

**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:

06/19/2018

Submitted Date:

06/20/2018

Document Number:

682503512**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:**14 Number of Comments9 Number of Corrective Actions☒ Corrective Action Response Requested**Contact Information:**

Contact Name	Phone	Email	Comment
Arthur, Denise		denise.arthur@state.co.us	
		almc@perfectenergy.us	
		malick@perfectenergy.us	
		charles@perfectenergy.us	
		jason.kosola@state.co.us	
		patricia@perfectenergy.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 an 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	TRASH		
Comment:	Various trash debris including empty buckets, pipe, funnels, straw wattles, etc... observed throughout location.		
Corrective Action:	Comply with Rule 603.f and properly remove and dispose trash debris.		Date: <u>06/30/2018</u>
Type	STORAGE OF SUPL		
Comment:	Camper trailer being stored on the northern end of the location. This is not needed for production and needs to be removed. Additionally, there is a hose leading from the north end of the camper to a covered hole on the ground; Hose appears to be associated with the grey and/or waste water from the camper. This is a possible violation of Colorado's regulation 43 On-Site Waste Water Treatment Act. Lincoln County Health Department has been notified.		
Corrective Action:	Comply with Rule 603.f and remove equipment not need for production.SEE PHOTOS 18, 25-28 IN THE ATTACHED PHOTO DOCUMENT		Date: <u>07/20/2018</u>
Type	UNUSED EQUIPMENT		
Comment:	Unused equipment found throughout the location production area. Location appears to be in use as a storage yard. A 502.b variance is required for equipment to be stored on location. See "Reclamation"; All unused equipment, and equipment not needed for production on the location can not be stored on location and needs to be removed.		
Corrective Action:	Comply with Rule 603.f and remove all unused equipment and equipment not needed for production on the location. SEE PHOTOS 2, 10, 11, 16-20, 22-25 IN THE ATTACHED PHOTO DOCUMENT.		Date: <u>09/20/2018</u>

Overall Good: ☐**Spills:**

Type	Area	Volume		
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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. This corrective action remains applicable. See "Environmental" for remediation of soils.					
Corrective Action:	Replace cover or install wildlife protection equipment				Date: <u>06/30/2018</u>	

**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:	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. SEE PHOTOS 3-5 IN THE ATTACHED PHOTO DOCUMENT.				
Corrective Action:	Remove vegetation from berms.			Date:	06/30/2018

**Venting:**

Yes/No			
Comment:			
Corrective Action:		Date:	

**Flaring:**

Type		
Comment:		
Corrective Action:		Date:

Inspected Facilities									
Facility ID:	414591	Type:	WELL	API Number:	073-06393	Status:	PR	Insp. Status:	RI
Producing Well									
Comment:	Previous inspections required operator to submit form 7 (Production Reports) by 6/30/2018. No form 7 has been submitted at this time. This corrective action and date remains applicable.								
Corrective Action:	Submit required Form 7 (Production reports) to COGCC.							Date:	06/30/2018

**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. SEE PHOTOS 7, 8, 12 AND 15 IN THE ATTACHED PHOTO DOCUMENT.

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? **Fail** \_\_\_\_\_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 There are 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). These areas need to be reclaimed in accordance to COGCC 1003 reclamation rules and requirements.

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 Fail

**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: Inspection #688301873 and #680001774 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. See photos 7-10, 16, 29 and 30). 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 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
401680324	INSPECTION SUBMITTED	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4500144">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4500144</a>
682503513	Inspection Photos	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4500122">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4500122</a>