\_\_\_\_ CM \_\_\_\_\_

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

Guy line anchors removed? \_\_\_\_\_ CM \_\_\_\_\_

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

Guy line anchors marked? \_\_\_\_\_ CM \_\_\_\_\_

CA \_\_\_\_\_ CA 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 \_\_\_\_\_

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

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

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 \_\_\_\_\_

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 |
|------------------|-----------------|-------------------------|-----------------------|---------------|--------------------------|---------|
|                  |                 |                         |                       |               |                          |         |

S/U/V: \_\_\_\_\_ Corrective Date: \_\_\_\_\_

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

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

**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   |
|--------------|----------------------|---|
| 667400215    | Inspection photo     | <a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3203598">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3203598</a> |
| 667400216    | Produced water vault | <a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3203599">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3203599</a> |