

**FORM  
INSP**Rev  
X/20**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:

10/20/2022

Submitted Date:

10/21/2022

Document Number:

702800838**FIELD INSPECTION FORM**Loc ID 313162 Inspector Name: O'Malley, Anna On-Site Inspection ☐ 2A Doc Num: ☐**Operator Information:**OGCC Operator Number: 10776Name of Operator: CROWHEART ENERGY LLCAddress: 1225 17TH STREET SUITE 2950City: DENVER State: CO Zip: 80202**Status Summary:**

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

**Findings:**8 Number of Comments4 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
Fiddes, Callie	(720) 738-9443	c.fiddes@crowheartenergy.com	<a href="#">All Inspections</a>
,		regulatory@crowheartenergy.com	<a href="#">All Inspections</a>

**Inspected Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
313162	LOCATION	AC			-	KALINE SWD-612N94W 23NENW	RI

**General Comment:**

On 10/20/2022, Reclamation Specialist O'Malley conducted an Interim Reclamation and Stormwater inspection at Crowheart Energy LLC's Kaline SWD-612N94W /23NENW Location #313162 in Moffat County, Colorado.

This is a follow up to inspection #702800692.

The following compliance issues were observed during this inspection:

- Tank battery signage does not comply with 605 Rules
- Trash/debris
- Interim Reclamation: Compaction alleviation not performed per 1003 Rules

Refer to the "Location," "Reclamation" and "Stormwater" sections of this inspection report for additional details.

Refer to the photo-documentation of the observed compliance issues attached to this report.

Any corrective action(s) from previous inspections that have not been addressed are still applicable.

A follow up inspection on this site will be conducted to ensure the compliance issues have been corrected to comply with COGCC rules.

**Location**Overall Good: ☐

<b>Signs/Marker:</b>			
Type	BATTERY		
Comment:	<p>It was observed in this inspection that battery signage does not comply with Rule 605; Telephone number for local emergency services (911 where available) and the public road used to access the tank battery site are not posted. Corrective action and date from inspection #701103420 remain applicable.</p> <p>Operator indicated signs "signs have been ordered and will be installed as soon as they come in" on 9/22/22.</p>		
Corrective Action:	<p>Comply with Rule 605.g.(3)</p> <p>Upon the Director's approval of a Form 9 the Buying Operator will have 60 days to replace or update all signs at the Oil and Gas Location so that the signs comply with Rule 605.</p>	Date:	09/10/2022

**Emergency Contact Number:**

Comment:	<p>1-800-967-2801</p> <p>It was observed in this inspection that the telephone number for local emergency services (911 where available) is not posted on battery sign. Corrective action and date from inspection #701103420 remain applicable.</p> <p>Operator indicated signs "signs have been ordered and will be installed as soon as they come in" on 9/22/22.</p>		
Corrective Action:	Install sign to comply with Rule 605.e.(2).C.	Date:	09/11/2022

Overall Good: ☐

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

In Containment: No

Comment: ☐ Multiple Spills and Releases?**Venting:**

Yes/No			
Comment:			
Corrective Action:		Date:	

**Flaring:**

Type		
Comment:		
Corrective Action:		Date:



**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 \_\_\_\_\_

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? \_\_\_\_\_ In \_\_\_\_\_

Comment

Previous inspection #702800692 observed liner material and miscellaneous metal debris was observed in the interim areas of the Location. Old anchor markers are also still present on ground and are now considered waste/debris. Operator submitted FIR Resolution #403174523 stating "Liner and other miscellaneous debris have been cleared."

It was observed in this inspection that previously observed trash debris has been cleared. This corrective action has been addressed. However, a few pieces of liner material remain. Operator shall continue to keep the Location free of trash.

Corrective Action

Comply with Rule 606.

Date 11/04/2022

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? In Production areas stabilized ? Pass1003c. Compacted areas have been cross ripped? Fail1003d. 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? Pass 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

It was observed in this inspection that Interim Reclamation is in process. Areas at the northwest and southeast have been ripped. Compaction alleviation does not appear to have been completed per 1003 Rules; soils appear to have been ripped in one direction, only and to an approximate maximum depth of 12 inches (30 cm). Per 1003 Rules, soils shall be "cross-ripped": "cross-rip" means passes should be overlapping. Ripping shall be undertaken to a depth of eighteen (18) inches.

Original corrective action and date remain applicable. Operator must perform compaction alleviation in accordance with 1003 Rules before proceeding with additional reclamation activities.

Corrective Action

Conduct Interim Reclamation in accordance with 1003 Rules. Perform compaction alleviation (cross-ripping to a depth of 18 inches).

Date 11/15/2022Overall Interim Reclamation In Process**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

Comment: [At the time of this inspection no stormwater issues were observed.](#)

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

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

**Pits:** ☒ NO SURFACE INDICATION OF PIT**Attached Documents**You can go to COGCC Images (<https://cogcc.state.co.us/weblink/>) and search by document number:

Document Num	Description	URL
403205139	INSPECTION SUBMITTED	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5893620">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5893620</a>
702800839	Inspection Photos	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5893619">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5893619</a>