

**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:

03/31/2020

Submitted Date:

03/31/2020

Document Number:

696301631**FIELD INSPECTION FORM**Loc ID 317614 Inspector Name: PETRIE, ERICA 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:**18 Number of Comments11 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
Allison, Rick		rick.allison@state.co.us	
,		dnr_cogccengineering@state.co.us	
Kneisl, Josef	(724) 494-5875	tidalwaveenergy@comcast.net	
Binschus, Chris		chris.binschus@state.co.us	
Burn, Diana		diana.burn@state.co.us	
Kraich, Adam		adam.kraich@state.co.us	

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
239576	WELL	SI	03/01/2018	OW	123-07364	DOLAN RANCHES 13-27	TA

General Comment:

This is a WELL & BATTERY Inspection.

Follow-up inspection to FIR #696100049 dated 02/04/2019, #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 3 to 4 foot deep ruts approximately 30 yards South 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:	Adequate			
Corrective Action:				Date:
Emergency Contact Number:				
Comment:				
Corrective Action:				Date: _____
Good Housekeeping:				
Type	WEEDS			
Comment:	Weeds around battery area, wellsite area, and pit areas. See photos 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:	Stained soil found in many areas near wellsite, treater site, tank site, skim tank and pit sites. See photos 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; Per Rule 907.e. Comply with Rule 605.d.			Date: <u>10/22/2018</u>
Type	TRASH			
Comment:	Multiple areas of trash and debris around entire site. See photos 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>
Type	OTHER			
Comment:	Open bucket of oily waste found near crude oil tanks berms. See photos 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>
Overall Good: <input type="checkbox"/>				
Spills:				
Type	Area	Volume		
In Containment: No				
Comment:				
<input type="checkbox"/> Multiple Spills and Releases?				

Fencing/:			
Type	LOCATION		
Comment:	Barbed Wire		
Corrective Action:		Date:	

Equipment:			corrective date
Type: Bradenhead	# 1		
Comment:	Does not appear to be plumbed to surface 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:	Plumb bradenhead to surface. Comply with Rule 605.d.		Date: 10/22/2018
Type: Deadman # & Marked	# 4		
Comment:			
Corrective Action:			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: 10/22/2018
Type: Other	#		
Comment:	TA'd Wellhead		
Corrective Action:			Date:

Tanks and Berms:

Contents	#	Capacity	Type	Tank ID	SE GPS	
					40.890170,-103.957990	
Comment:	Production Tanks have been removed from Location					
Corrective Action:					Date:	

Paint

Condition		
Other (Content)		
Other (Capacity)		
Other (Type)		

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Comment:				
Corrective Action:				Date:

Venting:

Yes/No		
Comment:		
Corrective Action:		Date:

Flaring:			
Type			
Comment:			
Corrective Action:		Date:	

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Inspected FacilitiesFacility 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

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: Lat: 40.890414 Long: -103.968579

Reference Point: SE Other: Length: Width:

Lining:

Liner Type: Other Liner Condition: Adequate

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

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

Date: 09/24/2018

Fencing:

Fencing Type: Fencing Condition:

Comment:

Corrective

Date:

Netting:

Netting Type: Netting Condition:

Comment:

Corrective

Date:

Anchor Trench Present: Oil Accumulation: 2+ feet Freeboard:

Comment:

Corrective

Date:

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

Reference Point: SE 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 Comply with Rule 904. Contact COGCC EPS staff for directives.

Date:

Fencing:

Fencing Type: Fencing Condition:

Comment:

Corrective

Date:

Netting:

Netting Type: Netting Condition:

Comment:

Corrective Action		Date:	
Anchor Trench Present:	Oil Accumulation:	2+ feet Freeboard:	
Comment:			
Corrective			
Type: <u>Produced Water</u>	Lined: <u>YES</u>	Pit ID:	Lat: <u>40.890358</u> Long: <u>-103.968192</u>
Reference Point: <u>SE</u>	Other: _____	Length: _____	Width: _____
<u>Lining:</u>			
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	<u>Comply with Rule 904. Contact COGCC EPS staff for directives.</u>		
		Date:	<u>09/24/2018</u>
<u>Fencing:</u>			
Fencing Type:	Fencing Condition:		
Comment:			
Corrective			
		Date:	
<u>Netting:</u>			
Netting Type:	Netting Condition:		
Comment:			
Corrective			
		Date:	
Anchor Trench Present:	Oil Accumulation:	2+ feet Freeboard:	
Comment:			
Corrective			
		Date:	

COGCC Comments

Comment	User	Date
<p>COGCC Inspection Report Summary</p> <p>On Thursday 02/28/2020 and on 03/30/2020 at approximately 11:58, I, Inspector Erica Petrie, conducted a Field Inspection at Tidal Wave Energy INC. Dolan Ranches 13-27 at Location #317614 in Weld County, Colorado.</p> <p>While there, I observed Production Operations</p> <p>During this inspection the following possible compliance issues were observed:</p> <p>Stained Soil found in many areas near wellsite, treater site, tank site, skim tank and pit. See Photos, Properly treat or dispose of oily waste in accordance with Rule 907.e. Correction Action date of 10/22/2018</p> <p>Open bucket of oily waste found near the crude oil tanks berms. See photos. Properly treat or dispose of oily waste in accordance with Rule 907.e. Correction Action date of 10/22/2018</p> <p>Multiple areas of trash and debris around the entire site. Statewide unused equipment, weeds, waste, and trash requirements. Trash (10 days). Refer to Rule 603.f for guidance. Correction Action date of 10/01/2018</p> <p>Weeds around the Tank 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. Correction Action date of 10/01/2018</p> <p>Multiple unused production, gathering, and flowlines left unmarked / uncapped on location. Abandonment of Flowlines. Refer to Rule 1105 for guidance. File Form 44 Notice of flowlines abandonment. Complete flowline and crude oil transfer line abandonments to comply with Rule 1105. Correction Action date of 10/22/2018</p> <p>TA. COGCC records indicate SI since 03/2018. Pump jack & engine have been removed from the wellsite. Wellhead valves are shut. Treater & tanks have been removed. Flowline is capped at the Treater house area. Well therefore incapable of being produced.</p> <p>Mechanical Integrity Testing (Temporarily Abandoned Wells) No current MIT on record or delinquent as required by Rule 326 (10 Days). Comply with Rule 326. Contact dnr_cogccengineering@state.co.us with a resolution plan regarding MIT or P&A. Correction Action date of 10/01/2018</p> <p>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. Repair access road. Install or repair required BMPs per Rule 1002.f. Correction Action date of 10/22/2018</p> <p>Pit liners on all 3 Pits have tears and are compromised. Pit lining not maintained. Refer to Rule 904 for guidance. Comply with Rule 904. Contact COGCC EPS staff for directives. Correction Action date of 09/24/2018</p> <p>A follow up on this site inspection will be conducted to ensure the compliance issues have been corrected to comply with COGCC rules. This is a summary of the inspection report.</p>	petrie	03/31/2020

Attached Documents

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

Document Num	Description	URL
402358345	INSPECTION SUBMITTED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5111697
696301632	Photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5111639