

**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 <input type="checkbox"/>	2A Doc Num: _____	<b>Status Summary:</b> <input checked="" type="checkbox"/> THIS IS A FOLLOW UP INSPECTION <input checked="" type="checkbox"/> FOLLOW UP INSPECTION REQUIRED <input type="checkbox"/> NO FOLLOW UP INSPECTION REQUIRED
<b>Operator Information:</b> OGCC Operator Number: <u>10381</u> Name of Operator: <u>TIDAL WAVE ENERGY INC</u> Address: <u>479 KINGSWOORD DRIVE</u> City: <u>NEW CASTLE</u> State: <u>PA</u> Zip: <u>16105</u>				<b>Findings:</b> <u>16</u> Number of Comments <u>6</u> Number of Corrective Actions <input checked="" type="checkbox"/> Corrective Action Response Requested

**Contact Information:**

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

**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

**Location**Overall Good: ☒

<b>Signs/Marker:</b>			
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: ☐

<b>Spills:</b>			
Type	Area	Volume	

In Containment: No

Comment:

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

Type	LOCATION		
Comment:	barbed wire		
Corrective Action:		Date:	

**Equipment:**

			corrective 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: Vertical Heater Treater	# 1		
Comment:			
Corrective Action:			Date:
Type: Deadman # & Marked	# 4		
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 Facilities**Facility 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:

**BradenHead**Comment: Bradenhead plumbed to surface.

Corrective Action:

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

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

Environmental	
<b>Spill/Remediation:</b>	
Comment:	
Corrective Action:	<div></div> <div>Date: </div>
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 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: \_\_\_\_\_

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: 117878Lat: 40.890414Long: -103.968579Reference Point: Other: Length: Width: **Lining:**

Liner Type:

Liner Condition:

Comment: Liner not maintaine

Corrective 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:

2+ feet Freeboard:

Comment: Pit not updated to reflect current operator

Corrective 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: Liner not maintained

Corrective 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>100335</u> Lat: <u>40.890358</u> Long: <u>-103.968192</u>									
Reference Point: _____	Other: _____	Length: _____      Width: _____									
<u>Lining:</u>											
Liner Type: <u>Plastic</u>	Liner Condition: <u>Adequate</u>										
Comment:											
Corrective Action		Date: <u>c</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: <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>									
Permit:	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Facility ID</th> <th>Permit Num</th> <th>Expiration Date</th> </tr> </thead> <tbody> <tr> <td>259009</td> <td>882412</td> <td></td> </tr> <tr> <td>259009</td> <td>882412</td> <td></td> </tr> </tbody> </table>	Facility ID	Permit Num	Expiration Date	259009	882412		259009	882412		
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**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
684904079	Site photos	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4233489">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4233489</a>