

**FORM  
INSP**

Rev  
X/20

**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:

07/18/2023

Submitted Date:

07/18/2023

Document Number:

697007744

**FIELD INSPECTION FORM**

Loc ID 454405 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: 1099 18TH STREET SUITE 1500  
City: DENVER State: CO Zip: 80202

**Findings:**

- 24 Number of Comments
- 2 Number of Corrective Actions
- Corrective Action Response Requested

**ANY CORRECTIVE ACTION(S) FROM PREVIOUS INSPECTIONS THAT HAVE NOT BEEN ADDRESSED ARE STILL APPLICABLE**

**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 |
|-------------|------|--------|-------------|------------|-----------|------------------------|-------------|
| 454395      | WELL | PR     | 04/06/2020  | OW         | 123-46528 | Bluff Federal 4N-2B-L  | PR          |
| 454396      | WELL | PR     | 09/01/2020  | OW         | 123-46529 | Bluff Federal 5C-2-L   | PR          |
| 454397      | WELL | PR     | 03/21/2020  | OW         | 123-46530 | Bluff Federal 5N-2B-L  | PR          |
| 454398      | WELL | PR     | 04/20/2020  | OW         | 123-46531 | Bluff State 30N-2B-L   | PR          |
| 454399      | WELL | PR     | 04/21/2020  | OW         | 123-46532 | Bluff Federal 4N-2A-L  | PR          |
| 454400      | WELL | PR     | 09/01/2020  | OW         | 123-46533 | Bluff Federal 32C-2-L  | PR          |
| 454401      | WELL | PR     | 04/17/2020  | OW         | 123-46534 | Bluff Federal 4N-2C-L  | PR          |
| 454402      | WELL | PR     | 04/06/2020  | OW         | 123-46535 | Bluff Federal 31C-2-L  | PR          |
| 454403      | WELL | PR     | 03/21/2020  | OW         | 123-46536 | Bluff Federal 32N-2C-L | PR          |
| 454404      | WELL | PR     | 03/30/2020  | OW         | 123-46537 | Bluff Federal 5N-2C-L  | PR          |
| 454406      | WELL | PR     | 04/02/2020  | OW         | 123-46538 | Bluff Federal 31N-2B-L | PR          |
| 454407      | WELL | PR     | 04/20/2020  | OW         | 123-46539 | Bluff State 30C-2-L    | 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 12                          |       |  |
| Corrective Action:   |                               | Date: |  |
| Type                 | CONTAINERS                    |       |  |
| Comment:             | Methanol and chemical systems |       |  |
| 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               | LOCATION   |       |  |
| Comment:           | Chain link |       |  |
| Corrective Action: |            | Date: |  |
| Type               | WELLHEAD   |       |  |
| Comment:           | Chain link |       |  |
| Corrective Action: |            | Date: |  |

| <b>Equipment:</b>                 |      |       | corrective date |
|-----------------------------------|------|-------|-----------------|
| Type: Bird Protectors             | # 20 |       |                 |
| Comment:                          |      |       |                 |
| Corrective Action:                |      | Date: |                 |
| Type: Compressor                  | # 1  |       |                 |
| Comment:                          |      |       |                 |
| Corrective Action:                |      | Date: |                 |
| Type: Horizontal Heated Separator | # 20 |       |                 |

|                                   |                                                                                                                                   |  |                         |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|--|-------------------------|
| Comment:                          |                                                                                                                                   |  |                         |
| Corrective Action:                |                                                                                                                                   |  | Date:                   |
| Type: Bradenhead                  | # 12                                                                                                                              |  |                         |
| Comment:                          |                                                                                                                                   |  |                         |
| Corrective Action:                |                                                                                                                                   |  | Date:                   |
| Type: Prime Mover                 | # 7                                                                                                                               |  |                         |
| Comment:                          | Electric motors on LACT units, ECD scrubber and VRU                                                                               |  |                         |
| Corrective Action:                |                                                                                                                                   |  | Date:                   |
| Type: Plunger Lift                | # 12                                                                                                                              |  |                         |
| Comment:                          |                                                                                                                                   |  |                         |
| Corrective Action:                |                                                                                                                                   |  | Date:                   |
| Type: Pig Station                 | # 1                                                                                                                               |  |                         |
| Comment:                          |                                                                                                                                   |  |                         |
| Corrective Action:                |                                                                                                                                   |  | Date:                   |
| Type: Ancillary equipment         | #                                                                                                                                 |  |                         |
| Comment:                          | Bulk lube oil storage requires wildlife protections, see attached photos.                                                         |  |                         |
| Corrective Action:                | Install or repair wildlife protection equipment.                                                                                  |  | Date: <u>08/31/2023</u> |
| Type: Flow Line                   | # 12                                                                                                                              |  |                         |
| Comment:                          |                                                                                                                                   |  |                         |
| Corrective Action:                |                                                                                                                                   |  | Date:                   |
| Type: Horizontal Heated Separator | # 4                                                                                                                               |  |                         |
| Comment:                          |                                                                                                                                   |  |                         |
| Corrective Action:                |                                                                                                                                   |  | Date:                   |
| Type: Bird Protectors             | # 11                                                                                                                              |  |                         |
| Comment:                          |                                                                                                                                   |  |                         |
| Corrective Action:                |                                                                                                                                   |  | Date:                   |
| Type: Horizontal Heater Treater   | # 2                                                                                                                               |  |                         |
| Comment:                          |                                                                                                                                   |  |                         |
| Corrective Action:                |                                                                                                                                   |  | Date:                   |
| Type: VRU                         | # 1                                                                                                                               |  |                         |
| Comment:                          |                                                                                                                                   |  |                         |
| Corrective Action:                |                                                                                                                                   |  | Date:                   |
| Type: Ancillary equipment         | #                                                                                                                                 |  |                         |
| Comment:                          | Automation array, solar array, ECD scrubbers, methanol and chemical systems in secondary containment, gensets, electrical systems |  |                         |
| Corrective Action:                |                                                                                                                                   |  | Date:                   |
| Type: Gas Meter Run               | # 2                                                                                                                               |  |                         |
| Comment:                          | Calibration cards are current.                                                                                                    |  |                         |
| Corrective Action:                |                                                                                                                                   |  | Date:                   |
| Type: LACT                        | # 2                                                                                                                               |  |                         |

|                               |               |       |  |
|-------------------------------|---------------|-------|--|
| Comment:                      |               | Date: |  |
| Corrective Action:            |               | Date: |  |
| Type: Emission Control Device | # 5           |       |  |
| Comment:                      | Pilots are on |       |  |
| Corrective Action:            |               | Date: |  |
| Type: Vertical Separator      | # 7           |       |  |
| Comment:                      |               |       |  |
| Corrective Action:            |               | Date: |  |

**Tanks and Berms:**

| Contents           | # | Capacity | Type      | Tank ID | SE GPS |
|--------------------|---|----------|-----------|---------|--------|
| PRODUCED WATER     | 2 | 400 BBLS | STEEL AST |         | ,      |
| Comment:           |   |          |           |         |        |
| 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 |
|--------------------|--------------------------|-----------|-------------|---------|--------|
| OTHER              | 2                        | <100 BBLS | BV CONCRETE |         | ,      |
| Comment:           | Produced fluid, 65 bbls. |           |             |         |        |
| Corrective Action: |                          |           |             |         | Date:  |

Paint

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

Berms

| Type               | Capacity                                                                           | Permeability (Wall) | Permeability (Base) | Maintenance      |
|--------------------|------------------------------------------------------------------------------------|---------------------|---------------------|------------------|
| Earth              | Inadequate                                                                         | Walls Sufficient    | Base Sufficient     | Inadequate       |
| Comment:           | Inadequate berms around tanks, see attached photos.                                |                     |                     |                  |
| Corrective Action: | Repair or install berms or other secondary containment devices per Rule 912.d.(1). |                     |                     | Date: 08/31/2023 |

| Contents  | # | Capacity | Type      | Tank ID | SE GPS |
|-----------|---|----------|-----------|---------|--------|
| CRUDE OIL | 6 | 400 BBLS | STEEL AST |         | ,      |

|                    |  |       |
|--------------------|--|-------|
| Comment:           |  |       |
| 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: 454395 Type: WELL API Number: 123-46528 Status: PR Insp. Status: PR

**Producing Well**

Comment: PR

Corrective Action:

Date:

**BradenHead**

Date of Last Brhd Test: 03/10/2023 Annual Brhd Completed? Yes

Last Brhd Test Results Initial Surf Csg Pressure: 0 Fluid Type: \_\_\_\_\_

End Surf Csg Pressure: 0

Comment:

Corrective Action:

Date:

Facility ID: 454396 Type: WELL API Number: 123-46529 Status: PR Insp. Status: PR

**Producing Well**

Comment: PR

Corrective Action:

Date:

**BradenHead**

Date of Last Brhd Test: 03/10/2023 Annual Brhd Completed? Yes

Last Brhd Test Results Initial Surf Csg Pressure: 2 Fluid Type: \_\_\_\_\_

End Surf Csg Pressure: 0

Comment:

Corrective Action:

Date:

Facility ID: 454397 Type: WELL API Number: 123-46530 Status: PR Insp. Status: PR

**Producing Well**

Comment: PR

Corrective Action:

Date:

**BradenHead**

Date of Last Brhd Test: 03/10/2023 Annual Brhd Completed? Yes

Last Brhd Test Results Initial Surf Csg Pressure: 1 Fluid Type: \_\_\_\_\_

End Surf Csg Pressure: 0

Comment:

Corrective Action:

Date:

Facility ID: 454398 Type: WELL API Number: 123-46531 Status: PR Insp. Status: PR

**Producing Well**

Comment: PR

Corrective Action:

Date:

**BradenHead**

Date of Last Brhd Test: 03/10/2023 Annual Brhd Completed? Yes

Last Brhd Test Results Initial Surf Csg Pressure: 0 Fluid Type: \_\_\_\_\_

End Surf Csg Pressure: 0

Comment:

Corrective Action:

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

Facility ID: 454399 Type: WELL API Number: 123-46532 Status: PR Insp. Status: PR

**Producing Well**

Comment: PR

Corrective Action:

Date:

**BradenHead**

Date of Last Brhd Test: 03/10/2023 Annual Brhd Completed? Yes

Last Brhd Test Results Initial Surf Csg Pressure: 0 Fluid Type: \_\_\_\_\_

End Surf Csg Pressure: 0

Comment:

Corrective Action:

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

Facility ID: 454400 Type: WELL API Number: 123-46533 Status: PR Insp. Status: PR

**Producing Well**

Comment: PR

Corrective Action:

Date:

**BradenHead**

Date of Last Brhd Test: 03/10/2023 Annual Brhd Completed? Yes

Last Brhd Test Results Initial Surf Csg Pressure: 0 Fluid Type: \_\_\_\_\_

End Surf Csg Pressure: 0

Comment:

Corrective Action:

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

Facility ID: 454401 Type: WELL API Number: 123-46534 Status: PR Insp. Status: PR

**Producing Well**

Comment: PR

Corrective Action:

Date:

**BradenHead**

Date of Last Brhd Test: 03/10/2023 Annual Brhd Completed? Yes

Last Brhd Test Results Initial Surf Csg Pressure: 0 Fluid Type: \_\_\_\_\_

End Surf Csg Pressure: 0

Comment:

Corrective Action:

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

Facility ID: 454402 Type: WELL API Number: 123-46535 Status: PR Insp. Status: PR

**Producing Well**

|                    |       |
|--------------------|-------|
| Comment: PR        |       |
| Corrective Action: | Date: |

**BradenHead**

Date of Last Brhd Test: 03/10/2023 Annual Brhd Completed? Yes

Last Brhd Test Results Initial Surf Csg Pressure: 1 Fluid Type:

End Surf Csg Pressure: 0

Comment:

Corrective Action: Date:

Facility ID: 454403 Type: WELL API Number: 123-46536 Status: PR Insp. Status: PR

**Producing Well**

|                    |       |
|--------------------|-------|
| Comment: PR        |       |
| Corrective Action: | Date: |

**BradenHead**

Date of Last Brhd Test: 03/10/2023 Annual Brhd Completed? Yes

Last Brhd Test Results Initial Surf Csg Pressure: 13 Fluid Type: WATER H2O

End Surf Csg Pressure: 0

Comment:

Corrective Action: Date:

Facility ID: 454404 Type: WELL API Number: 123-46537 Status: PR Insp. Status: PR

**Producing Well**

|                    |       |
|--------------------|-------|
| Comment: PR        |       |
| Corrective Action: | Date: |

**BradenHead**

Date of Last Brhd Test: 03/10/2023 Annual Brhd Completed? Yes

Last Brhd Test Results Initial Surf Csg Pressure: 0 Fluid Type:

End Surf Csg Pressure: 0

Comment:

Corrective Action: Date:

Facility ID: 454406 Type: WELL API Number: 123-46538 Status: PR Insp. Status: PR

**Producing Well**

|                    |       |
|--------------------|-------|
| Comment: PR        |       |
| Corrective Action: | Date: |

**BradenHead**

Date of Last Brhd Test: 03/10/2023 Annual Brhd Completed? Yes

Last Brhd Test Results Initial Surf Csg Pressure: 0 Fluid Type: \_\_\_\_\_

End Surf Csg Pressure: 0

Comment:

Corrective Action:

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

Facility ID: 454407 Type: WELL API Number: 123-46539 Status: PR Insp. Status: PR

**Producing Well**

Comment: PR

Corrective Action:

Date:

**BradenHead**

Date of Last Brhd Test: 03/10/2023 Annual Brhd Completed? Yes

Last Brhd Test Results Initial Surf Csg Pressure: 0 Fluid Type: \_\_\_\_\_

End Surf Csg Pressure: 0

Comment:

Corrective Action:

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

**Reclamation - Storm Water - Pit**

**Storm Water:**

| Loc Erosion BMPs | BMP Maintenance | Lease Road Erosion BMPs | Lease BMP Maintenance | Chemical BMPs   | Chemical BMP Maintenance | Comment |
|------------------|-----------------|-------------------------|-----------------------|-----------------|--------------------------|---------|
| Sediment Traps   | Pass            |                         |                       |                 |                          |         |
| Rip Rap          | Pass            |                         |                       |                 |                          |         |
| Berms            | Pass            |                         |                       |                 |                          |         |
| Gravel           | Pass            | Gravel                  | Pass                  | Self Inspection | Pass                     |         |

Comment:

Corrective Action:

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

**Pits:**     NO SURFACE INDICATION OF PIT

**COGCC Comments**

| Comment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | User      | Date       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|
| <p><a href="#">COGCC Inspection Report Summary</a><br/>                     On Tuesday 7/18/2023 at approximately 11:35 hours, I, Inspector Tom Peterson, conducted an on-site inspection at the PDC Energy Bluff Federal State 40-1 Pad location #454405 in Weld County, Colorado.<br/>                     While there, I observed that the bulk lube oil and chemical tanks lacked wildlife protection and the two 65 bbls produced fluid tanks lacked adequate berms. The following possible compliance issues were observed: Rule 902.b. with a corrective action date of 8/31/2023, and Rule 912.d.(1). with a corrective action date of 8/31/2023.<br/>                     A follow up on this site inspection needs to be conducted to ensure the compliance issues have been corrected to comply with COGCC rules.<br/>                     This is a summary of the inspection report.</p> | petersont | 07/18/2023 |

**Attached Documents**

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

| Document Num | Description | URL                                                                                                                                                                 |
|--------------|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 697007745    | Photos      | <a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=6185687">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=6185687</a> |