

FORM
INSPRev
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 2A Doc Num: _____

Status Summary:

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

Operator Information:

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

Findings:

- 16 Number of Comments
6 Number of Corrective Actions
 Corrective Action Response Requested

Contact Information:

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

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:

Signs/Marker:

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:		Date:	
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:

Spills:

Type	Area	Volume		

In Containment: No

Comment:

Multiple Spills and Releases?

Fencing/:

Type	LOCATION		
Comment:	barbed wire		
Corrective Action:		Date:	

Equipment:

Type: Deadman # & Marked	# 4		corrective date
Comment:			
Corrective Action:		Date:	
Type: Vertical Heater Treater	# 1		
Comment:			
Corrective Action:		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: 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: AC

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

Facility 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

Spill/Remediation:

Comment:

Corrective Action: Date:

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 PIT

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

Reference Point: _____ Other: _____ Length: _____ Width: _____

Lining:

Liner Type: Plastic Liner Condition: Adequate

Comment:

Corrective Action

Date: c

Fencing:

Fencing Type: _____ Fencing Condition: _____

Comment:

Corrective Action

Date: _____

Netting:

Netting Type: _____ Netting Condition: _____

Comment:

Corrective Action

Date: _____

Anchor Trench Present: _____ Oil Accumulation: NO 2+ feet Freeboard: YES

Comment: Pit not updated to reflect current operator

Corrective Action Submit form 10

Date: 08/24/2017

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

Reference Point: _____ Other: _____ Length: _____ Width: _____

Lining:

Liner Type: Plastic Liner Condition: Inadequate

Comment: Blue 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>117878</u>
	Lat: <u>40.890414</u>	Long: <u>-103.968579</u>
Reference Point: _____	Other: _____	Length: _____
Width: _____		
Lining:		
Liner Type:	Liner Condition:	
Comment:	<u>Liner not maintaine</u>	
Corrective Action	<u>Reduce fluid level in pit, contact COGCC EPS staff for directives.</u>	Date: <u>08/15/2017c</u>
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:	<u>Pit not updated to reflect current operator</u>	
Corrective Action	<u>Submit form 10</u>	Date: <u>08/24/2017</u>

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
401382445	INSPECTION SUBMITTED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4233490
684904079	Site photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4233489