

**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: _____

Status Summary:

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

Operator Information:

OGCC Operator Number: 10581
Name of Operator: ABILENE PERFECT ENERGY JV LLC
Address: 4600 PECOS STREET
City: DENVER State: CO Zip: 80211

Findings:

- 14 Number of Comments
- 9 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:	06/30/2018
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:	07/20/2018
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:	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. 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:	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	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4500144
682503513	Inspection Photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4500122