

**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:

02/14/2019

Submitted Date:

02/17/2019

Document Number:

688303818**FIELD INSPECTION FORM**Loc ID 317477 Inspector Name: Sherman, Susan On-Site Inspection ☐ 2A Doc Num: \_\_\_\_\_**Operator Information:**OGCC Operator Number: 68710Name of Operator: PETERSON ENERGY OPERATING INCAddress: 2154 W EISENHOWER BLVDCity: LOVELAND State: CO Zip: 80537**Status Summary:**

- ☐ THIS IS A FOLLOW UP INSPECTION
- ☐ FOLLOW UP INSPECTION REQUIRED
- ☐ NO FOLLOW UP INSPECTION REQUIRED

**Findings:**17 Number of Comments1 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 |
|----------------|----------------|-----------------------------------|---------|
| Newton, Sarah  |                | sarah@petersonenergyoperating.com |         |
| Peterson, Andy | (970) 203-4263 | andy@petersonenergyoperating.com  |         |

**Inspected Facilities:**

| Facility ID | Type | Status | Status Date | Well Class | API Num   | Facility Name | Insp Status |
|-------------|------|--------|-------------|------------|-----------|---------------|-------------|
| 295348      | WELL | PR     | 08/01/2018  | OW         | 121-10985 | CHURCH 41B-25 | PR          |

**General Comment:**

Routine Inspection

### Location

Overall Good: ☒

|                      |                      |       |  |
|----------------------|----------------------|-------|--|
| <b>Signs/Marker:</b> |                      |       |  |
| Type                 | TANK LABELS/PLACARDS |       |  |
| Comment:             |                      |       |  |
| Corrective Action:   |                      | Date: |  |
| Type                 | CONTAINERS           |       |  |
| Comment:             |                      |       |  |
| Corrective Action:   |                      | Date: |  |
| Type                 | BATTERY              |       |  |
| Comment:             |                      |       |  |
| Corrective Action:   |                      | Date: |  |
| Type                 | WELLHEAD             |       |  |
| Comment:             |                      |       |  |
| Corrective Action:   |                      | Date: |  |

Emergency Contact Number:

Comment: 970-669-7411

Corrective Action:

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

**Good Housekeeping:**

|                    |   |       |            |
|--------------------|---|-------|------------|
| Type               | OTHER   |       |            |
| Comment:           | Two crude oil tank valves leak (see attached photos on first and third tanks from the south/pits).  |       |            |
| Corrective Action: | Securely fasten all valves, pipes, and fittings to ensure good mechanical condition, inspect at regular intervals and maintain in good mechanical condition per Rule 605.d. | Date: | 03/18/2019 |
| Type               | OTHER   |       |            |
| Comment:           | Chemical containers stained with oil and need to be maintained.   |       |            |
| Corrective Action: |   | Date: |            |

Overall Good: ☐

|                |      |        |  |
|----------------|------|--------|--|
| <b>Spills:</b> |      |        |  |
| Type           | Area | Volume |  |

In Containment: No

Comment:

☐ Multiple Spills and Releases?

|                          |                       |       |                 |
|--------------------------|-----------------------|-------|-----------------|
| <b>Equipment:</b>        |                       |       | corrective date |
| Type: FWKO               | # 1                   |       |                 |
| Comment:                 |                       |       |                 |
| Corrective Action:       |                       | Date: |                 |
| Type: Progressive Cavity | # 1                   |       |                 |
| Comment:                 | 2 chemical containers |       |                 |
| Corrective Action:       |                       | Date: |                 |

|                               |              |  |       |
|-------------------------------|--------------|--|-------|
| Type: Bird Protectors         | # 2          |  |       |
| Comment:                      |              |  |       |
| Corrective Action:            |              |  | Date: |
| Type: Vertical Heater Treater | # 1          |  |       |
| Comment:                      | bermed, shed |  |       |
| Corrective Action:            |              |  | Date: |
| Type: Gas Meter Run           | # 1          |  |       |
| Comment:                      |              |  |       |
| Corrective Action:            |              |  | Date: |

**Tanks and Berms:**

|                    |   |          |           |         |        |       |
|--------------------|---|----------|-----------|---------|--------|-------|
| Contents           | # | Capacity | Type      | Tank ID | SE GPS |       |
| PRODUCED WATER     | 1 | 300 BBLs | STEEL AST |         | ,      |       |
| Comment:           |   |          |           |         |        |       |
| Corrective Action: |   |          |           |         |        | Date: |

**Paint**

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

**Berms**

|                    |   |                     |                     |             |       |
|--------------------|---|---------------------|---------------------|-------------|-------|
| Type               | Capacity                                  | Permeability (Wall) | Permeability (Base) | Maintenance |       |
|                    |   |                     |                     |             |       |
| Comment:           | same berms as 500 bbl produced water tank |                     |                     |             |       |
| Corrective Action: |   |                     |                     |             | Date: |

|                    |   |          |                |         |        |       |
|--------------------|---|----------|----------------|---------|--------|-------|
| Contents           | # | Capacity | Type           | Tank ID | SE GPS |       |
| PRODUCED WATER     | 1 | 300 BBLs | FIBERGLASS AST |         | ,      |       |
| Comment:           |   |          |                |         |        |       |
| Corrective Action: |   |          |                |         |        | Date: |

**Paint**

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

**Berms**

|                    |   |                     |                     |             |       |
|--------------------|---|---------------------|---------------------|-------------|-------|
| Type               | Capacity                                  | Permeability (Wall) | Permeability (Base) | Maintenance |       |
|                    |   |                     |                     |             |       |
| Comment:           | same berms as 500 bbl produced water tank |                     |                     |             |       |
| Corrective Action: |   |                     |                     |             | Date: |

|                |   |          |           |         |        |  |
|----------------|---|----------|-----------|---------|--------|--|
| Contents       | # | Capacity | Type      | Tank ID | SE GPS |  |
| PRODUCED WATER | 1 | 500 BBLs | STEEL AST |         | ,      |  |

|                    |             |  |       |  |
|--------------------|-------------|--|-------|--|
| Comment:           | bolted tank |  | Date: |  |
| Corrective Action: |             |  | Date: |  |

Paint

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

Berms

|                    |          |                     |                     |             |
|--------------------|----------|---------------------|---------------------|-------------|
| Type               | Capacity | Permeability (Wall) | Permeability (Base) | Maintenance |
| Earth              | Adequate | Walls Sufficent     | Base Sufficent      | Adequate    |
| Comment:           |          |                     |                     | Date:       |
| Corrective Action: |          |                     |                     | Date:       |

|                    |                                |          |           |         |        |
|--------------------|--------------------------------|----------|-----------|---------|--------|
| Contents           | #                              | Capacity | Type      | Tank ID | SE GPS |
| CRUDE OIL          | 4                              | 300 BBLS | STEEL AST |         | ,      |
| Comment:           | one insulted, one enardo valve |          |           |         | Date:  |
| Corrective Action: |                                |          |           |         | Date:  |

Paint

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

Berms

|                    |          |                     |                     |             |
|--------------------|----------|---------------------|---------------------|-------------|
| Type               | Capacity | Permeability (Wall) | Permeability (Base) | Maintenance |
| Earth              | Adequate | Walls Sufficent     | Base Sufficent      | Adequate    |
| Comment:           |          |                     |                     | Date:       |
| Corrective Action: |          |                     |                     | Date:       |

Venting:

|                    |  |       |
|--------------------|--|-------|
| Yes/No             |  |       |
| Comment:           |  |       |
| Corrective Action: |  | Date: |

Flaring:

|                    |       |
|--------------------|-------|
| Type               |       |
| Comment:           |       |
| Corrective Action: | Date: |

### Location Construction

Location ID: 295348 CDP: \_\_\_\_\_

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

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

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

#### Form 2A COAs:

**Comment:** No COAs.

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

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

#### Wildlife BMPs:

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

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

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

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

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

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

#### 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:

\_\_\_\_\_

| Inspected Facilities |  |       |      |             |           |         |    |               |    |
|----------------------|--|-------|------|-------------|-----------|---------|----|---------------|----|
| Facility ID:         | 295348   | Type: | WELL | API Number: | 121-10985 | Status: | PR | Insp. Status: | PR |
| Producing Well       |  |       |      |             |           |         |    |               |    |
| Comment:             | PR. Dec 2018 last production reported to COGCC database. |       |      |             |           |         |    |               |    |
| 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                            |
|------------------|-----------------|-------------------------|-----------------------|---------------|--------------------------|------------------------------------|
| Berms            |                 |                         |                       |               |                          | berms at wellhead need maintenance |

Comment: Maintain berms at wellhead (see attached photo).

Corrective Action:

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

**Pits:** ☐ NO SURFACE INDICATION OF PIT

Type: Produced Water      Lined: NO      Pit ID:      Lat:      Long:

Reference Point: \_\_\_\_\_ Other: \_\_\_\_\_ Length: \_\_\_\_\_ Width: \_\_\_\_\_

**Lining:**

Liner Type: \_\_\_\_\_ Liner Condition: \_\_\_\_\_

Comment:

Corrective Action

Date:

**Fencing:**

Fencing Type: None      Fencing Condition: \_\_\_\_\_

Comment: CRP

Corrective Action

Date:

**Netting:**

Netting Type: \_\_\_\_\_ Netting Condition: \_\_\_\_\_

Comment:

Corrective Action

Date:

Anchor Trench Present: \_\_\_\_\_ Oil Accumulation: NO      2+ feet Freeboard: YES

Comment:

Corrective Action

Date:

Type: Produced Water      Lined: NO      Pit ID:      Lat:      Long:

Reference Point: \_\_\_\_\_ Other: \_\_\_\_\_ Length: \_\_\_\_\_ Width: \_\_\_\_\_

**Lining:**

Liner Type: \_\_\_\_\_ Liner Condition: \_\_\_\_\_

Comment:

Corrective Action

Date:

**Fencing:**

Fencing Type: None      Fencing Condition: \_\_\_\_\_

Comment: CRP

Corrective Action

Date:

**Netting:**

Netting Type: \_\_\_\_\_ Netting Condition: \_\_\_\_\_

|   |                                   |       |
|---|-----------------------------------|-------|
| Comment:  |                                   | Date: |
| Corrective Action   |                                   |       |
| Anchor Trench Present:                      Oil Accumulation: <u>NO</u> 2+ feet Freeboard: <u>YES</u> |                                   |       |
| Comment:  | <a href="#">geese on west pit</a> | Date: |
| Corrective Action   |                                   |       |

**Attached Documents**

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

| Document Num | Description            | URL   |
|--------------|------------------------|---|
| 401943380    | INSPECTION SUBMITTED   | <a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4737799">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4737799</a> |
| 688303877    | Peterson Church 41B-25 | <a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4737795">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4737795</a> |