

**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: _____

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:

- 17 Number of Comments
- 6 Number of Corrective Actions
- Corrective Action Response Requested

Contact Information:

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

General Comment:

Routine Inspection

Large empty rectangular area for additional notes or comments.

Location

Overall Good:

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

Emergency Contact Number:			
Comment:	720-370-6441		
Corrective Action:		Date:	

Good Housekeeping:			
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
Type	OTHER		
Comment:	RV on location with hoses going from it to a cover hole in ground (see attached photo).		
Corrective Action:		Date:	

Overall Good:

Spills:			
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?

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

Equipment:			corrective date
Type: FWKO	# 1		
Comment:			

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

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			

Comment: [Subsidence at SE corner of tank berms and near injection pump \(see attached photo\).](#)
[Chemical 5 gal buckets stored at pump jack not in secondary containment \(see attached photo\).](#)

Corrective Action: [See Rule 1002\(f\)\(B\)](#)

Date: 06/29/2018

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
401655017	INSPECTION SUBMITTED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4475865
688301898	Abilene Perfect Energy Mosher 1-1H	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4475847