

**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:
10/27/2016
Submitted Date:
10/27/2016
Document Number:
681901634

FIELD INSPECTION FORM

Loc ID _____ Inspector Name: _____ On-Site Inspection
320417 _____ HELGELAND, GARY _____ 2A Doc Num: _____

Status Summary:
 THIS IS A FOLLOW UP INSPECTION
 FOLLOW UP INSPECTION REQUIRED
 NO FOLLOW UP INSPECTION REQUIRED

Findings:
14 Number of Comments
1 Number of Corrective Actions
 Corrective Action Response Requested

Operator Information:
OGCC Operator Number: 69175
Name of Operator: PDC ENERGY INC
Address: 1775 SHERMAN STREET - STE 3000
City: DENVER State: CO Zip: 80203

Contact Information:

| Contact Name | Phone | Email | Comment |
|--------------|-------|--------------------------|---------------------------------|
| , | | cogccinspection@pdce.com | All Inspections |

Inspected Facilities:

| Facility ID | Type | Status | Status Date | Well Class | API Num | Facility Name | Insp Status |
|-------------|------|--------|-------------|------------|-----------|----------------|-------------|
| 203714 | WELL | PR | 06/15/2009 | OW | 001-09274 | MCELWAIN 41-17 | PR |

General Comment:

Location

Overall Good:

| Signs/Marker: | | | |
|----------------------|----------------------|--|-------|
| Type | WELLHEAD | | |
| Comment: | SATISFACTORY | | |
| Corrective Action: | | | Date: |
| Type | BATTERY | | |
| Comment: | SATISFACTORY | | |
| Corrective Action: | | | Date: |
| Type | TANK LABELS/PLACARDS | | |
| Comment: | SATISFACTORY | | |
| Corrective Action: | | | Date: |

| | | | |
|---------------------------|--------------|--|-------------|
| Emergency Contact Number: | | | |
| Comment: | SATISFACTORY | | |
| Corrective Action: | | | Date: _____ |

Overall Good:

| Spills: | | | |
|----------------|------|--------|--|
| Type | Area | Volume | |
| | | | |

In Containment: No

Comment:

Multiple Spills and Releases?

| Fencing/: | | | |
|--------------------|-------------|--|-------|
| Type | WELLHEAD | | |
| Comment: | PIPE FENCE. | | |
| Corrective Action: | | | Date: |

| Equipment: | | | corrective date |
|-----------------------------------|--------------|--|-----------------|
| Type: Horizontal Heated Separator | # 1 | | |
| Comment: | SATISFACTORY | | |
| Corrective Action: | | | Date: |
| Type: Pump Jack | # 1 | | |
| Comment: | SATISFACTORY | | |
| Corrective Action: | | | Date: |
| Type: Emission Control Device | # 1 | | |
| Comment: | SATISFACTORY | | |
| Corrective Action: | | | Date: |
| Type: Bird Protectors | # 2 | | |
| Comment: | SATISFACTORY | | |
| Corrective Action: | | | Date: |
| Type: Gas Meter Run | # 2 | | |

| | | | |
|--------------------|--------------|-------|--|
| Comment: | SATISFACTORY | | |
| Corrective Action: | | Date: | |

Tanks and Berms:

| Contents | # | Capacity | Type | Tanak ID | SE GPS |
|--------------------|---|----------|-----------|----------|-----------------------|
| CRUDE OIL | 2 | 300 BBLs | STEEL AST | | 39.966574,-104.903518 |
| Comment: | | | | | |
| Corrective Action: | | | | | Date: |

Paint

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

Berms

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

Venting:

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

Flaring:

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

Inspected Facilities

Facility ID: 203714 Type: WELL API Number: 001-09274 Status: PR Insp. Status: PR

Producing Well

Comment: PR

Corrective Action:

Date:

BradenHead

Comment: Bradenhead is plumed to surface

Corrective Action:

Date:

Environmental

Spill/Remediation:

Comment:

Corrective Action: Date:

Emission Control Burner (ECB): YES

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: _____

Comment: _____

1002 SITE PREPARATION AND STABILIZATION

1002a. FENCING _____

Comment _____

Corrective Action _____

Date _____

1002b. SOIL REMOVAL AND SEGREGATION _____

Comment _____

Corrective Action _____

Date _____

1002c. PROTECTION OF SOILS _____

Comment _____

Corrective Action _____

Date _____

1002E. SURFACE DISTURBANCE MINIMIZATION _____

Comment _____

Corrective Action _____

Date _____

1003a. Waste and Debris removed? Pass

Comment _____

Corrective Action _____

Date _____

Unused or unneeded equipment onsite? Pass

Comment _____

Corrective Action _____

Date _____

Pit, cellars, rat holes and other bores closed? Pass

Comment _____

Corrective Action _____

Date _____

Guy line anchors marked? Pass

Comment _____

Corrective Action _____

Date _____

1003b. Area no longer in use? _____ 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? _____

Production areas have been stabilized? Pass Segregated soils have been replaced? _____

RESTORATION AND REVEGETATION

Cropland

Top soil replaced Pass Recontoured Pass Perennial forage re-established In

Non-Cropland

Top soil replaced _____ Recontoured _____ 80% Revegetation _____

1003e. INTERIM VEGETATION TRANSECT

TRANSECT RESULTS OF DISTURBED AREA% _____

TRANSECT RESULTS OF REFERENCE AREA% _____

TOTAL % OF DESIRABLE VEGETATION COVER _____

VEGETATIVE COVER _____

1003 f. Weeds Noxious weeds? _____

Comment

Corrective Action

Date _____

Overall Interim Reclamation In Process

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 _____

1004.d. FINAL VEGETATION TRANSECT

TRANSECT RESULTS OF DISTURBED AREA% _____

TRANSECT RESULTS OF REFERENCE AREA% _____

TOTAL % OF DESIRABLE VEGETATION COVER _____

VEGETATIVE COVER _____

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 | Fail | | | |

Comment: EROSION AT WELL. SEE PHOTO.

Corrective Action: REPAIR EROSION.

Date: 11/27/2016

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 |
|--------------|---------------------|---|
| 681901634 | INSPECTION APPROVED | http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3992018 |
| 681901635 | EROSION. | http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3986636 |