

**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:

08/21/2017

Submitted Date:

08/21/2017

Document Number:

684904078**FIELD INSPECTION FORM**
 Loc ID 317614 Inspector Name: Pesicka, Conor 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: 10381Name of Operator: TIDAL WAVE ENERGY INCAddress: 479 KINGSWOORD DRIVECity: NEW CASTLE State: PA Zip: 16105**Findings:**16 Number of Comments6 Number of Corrective Actions☒ Corrective Action Response Requested**Contact Information:**

Contact Name	Phone	Email	Comment
Allison, Rick		rick.allison@state.co.us	
Leonard, Mike		mike.leonard@state.co.us	
Ginter, Ted	307-640.9207	timrginter@gmail.com	Pumper for Tidal Wave
Kneisl, Josef	(724) 494-5875	tidalwaveenergy@comcast.net	

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
100335	PIT	AC	09/23/1999		-	DOLAN-RANCHES 3-27	AC
117878	PIT	AC	02/06/1990		-	DOLAN RANCHES 13-27	AC
239576	WELL	PR	08/01/2015	OW	123-07364	DOLAN RANCHES 13-27	PR
259009	PIT	AC	01/19/2001		-	DOLAN RANCHES 13-27	AC

General Comment:[Followup inspection to inspection doc#684904041](#)

LocationOverall Good: ☒

Signs/Marker:			
Type	TANK LABELS/PLACARDS		
Comment:			
Corrective Action:		Date:	
Type	WELLHEAD		
Comment:	Associated to battery		
Corrective Action:		Date:	
Type	BATTERY		
Comment:			
Corrective Action:		Date:	

Emergency Contact Number:

Comment:

Corrective Action:

Date: _____

Good Housekeeping:

Type	WEEDS		
Comment:	Weeds at wellhead, around engine, in pit, around separator, in tank berms		
Corrective Action:	Comply with Rule 603.f using the Rule 603.f guidance document for further details.	Date:	08/24/2017

Overall Good: ☐

Spills:			
Type	Area	Volume	

In Containment: No

Comment:

☐ Multiple Spills and Releases?**Fencing/:**

Type	LOCATION		
Comment:	barbed wire		
Corrective Action:		Date:	

Equipment:

			corrective date
Type: Deadman # & Marked	# 4		
Comment:			
Corrective Action:		Date:	
Type: Vertical Heater Treater	# 1		
Comment:			
Corrective Action:		Date:	
Type: Bird Protectors	# 1		
Comment:			
Corrective Action:		Date:	

Type: Ancillary equipment	# 1		
Comment:	propane tank		
Corrective Action:		Date:	
Type: Prime Mover	# 1		
Comment:	ajax; stained soil removed		
Corrective Action:		Date:	
Type: Horizontal Separator	# 1		
Comment:			
Corrective Action:		Date:	
Type: Pump Jack	# 1		
Comment:	Stained soil at wellhead cannot be determined due to weeds at wellhead		
Corrective Action:		Date:	

Tanks and Berms:

Contents	#	Capacity	Type	Tank ID	SE GPS	
CRUDE OIL	2	300 BBLs	STEEL AST		40.890170,-103.957990	
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:		

Venting:

Yes/No	NO	
Comment:		
Corrective Action:		Date:

Flaring:

Type	
Comment:	
Corrective Action:	Date:

Inspected FacilitiesFacility ID: 100335 Type: PIT API Number: - Status: AC Insp. Status: ACFacility ID: 117878 Type: PIT API Number: - Status: AC Insp. Status: ACFacility ID: 239576 Type: WELL API Number: 123-07364 Status: PR Insp. Status: PR**Producing Well**Comment: PR

Corrective Action:

Date:

BradenHeadComment: Bradenhead plumbed to surface.

Corrective Action:

Date:

Facility ID: 259009 Type: PIT API Number: - Status: AC Insp. Status: AC

Environmental	
Spill/Remediation:	
Comment:	
Corrective Action:	Date:
Emission Control Burner (ECB): NO	
Comment:	
Pilot:	Wildlife Protection Devices (fired vessels): YES

Reclamation - Storm Water - Pit**Interim Reclamation:**

Date Interim Reclamation Started: _____ Date Interim Reclamation Completed: _____

Land Use: _____

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? Pass

Comment _____

Corrective Action _____

Date _____

Unused or unneeded equipment onsite? Pass

Comment _____

Corrective Action _____

Date _____

Pit, cellars, rat holes and other bores closed? Pass

Comment _____

Corrective Action _____

Date _____

Guy line anchors marked? Pass

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 REVEGETATIONCropland

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: _____

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
Gravel	Pass	Gravel	Pass			

Comment: Corrective Action: Date: **Pits:** ☐ NO SURFACE INDICATION OF PITType: Produced WaterLined: YESPit ID: 100335Lat: 40.890358Long: -103.968192Reference Point: Other: Length: Width: **Lining:**Liner Type: PlasticLiner Condition: AdequateComment: Corrective Action: Date: c**Fencing:**Fencing Type: Fencing Condition: Comment: Corrective Action: Date: **Netting:**Netting Type: Netting Condition: Comment: Corrective Action: Date: Anchor Trench Present: Oil Accumulation: NO2+ feet Freeboard: YESComment: Pit not updated to reflect current operatorCorrective Action: Submit form 10Date: 08/24/2017Type: Produced WaterLined: YESPit ID: 259009Lat: 40.890222Long: -103.967885Reference Point: Other: Length: Width: **Lining:**Liner Type: PlasticLiner Condition: InadequateComment: Blue not maintainedCorrective Action: Reduce fluid level in pit, contact COGCC EPS staff for directives.Date: 08/15/2017c**Fencing:**Fencing Type: Fencing Condition: Comment: Corrective Action: Date: **Netting:**Netting Type: Netting Condition: Comment:

Corrective Action		Date:
Anchor Trench Present: Oil Accumulation: <u>NO</u> 2+ feet Freeboard: <u>YES</u>		
Comment:	<u>Pit not updated to reflect current operator</u>	
Corrective Action	<u>Submit form 10</u>	Date: <u>08/24/2017</u>
Type: <u>Produced Water</u>	Lined: <u>YES</u>	Pit ID: <u>117878</u> Lat: <u>40.890414</u> Long: <u>-103.968579</u>
Reference Point: _____	Other: _____	Length: _____ Width: _____
<u>Lining:</u>		
Liner Type:	Liner Condition:	
Comment:	<u>Liner not maintaine</u>	
Corrective Action	<u>Reduce fluid level in pit, contact COGCC EPS staff for directives.</u>	Date: <u>08/15/2017c</u>
<u>Fencing:</u>		
Fencing Type:	Fencing Condition:	
Comment:		
Corrective Action		Date:
<u>Netting:</u>		
Netting Type:	Netting Condition:	
Comment:		
Corrective Action		Date:
Anchor Trench Present: Oil Accumulation: 2+ feet Freeboard:		
Comment:	<u>Pit not updated to reflect current operator</u>	
Corrective Action	<u>Submit form 10</u>	Date: <u>08/24/2017</u>

COGCC Comments

Comment	User	Date
<u>Spoke with operator at 12:45pm on 08/21/17</u>	pesickac	08/21/2017

Attached Documents

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

Document Num	Description	URL
401382445	INSPECTION SUBMITTED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4233490
684904079	Site photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4233489