

**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:

09/09/2022

Submitted Date:

09/13/2022

Document Number:

702800692**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:11 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
		regulatory@crowheartenergy.com	All Inspections
Longworth, Mike		michael.longworth@state.co.us	
Fiddes, Callie	(720) 738-9443	c.fiddes@crowheartenergy.com	All Inspections

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 09/09/2022, 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.

The following compliance issues were observed during this inspection:

- Tank battery signage does not comply with 605 Rules
- Trash/debris
- Location not progressing towards 1003 Interim Reclamation vegetation standards

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.

LocationOverall Good: ☐

Signs/Marker:			
Type	WELLHEAD		
Comment:	<p>Previous inspection #701103420 observed Operator name and phone number have not been updated.</p> <p>It was observed in this inspection that the Operator name and phone number have been updated on the wellhead sign.</p>		
Corrective Action:		Date:	
Type	BATTERY		
Comment:	<p>Previous inspection #701103420 observed Operator name and phone number have not been updated. Inspector required Operator to comply with Rule 605.g.(3) 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> <p>It was observed in this inspection that the Operator name has been updated and the emergency number has been updated and is in service. However, 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. Original corrective action and date remain applicable.</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>Previous inspection #701103420 observed telephone number for local emergency services (911 where available) are not posted on battery sign. Inspector required Operator to install sign to comply with Rule 605.e.(2).C.</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. Original corrective action and date remain applicable. Refer also to "Battery" corrective action to comply with Rule 605.</p>	
Corrective Action:	Install sign to comply with Rule 605.e.(2).C.	Date: 09/11/2022

Good Housekeeping:

Type	WEEDS		
Comment:	<p>Previous inspection #701103420 observed weeds and dead weed debris on location. Inspector required Operator to comply with Rule 606. Operator submitted FIR Resolution #403134799 stating weeds have been cleared.</p> <p>It was observed in this inspection that some weeds on Location appear to have been cleared. This corrective action has been addressed. However, weeds are still the dominant cover in the interim areas of the Location. Refer to the "Reclamation" section of this inspection report for interim reclamation corrective action.</p>		
Corrective Action:		Date:	

Overall Good: ☐

Spills:			
Type	Area	Volume	
In Containment:	No		
Comment:			
<input type="checkbox"/> Multiple Spills and Releases?			

Equipment:			corrective date
Type: Deadman # & Marked	#		
Comment:	<p>Previous inspection #701103420 observed unmarked deadmen. Inspector required Operator to install proper guy line markers per Rule 1003.a.</p> <p>It was observed in this inspection that deadman have been marked. This corrective action has been addressed.</p>		
Corrective Action:		Date:	

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 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? **Fail**

Comment

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.

Corrective Action

Comply with Rule 1003.a and Rule 606.

Date **09/20/2022**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

Previous inspection #701103420 observed unmarked deadmen. Inspector required Operator to install proper guy line markers per Rule 1003.a.

It was observed in this inspection that deadman have been marked. This corrective action has been addressed.

Corrective Action _____

Date _____

1003b. Area no longer in use? _____ Production areas stabilized ? Pass

1003c. Compacted areas have been cross ripped? _____

1003d. 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? FailProduction areas have been stabilized? Pass

Segregated soils have been replaced? _____

RESTORATION AND REVEGETATIONCropland

Top soil replaced _____

Recontoured _____

Perennial forage re-established _____

Non-Cropland

Top soil replaced _____

Recontoured _____

80% Revegetation Fail

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 vegetation in the interim areas of the Location is not progressing towards 1003 standards. Interim areas are dominated by bare soil. The plant community is dominated by kochia, clasping pepperweed and annual wheatgrass (annual, undesirable plant species). Halogeton (CO List C Noxious Weed) is also occasionally present. Native shrubs are scattered. Western wheatgrass and Sandberg bluegrass (native perennial grasses) are rare. Overall seeding of perennial grasses appears to have largely failed. Sparse areas of establishment are present among large areas with no perennial grasses.

Corrective Action

Comply with the 1003 interim reclamation rules. Establish total perennial, non-invasive uniform plant cover of at least eighty (80) percent of pre-disturbance or reference area levels. Revegetation activities shall be completed no later than 11/15/2022

Date 11/15/2022Overall Interim Reclamation Fail**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 ☐**Attached Documents**You can go to COGCC Images (<https://cogcc.state.co.us/weblink/>) and search by document number:

Document Num	Description	URL
403164696	INSPECTION SUBMITTED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5858765
702800693	Inspection Photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5858750