

**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:

05/24/2018

Submitted Date:

05/28/2018

Document Number:

688301873**FIELD INSPECTION FORM**

Loc ID 414589 Inspector Name: Sherman, Susan 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:**17 Number of Comments6 Number of Corrective Actions☒ Corrective Action Response Requested**Contact Information:**

Contact Name	Phone	Email	Comment
Kosola, Jason		jason.kosola@state.co.us	COGCC EPS
Leonard, Mike		mike.leonard@state.co.us	
McGregor, Al	(303) 520-4438	almc@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	PR

**General Comment:**

Routine Inspection

**Location**Overall Good: ☒

<b>Signs/Marker:</b>			
Type	OTHER		
Comment:	location sign at gate		
Corrective Action:		Date:	
Type	TANK LABELS/PLACARDS		
Comment:			
Corrective Action:		Date:	

Emergency Contact Number:

Comment: 720-370-6441

Corrective Action:

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

**Good Housekeeping:**

Type	OTHER		
Comment:	RV on location with hoses going from it to a cover hole in ground (see attached photo).		
Corrective Action:		Date:	
Type	UNUSED EQUIPMENT		
Comment:	Landowner permission required to store equipment, including FWKO tank near treater (see attached photo).		
Corrective Action:	Comply with Rule 603.f .	Date:	06/29/2018

Overall Good: ☐

<b>Spills:</b>			
Type	Area	Volume	
Produced Water	Tank	<= 1 bbl	
Comment:	Produced water leaking from injection pump while in operation. Inspector contacted operator while on location. Operator will have pumper shut down pump.		
Corrective Action:	Pump to be shut down for repair of leak ASAP.		Date: 05/24/2018

In Containment: Yes

Comment:

☐ Multiple Spills and Releases?

<b>Fencing/:</b>			
Type	LOCATION		
Comment:	barbed wire		
Corrective Action:		Date:	
Type	WELLHEAD		
Comment:	steel panels		
Corrective Action:		Date:	

<b>Equipment:</b>			corrective date
Type: Pump Jack	# 1		
Comment:	solar panel		

Corrective Action:		Date:	
Type: Other	# 1		
Comment:	generator, propane tanks, electric panel		
Corrective Action:		Date:	
Type: FWKO	# 1		
Comment:			
Corrective Action:		Date:	
Type: Flare	# 1		
Comment:			
Corrective Action:		Date:	
Type: Horizontal Heater Treater	# 1		
Comment:			
Corrective Action:		Date:	
Type: Bird Protectors	# 1		
Comment:			
Corrective Action:		Date:	
Type: Prime Mover	# 1		
Comment:	gas engine		
Corrective Action:		Date:	

**Tanks and Berms:**

Contents	#	Capacity	Type	Tank ID	SE GPS
CRUDE OIL	2	400 BBLs	STEEL AST		38.937760,-103.388020
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:	
Contents	#	Capacity	Type	Tank ID	SE GPS
PRODUCED WATER	4	400 BBLs	STEEL AST		
Comment:	Middle tanks on west side of battery is open at the bottom (see attached photo). Stained soil at base of same tank. Close cover to protect wildlife.				
Corrective Action:	Install or repair wildlife protection equipment.				Date: 06/04/2018

**Paint**

Condition	
Other (Content)	
Other (Capacity)	
Other (Type)	

**Berms**

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Comment:	same berms as crude oil tanks			
Corrective Action:				Date:

**Venting:**

Yes/No	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:	PR
Producing Well									
Comment:	PR. Dec 2017 production last reported to COGCC database.								
Corrective Action:	Submit required Form 7(s) to COGCC.							Date:	06/29/2018

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**Environmental****Waste Management:**

Type	Management	Condition	GPS (Lat) (Long)		
Oily Soil	Piles	Inadequate	38.937760	-103.388020	
Comment	See attached photo on stained soil pile NW of treater.				
Corrective Action	E&P Waste not properly stored, handled, transported, treated, recycled, or disposed per Rule 907. Contact COGCC EPS staff.				Date: 05/30/2018

**Spill/Remediation:**

Comment:			
Corrective Action:			Date: _____

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 \_\_\_\_\_

Comment \_\_\_\_\_

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

Date \_\_\_\_\_

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

Comment \_\_\_\_\_

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

Date \_\_\_\_\_

1003a. Waste and Debris removed? \_\_\_\_\_

Comment \_\_\_\_\_

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

Date \_\_\_\_\_

Unused or unneeded equipment onsite? \_\_\_\_\_

Comment \_\_\_\_\_

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? \_\_\_\_\_ Production areas stabilized ? \_\_\_\_\_
- 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? \_\_\_\_\_ 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 \_\_\_\_\_

## 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

**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
Compaction		Compaction	Pass	Material Handling And Spill Prevention	Fail	
Gravel	Pass	Gravel	Pass			
<p>Comment: <a href="#">Subsidence at SE corner of tank berms and near injection pump (see attached photo).</a>  <a href="#">Chemical 5 gal buckets stored at pump jack not in secondary containment (see attached photo).</a></p> <p>Corrective Action: <a href="#">See Rule 1002(f)(B)</a> Date: 06/29/2018</p> <p>Pits: <input type="checkbox"/> NO SURFACE INDICATION OF PIT</p>						

**Attached Documents**

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

Document Num	Description	URL
688301898	Abilene Perfect Energy Mosher 1-1H	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4475847">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4475847</a>