

**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:

08/14/2018

Submitted Date:

08/17/2018

Document Number:

682503733**FIELD INSPECTION FORM**
 Loc ID 414589 Inspector Name: Trujillo, Aaron On-Site Inspection ☐ 2A Doc Num:                     
**Operator Information:**OGCC Operator Number: 10581Name of Operator: ABILENE PERFECT ENERGY JV LLCAddress: 4600 PECOS STREETCity: DENVER State: CO Zip: 80211**Status Summary:**

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

**Findings:**13 Number of Comments8 Number of Corrective Actions☒ Corrective Action Response Requested**Contact Information:**

| Contact Name | Phone | Email                     | Comment |
|--------------|-------|---------------------------|---------|
|              |       | charles@perfectenergy.us  |         |
|              |       | patricia@perfectenergy.us |         |
|              |       | jason.kosola@state.co.us  |         |
|              |       | malick@perfectenergy.us   |         |
|              |       | almc@perfectenergy.us     |         |
|              |       | denise.arthur@state.co.us |         |

**Inspected Facilities:**

| Facility ID | Type | Status | Status Date | Well Class | API Num   | Facility Name | Insp Status |
|-------------|------|--------|-------------|------------|-----------|---------------|-------------|
| 414591      | WELL | PR     | 12/01/2017  | OW         | 073-06393 | MOSHER 1-1H   | RI          |

**General Comment:**

This is a follow-up interim reclamation and stormwater inspection. Any corrective action(s) from previous inspections that have not been addressed are still applicable.

**Location**Overall Good: ☐

Emergency Contact Number:

Comment: Corrective Action: Date: **Good Housekeeping:**

|                    |  |       |            |
|--------------------|--|-------|------------|
| Type               | STORAGE OF SUPL  |       |            |
| Comment:           | Previous inspections documented camper trailer that was being stored on the northern end of the location. Inspections also documented what appears to have been a grey/waster water hose leading from camper to ground. Hose has been disconnected from trailer, however trailer remains on location. Corrective action has not been addressed and remains applicable. |       |            |
| Corrective Action: | Comply with Rule 603.f and remove equipment not need for production.   | Date: | 07/20/2018 |
| Type               | TRASH  |       |            |
| Comment:           | Previous inspections documented various trash debris including empty buckets, pipe, funnels, straw wattles, etc... observed throughout location and required operator to properly remove and dispose.<br><br>Trash debris remains evident throughout location. Corrective action has not been addressed and remains applicable.  |       |            |
| Corrective Action: | Comply with Rule 603.f and properly remove and dispose trash debris.   | Date: | 06/30/2018 |
| Type               | UNUSED EQUIPMENT   |       |            |
| Comment:           | Inspection #682503512 documented unused equipment throughtout location production area, and that location appears to be in use as a storage yard. Inspection required operator to remove all unused equipment, and equipment not needed for production on the location by 9/20/2018. This CA remains applicable.   |       |            |
| Corrective Action: | Comply with Rule 603.f and remove all unused equipment and equipment not needed for production on the location.  | Date: | 09/20/2018 |

Overall Good: ☐**Spills:**

|      |      |        |  |  |
|------|------|--------|--|--|
| Type | Area | Volume |  |  |
|------|------|--------|--|--|

In Containment: No

Comment: ☐ Multiple Spills and Releases?**Tanks and Berms:**

|                    |   |          |           |         |                       |
|--------------------|---|----------|-----------|---------|-----------------------|
| Contents           | #   | Capacity | Type      | Tank ID | SE GPS                |
| PRODUCED WATER     | 4   | 400 BBLS | STEEL AST |         | 38.937760,-103.388020 |
| Comment:           | Previous inspections documented that the manway cover has been removed from the middle tank on the west side of the battery (see photo 6), and that there is stained soil by the tank. Cover has not been replaiced. This corrective action remains applicable. See "Environmental" for remediation of soils. |          |           |         |                       |
| Corrective Action: | Replace cover or install wildlife protection equipment  |          |           |         | Date: 06/30/2018      |

**Paint**

|                  |                      |
|------------------|----------------------|
| Condition        | <input type="text"/> |
| Other (Content)  | <input type="text"/> |
| Other (Capacity) | <input type="text"/> |
| Other (Type)     | <input type="text"/> |

| Berms              |  |                     |                     |                  |
|--------------------|--|---------------------|---------------------|------------------|
| Type               | Capacity   | Permeability (Wall) | Permeability (Base) | Maintenance      |
| Earth              |  | Walls Insufficient  |                     | Inadequate       |
| Comment:           | Previous inspection documented that vegetation has established on the earthen berms around the tank battery and production equipment. Vegetation compromises the integrity of containment berms and needs to be removed. Vegetation has not been removed. Corrective action has not been addressed and remains applicable. |                     |                     |                  |
| Corrective Action: | Remove vegetation from berms.  |                     |                     | Date: 06/30/2018 |
| Venting:           |  |                     |                     |                  |
| Yes/No             |  |                     |                     |                  |
| Comment:           |  |                     |                     |                  |
| Corrective Action: |  |                     |                     | Date:            |
| Flaring:           |  |                     |                     |                  |
| Type               |  |                     |                     |                  |
| Comment:           |  |                     |                     |                  |
| Corrective Action: |  |                     |                     | Date:            |

|                             |            |                       |            |                  |
|-----------------------------|------------|-----------------------|------------|------------------|
| <b>Inspected Facilities</b> |            |                       |            |                  |
| Facility ID: 414591         | Type: WELL | API Number: 073-06393 | Status: PR | Insp. Status: RI |
| <b>Producing Well</b>       |            |                       |            |                  |
| Comment:                    |            |                       |            |                  |
| Corrective Action:          |            |                       |            | Date:            |

**Environmental****Spill/Remediation:**

Comment: Inspection #680001774 documented "Stained soil by separator and pumping unit, Base of tanks at battery, Pile of stained (E&P Waste) soil on north side of location", and required operator to Properly treat or dispose of oily waste in accordance with Rule 907.e., and to contact area COGCC EPS. Stained soils and pile have not been properly treated and/or removed. Corrective action and date remains applicable.

Corrective Action: Contact area EPS. Properly treat or dispose of waste and soils in accordance with Rule 907.e.

Date: 06/01/2018

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: RANGELAND

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 **Fail** \_\_\_\_\_Comment [See "Environmental".](#)

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

Date \_\_\_\_\_

1002E. SURFACE DISTURBANCE MINIMIZATION **Fail** \_\_\_\_\_

Comment \_\_\_\_\_

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

Date \_\_\_\_\_

1003a. Waste and Debris removed? **Fail** \_\_\_\_\_Comment [See "Good Housekeeping"](#)

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

Date \_\_\_\_\_

Unused or unneeded equipment onsite? **Pass** \_\_\_\_\_Comment [See "Good Housekeeping"](#)

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

Date \_\_\_\_\_

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

Comment \_\_\_\_\_

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

Date \_\_\_\_\_

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

Comment \_\_\_\_\_

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

Date \_\_\_\_\_

1003b. Area no longer in use? Fail Production areas stabilized ? \_\_\_\_\_

1003c. Compacted areas have been cross ripped? Fail

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? Fail

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 Fail

## 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

Previous inspections documented large areas on the Northeast and Eastern end of the location that do not appear to be reasonably needed for production operations. Various unused equipment and debris observed throughout these areas (see good housekeeping). Inspection required that these areas need to be reclaimed by 10/30/2018 in accordance to COGCC 1003 reclamation rules and requirements. This corrective action remains applicable.

Corrective Action

Perform interim reclamation on areas no longer needed for production operations in accordance to COGCC 1000 series reclamation rules and requirements. Designated final land use appears to be rangeland; establish vegetation with total perennial, non-invasive uniform plant cover of at least eighty (80) percent of pre-disturbance or reference area levels. Use a seed mixture requested by the surface owner, or a mixture prescribed by the local county NRCS. Ensure erosion controls are implemented to stabilize the seeded soil, and continue to monitor and manage this site. Revegetation activities shall be complete no later than 10/30/2018

Date 10/30/2018**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 \_\_\_\_\_

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 |
|------------------|-----------------|-------------------------|-----------------------|--|--------------------------|---------|
|                  |                 |                         |                       | Material Handling And Spill Prevention | Fail                     | Buckets |

Comment: Previous inspections documented Subsidence at SE corner of tank berms and near injection pump, and numerous 5 gal buckets with chemicals stored at pump jack and the location not in secondary containment. This Corrective action and date remains applicable. Buckets have not been removed or placed into secondary containment.

Corrective Action: **Comply with 1002.f and remove containers/buckets/jugs or install BMPs**

Date: 06/30/2018

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   |
|--------------|-------------------|---|
| 682503734    | Inspection Photos | <a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4555296">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4555296</a> |