

**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: 10381Name of Operator: TIDAL WAVE ENERGY INCAddress: 479 KINGSWOORD DRIVECity: 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 Comments10 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
Pesicka, Conor		conor.pesicka@state.co.us	
,		dnr_cogccengineering@state.co.us	
Burn, Diana		diana.burn@state.co.us	
Kneisl, Josef	(724) 494-5875	tidalwaveenergy@comcast.net	
Allison, Rick		rick.allison@state.co.us	
MacLaren, Joe		joe.maclaren@state.co.us	
Trujillo, Aaron		aaron.trujillo@state.co.us	
Gomez, Jason		jason.gomez@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 & BATTERY Inspection.

Follow-up inspection to FIR #684905023 dated 02/07/2018, & 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				
Lease Road:				
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: <input type="checkbox"/>				
Signs/Marker:				
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: <u>10/01/2018</u>
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: <u>10/22/2018</u>
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: <u>10/22/2018</u>
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: <u>10/01/2018</u>
Overall Good: <input type="checkbox"/>				
Spills:				
Type	Area	Volume		
In Containment: No				
Comment:				
<input type="checkbox"/> Multiple Spills and Releases?				

Equipment:			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: 117878 Lat: 40.890414 Long: -103.968579

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			
Anchor Trench Present:	Oil Accumulation:	2+ feet Freeboard:	
Comment:			
Corrective Action			
Type: <u>Produced Water</u>	Lined: <u>YES</u>	Pit ID: <u>259009</u>	Lat: <u>40.890222</u> Long: <u>-103.967885</u>
Reference Point: _____	Other: _____	Length: _____	Width: _____
Lining:			
Liner Type: <u>Other</u>		Liner Condition: <u>Inadequate</u>	
Comment:	<u>Pit liner has tears and is compromised. Pit lining not maintained. Refer to Rule 904 for guidance.</u>		
Corrective Action	<u>Comply with Rule 904. Contact COGCC EPS staff for directives.</u>		
	Date: <u>09/24/2018</u>		
Fencing:			
Fencing Type:		Fencing Condition:	
Comment:			
Corrective Action			
Netting:			
Netting Type:		Netting Condition:	
Comment:			
Corrective Action			
Anchor Trench Present:	Oil Accumulation: <u>NO</u>	2+ feet Freeboard: <u>YES</u>	
Comment:			
Corrective Action			
Permit:	Facility ID	Permit Num	Expiration Date
	259009	882412	
	259009	882412	

Attached Documents

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

Document Num	Description	URL
696100051	Site photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4724729