

**FORM INSP**  
Rev 05/11

**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:  
08/10/2016  
Document Number:  
684901893  
Overall Inspection:  
**ACTION REQUIRED**

**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	<u>317614</u>	<u>317614</u>	<u>Pesicka, Conor</u>	<input type="checkbox"/>	

**Operator Information:**

OGCC Operator Number: 10381  
Name of Operator: TIDAL WAVE ENERGY INC  
Address: 479 KINGSWOORD DRIVE  
City: NEW CASTLE State: PA Zip: 16105

- THIS IS A FOLLOW UP INSPECTION
- FOLLOW UP INSPECTION REQUIRED
- NO FOLLOW UP INSPECTION REQUIRED
- INSPECTOR REQUESTS FORM 42 WHEN CORRECTIVE ACTIONS ARE COMPLETED

**Contact Information:**

Contact Name	Phone	Email	Comment
Kneisl, Josef	(724) 494-5875	tidalwaveenergy@comcast.net	

**Compliance Summary:**

QtrQtr: SWSW Sec: 27 Twp: 11N Range: 59W

**Inspector Comment:**

*This site was analyzed using a FLIR infrared camera. See attachments for video.*

**Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
239576	WELL	PR	08/01/2015	OW	123-07364	DOLAN RANCHES 13-27	PR	<input checked="" type="checkbox"/>
259009	PIT	AC	01/19/2001		-	DOLAN RANCHES 13-27	AC	<input checked="" type="checkbox"/>

**Equipment:**

Location Inventory

Special Purpose Pits: _____	Drilling Pits: _____	Wells: _____	Production Pits: _____
Condensate Tanks: _____	Water Tanks: _____	Separators: _____	Electric Motors: _____
Gas or Diesel Mortors: _____	Cavity Pumps: _____	LACT Unit: _____	Pump Jacks: _____
Electric Generators: _____	Gas Pipeline: _____	Oil Pipeline: _____	Water Pipeline: _____
Gas Compressors: _____	VOC Combustor: _____	Oil Tanks: _____	Dehydrator Units: _____
Multi-Well Pits: _____	Pigging Station: _____	Flare: _____	Fuel Tanks: _____

**Location**

**Signs/Marker:**

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
WELLHEAD	<b>ACTION REQUIRED</b>	Sign is for prior operator	Install sign to comply with rule 210.	<b>10/10/2016</b>
TANK LABELS/PLACARDS	<b>ACTION REQUIRED</b>	No capacity, contents, on crude oil tanks	Install sign to comply with rule 210.	<b>10/10/2016</b>

Inspector Name: Pesicka, Conor

BATTERY	SATISFACTORY	Associated to wellhead		
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Emergency Contact Number (S/AR):         ACTION         Corrective Date: 09/12/2016

Comment: **Emergency contact # is for prior operator**

Corrective Action: **Install sign to comply with rule 210.**

<b>Spills:</b>				
Type	Area	Volume	Corrective action	CA Date
<input type="checkbox"/> Multiple Spills and Releases?				

<b>Fencing/:</b>				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
LOCATION	SATISFACTORY	barbed wire		

<b>Equipment:</b>				
Type: Ancillary equipment	# 1	Satisfactory/Action Required:	SATISFACTORY	
Comment	propane tank			
Corrective Action				Date:
Type: Pump Jack	# 1	Satisfactory/Action Required:	ACTION REQUIRED	
Comment	stained soil around wellhead			
Corrective Action	remove or remediate stained soil; Securely fasten all valves, pipes, and fittings to ensure good mechanical condition per Rule 605.d.			Date: 9/12/2016
Type: Deadman # & Marked	# 4	Satisfactory/Action Required:	SATISFACTORY	
Comment				
Corrective Action				Date:
Type: Vertical Heater Treater	# 1	Satisfactory/Action Required:	SATISFACTORY	
Comment				
Corrective Action				Date:
Type: Horizontal Separator	# 1	Satisfactory/Action Required:	SATISFACTORY	
Comment				
Corrective Action				Date:
Type: Prime Mover	# 1	Satisfactory/Action Required:	SATISFACTORY	
Comment	ajax			
Corrective Action				Date:
Type: Bird Protectors	# 1	Satisfactory/Action Required:	SATISFACTORY	
Comment				
Corrective Action				Date:

<b>Tanks and Berms:</b> <input type="checkbox"/> New Tank Tank ID: <u>                    </u>				
Contents	#	Capacity	Type	SE GPS
CRUDE OIL	2	300 BBLs	STEEL AST	40.890170,-103.967990
S/AR	ACTION REQUIRED		Comment: Stained soil at loadout valves	

Inspector Name: Pesicka, Conor

Corrective Action:	Remove or remediate stained soil; Securely fasten all valves, pipes, and fittings to ensure good mechanical condition per Rule 605.d.	Corrective Date:	09/12/2016
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**Paint**

Condition	Adequate
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Other (Content) \_\_\_\_\_

Other (Capacity) \_\_\_\_\_

Other (Type) \_\_\_\_\_

**Berms**

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Earth	Inadequate	Walls Sufficient	Base Sufficient	Inadequate

Corrective Action	Repair or install berms or other secondary containment devices per Rule 906.d.(1).	Corrective Date	09/12/2016
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Comment	Berms have been worn down
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**Venting:**

Yes/No	YES
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Comment	Gas escape from heater treater - see attached FLIR video
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**Flaring:**

Type	Satisfactory/Action Required
Comment:	
Corrective Action:	Correct Action Date:

**Predrill**

Location ID: 317614

Lease Road Adeq.: \_\_\_\_\_ Pads: \_\_\_\_\_ Soil Stockpile: \_\_\_\_\_

S/AR: \_\_\_\_\_

Corrective Action: \_\_\_\_\_ Date: \_\_\_\_\_ CDP Num.: \_\_\_\_\_

**Form 2A COAs:**

S/AR: \_\_\_\_\_ Comment: \_\_\_\_\_

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

**Wildlife BMPs:**

S/AR: \_\_\_\_\_ Comment: \_\_\_\_\_

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

Comment: \_\_\_\_\_

**Staking:**

**On Site Inspection (305):**

Surface Owner Contact Information:

Name: \_\_\_\_\_ Address: \_\_\_\_\_

Phone Number: \_\_\_\_\_ Cell Phone: \_\_\_\_\_

Operator Rep. Contact Information:

Landman Name: \_\_\_\_\_ Phone Number: \_\_\_\_\_

Date Onsite Request Received: \_\_\_\_\_ Date of Rule 306 Consultation: \_\_\_\_\_

Request LGD Attendance: \_\_\_\_\_

LGD Contact Information:

Name: \_\_\_\_\_ Phone Number: \_\_\_\_\_ Agreed to Attend: \_\_\_\_\_

Summary of Landowner Issues:

\_\_\_\_\_

Summary of Operator Response to Landowner Issues:

\_\_\_\_\_

Onsite Inspection Memorandum Summarizing Discussions at Inspection as Attachment:

\_\_\_\_\_

**Facility**

Facility ID: 239576 Type: WELL API Number: 123-07364 Status: PR Insp. Status: PR

**Producing Well**

Comment: PR

**BradenHead**

Comment: Bradenhead plumbed to surface

CA: \_\_\_\_\_

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

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

**Environmental**

**Spills/Releases:**

Inspector Name: Pesicka, Conor

Type of Spill: \_\_\_\_\_ Description: \_\_\_\_\_ Estimated Spill Volume: \_\_\_\_\_  
 Comment: \_\_\_\_\_  
 Corrective Action: \_\_\_\_\_ Date: \_\_\_\_\_  
 Reportable: \_\_\_\_\_ GPS: Lat \_\_\_\_\_ Long \_\_\_\_\_  
 Proximity to Surface Water: \_\_\_\_\_ Depth to Ground Water: \_\_\_\_\_

**Water Well:** \_\_\_\_\_ Lat \_\_\_\_\_ Long \_\_\_\_\_  
 DWR Receipt Num: \_\_\_\_\_ Owner Name: \_\_\_\_\_ GPS : \_\_\_\_\_

**Field Parameters:** \_\_\_\_\_

Sample Location: \_\_\_\_\_

Emission Control Burner (ECB):  N   
 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: \_\_\_\_\_

1003a. Waste and Debris removed?  Pass   
 CM \_\_\_\_\_  
 CA \_\_\_\_\_ CA Date \_\_\_\_\_

Unused or unneeded equipment onsite?  Pass   
 CM \_\_\_\_\_  
 CA \_\_\_\_\_ CA Date \_\_\_\_\_

Pit, cellars, rat holes and other bores closed?  Pass   
 CM \_\_\_\_\_  
 CA \_\_\_\_\_ CA Date \_\_\_\_\_

Guy line anchors marked?  Pass   
 CM \_\_\_\_\_  
 CA \_\_\_\_\_ CA Date \_\_\_\_\_

1003b. Area no longer in use?  In  Production areas stabilized ?  Pass

1003c. Compacted areas have been cross ripped? \_\_\_\_\_

1003d. Drilling pit closed?  Pass  Subsidence over on drill pit?  Pass

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

Inspector Name: Pesicka, Conor

Top soil replaced \_\_\_\_\_ Recontoured \_\_\_\_\_ Perennial forage re-established \_\_\_\_\_

Non-Cropland

Top soil replaced \_\_\_\_\_ Recontoured \_\_\_\_\_ 80% Revegetation \_\_\_\_\_

1003 f. Weeds Noxious weeds? \_\_\_\_\_

Comment: \_\_\_\_\_

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 \_\_\_\_\_

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			

S/A/V: SATISFACTORY Corrective Date: \_\_\_\_\_

Comment: \_\_\_\_\_

CA: \_\_\_\_\_

**Pits:**  NO SURFACE INDICATION OF PIT

Pit Type: Produced Water Lined: YES Pit ID: 259009 Lat: 40.889733 Long: -103.969390

**Lining:**

Liner Type: \_\_\_\_\_ Liner Condition: Inadequate

Comment: Liner is sagging and torn

**Fencing:**

Fencing Type: \_\_\_\_\_ Fencing Condition: \_\_\_\_\_

Comment: \_\_\_\_\_

**Netting:**

Netting Type: \_\_\_\_\_ Netting Condition: \_\_\_\_\_

Comment: \_\_\_\_\_

Anchor Trench Present: \_\_\_\_\_ Oil Accumulation: NO 2+ feet Freeboard: \_\_\_\_\_

Pit (S/AV): ACTION Comment: 3 produced H2O pits with attached skim pit. Liner is torn and sagging in places. Fluid level is below compromised liners.

Corrective Action: Repair and maintain liner Date: 09/12/2016

**Attached Documents**

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

Document Num	Description	URL
684901893	INSPECTION APPROVED	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3925426">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3925426</a>
684901894	FLIR video- heater treater	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3925369">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3925369</a>
684901895	Stained soil at wellhead	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3925370">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3925370</a>
684901896	Sagging pit liner	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3925371">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3925371</a>
684901899	Signage reflects prior operator	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3925373">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3925373</a>
684901900	Sagging pit liner	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3925374">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3925374</a>
684901901	Stained soil at loadout, low berms	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3925375">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3925375</a>
684901902	No contents, capacity, on production tanks	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3925376">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3925376</a>