

**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:

02/04/2019

Submitted Date:

02/04/2019

Document Number:

696100049

**FIELD INSPECTION FORM**Loc ID 317614 Inspector Name: Evins, Bret On-Site Inspection ☐ 2A Doc Num: \_\_\_\_\_**Operator Information:**

OGCC Operator Number: 10381

Name of Operator: TIDAL WAVE ENERGY INC

Address: 479 KINGSWOORD DRIVE

City: NEW CASTLE State: PA Zip: 16105

**Status Summary:**

- ☒ THIS IS A FOLLOW UP INSPECTION
- ☒ FOLLOW UP INSPECTION REQUIRED
- ☐ NO FOLLOW UP INSPECTION REQUIRED

**Findings:**

13 Number of Comments

10 Number of Corrective Actions

- ☒
- Corrective Action Response Requested

**ANY CORRECTIVE ACTION(S) FROM  
PREVIOUS INSPECTIONS THAT HAVE NOT  
BEEN ADDRESSED ARE STILL APPLICABLE****Contact Information:**

Contact Name	Phone	Email	Comment
Gomez, Jason		jason.gomez@state.co.us	
,		dnr_cogccengineering@state.co.us	
Allison, Rick		rick.allison@state.co.us	
Trujillo, Aaron		aaron.trujillo@state.co.us	
MacLaren, Joe		joe.maclaren@state.co.us	
Kneisl, Josef	(724) 494-5875	tidalwaveenergy@comcast.net	
Burn, Diana		diana.burn@state.co.us	
Pesicka, Conor		conor.pesicka@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	SI	03/01/2018	OW	123-07364	DOLAN RANCHES 13-27	TA
259009	PIT	AC	01/19/2001		-	DOLAN RANCHES 13-27	AC

**General Comment:**

This is a WELL &amp; BATTERY Inspection.

Follow-up inspection to FIR #684905023 dated 02/07/2018, &amp; FIR #691200477 dated 09/20/2018.

Refer to FIR #691200477 and/or Location ID #317614 for Battery / Facility, Equipment info.

0 of 10 Corrective Action items from previous FIR have been addressed.

10 of 10 CA items from previous FIR remain applicable with original CA dates.

**ANY CORRECTIVE ACTION(S) FROM PREVIOUS INSPECTIONS THAT HAVE NOT BEEN ADDRESSED ARE STILL APPLICABLE.**

**Location**

<b>Lease Road:</b>			
Type	Access		
comment:	Severe erosion with 2 to 3 foot deep ruts approximately 30 yards east of wellsite entrance cattle guard. See CA in the Stormwater section of this FIR.		
Corrective Action	L	Date:	

Overall Good: ☐

<b>Signs/Marker:</b>			
Type	BATTERY		
Comment:			
Corrective Action:		Date:	

Emergency Contact Number:

Comment:

Corrective Action:

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

**Good Housekeeping:**

Type	WEEDS		
Comment:	Weeds around battery area, wellsite area, and pit areas. Statewide unused equipment, weeds, waste, and trash requirements. Weeds (10 days). Refer to Rule 603.f for guidance.		
Corrective Action:	Remove, manage, & control weeds around entire location. Comply with Rule 603.f .	Date:	10/01/2018
Type	OTHER		
Comment:	Open bucket of oily waste found near crude oil tanks berms. Properly treat or dispose of oily waste in accordance with Rule 907.e. (30 Days).		
Corrective Action:	Properly treat or dispose of oily waste. Comply with Rule 907.e.	Date:	10/22/2018
Type	TRASH		
Comment:	Multiple areas of trash and debris around entire site. Statewide unused equipment, weeds, waste, and trash requirements. Trash (10 days). Refer to Rule 603.f for guidance.		
Corrective Action:	Remove trash & debris from entire location. Comply with Rule 603.f .	Date:	10/01/2018
Type	OTHER		
Comment:	Stained soil found in many areas near wellsite, treater site, tank site, skim tank and pit sites. Mechanical Conditions Securely fasten all valves, pipes, and fittings to ensure good mechanical condition, inspect at regular intervals and maintain in good mechanical condition per Rule 605.d. (30 days).		
Corrective Action:	Remove or remediate stained soil. Comply with Rule 605.d.	Date:	10/22/2018

Overall Good: ☐

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

In Containment: No

Comment:

☐ Multiple Spills and Releases?

<b>Equipment:</b>			corrective date
Type: Flow Line	#		
Comment:	Multiple unused production, gathering, and flowlines left unmarked / uncapped on location. Abandonment of Flowlines. Refer to Rule 1105 for guidance.		
Corrective Action:	File Form 44 Notice of flowlines abandonment. Complete flowline and crude oil transfer line abandonments to comply with Rule 1105.		Date: <u>10/22/2018</u>

**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: AC

Facility ID: 117878 Type: PIT API Number: - Status: AC Insp. Status: AC

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

**Idle Well**

Purpose: ☐ Shut In ☒ Temporarily Abandoned Reminder: \_\_\_\_\_

Comment: TA. COGCC records indicate SI since 03/2018. Pump jack & engine have been removed from wellsite. Wellhead valves are shut. Treater & tanks have been removed. Flowline is capped at treater house area. Well therefore incapable of being produced. Mechanical Integrity Testing (Temporarily Abandoned Wells) No current MIT on record or delinquent as required by Rule 326 (10 Days).

Corrective Action: Comply with Rule 326.  
Contact dnr\_cogccengineering@state.co.us with resolution plan regarding MIT or P&A.

Date: 10/01/2018

**BradenHead**

Comment: Bradenhead does NOT appear plumbed to surface.

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

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

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

## Reclamation - Storm Water - Pit

**Storm Water:**

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment
Gravel	Pass	Gravel	Fail			

Comment: Severe erosion with 2 to 3 foot deep ruts approximately 30 yards east of wellsite entrance cattle guard. Stormwater management. (30 Days). Refer to Rule 1002.f for guidance.

Corrective Action: Repair access road. Install or repair required BMPs per Rule 1002.f.

Date: 10/22/2018

**Pits:** ☐ NO SURFACE INDICATION OF PIT

Type: Produced Water      Lined: YES      Pit ID: 100335      Lat: 40.890358      Long: -103.968192

Reference Point: \_\_\_\_\_ Other: \_\_\_\_\_ Length: \_\_\_\_\_ Width: \_\_\_\_\_

**Lining:**

Liner Type: Other      Liner Condition: Inadequate

Comment: Pit liner has tears and is compromised. Pit lining not maintained. Refer to Rule 904 for guidance.

Corrective Action: Comply with Rule 904. Contact COGCC EPS staff for directives.

Date: 09/24/2018

**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: \_\_\_\_\_

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

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

Type: Produced Water      Lined: YES      Pit ID: 259009      Lat: 40.890222      Long: -103.967885

Reference Point: \_\_\_\_\_ Other: \_\_\_\_\_ Length: \_\_\_\_\_ Width: \_\_\_\_\_

**Lining:**

Liner Type: Other      Liner Condition: Inadequate

Comment: Pit liner has tears and is compromised. Pit lining not maintained. Refer to Rule 904 for guidance.

Corrective Action: Comply with Rule 904. Contact COGCC EPS staff for directives.

Date: 09/24/2018

**Fencing:**

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

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

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

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

**Netting:**

Netting Type:		Netting Condition:		
Corrective Action	Comment:			Date:
Anchor Trench Present:		Oil Accumulation: <u>NO</u>	2+ feet Freeboard: <u>YES</u>	
Corrective Action	Comment:			Date:
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: <u>Other</u>		Liner Condition: <u>Inadequate</u>		
Corrective Action	Comment:	Pit liner has tears and is compromised. Pit lining not maintained. Refer to Rule 904 for guidance.		Date: <u>09/24/2018</u>
	Comply with Rule 904. Contact COGCC EPS staff for directives.			
<u>Fencing:</u>				
Fencing Type:		Fencing Condition:		
Corrective Action	Comment:			
<u>Netting:</u>				
Netting Type:		Netting Condition:		
Corrective Action	Comment:			
Anchor Trench Present:		Oil Accumulation:	2+ feet Freeboard:	
Corrective Action	Comment:			

**Attached Documents**

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

Document Num	Description	URL
401929118	INSPECTION SUBMITTED	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4724730">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4724730</a>
696100051	Site photos	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4724729">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4724729</a>