

**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:

08/29/2022

Submitted Date:

08/30/2022

Document Number:

702800610

FIELD INSPECTION FORMLoc ID 313190 Inspector Name: O'Malley, Anna On-Site Inspection ☐ 2A Doc Num: _____**Operator Information:**

OGCC Operator Number: 10776

Name of Operator: CROWHEART ENERGY LLC

Address: 1225 17TH STREET SUITE 2950

City: DENVER State: CO Zip: 80202

Status Summary:☐ THIS IS A FOLLOW UP INSPECTION☒ FOLLOW UP INSPECTION REQUIRED☐ NO FOLLOW UP INSPECTION REQUIRED**Findings:**

7 Number of Comments

3 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
Kaylene Gardner		k.gardner@crowheartenergy.com	All Inspections
Rebecca Cash		r.cash@crowheartenergy.com	All Inspections
Callie Fiddes		c.fiddes@crowheartenergy.com	All Inspections

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
271331	WELL	PA	05/27/2021	GW	081-07173	BAKERS PEAK UNIT 2	RI
313190	LOCATION	CL			-	BAKERS PEAK UNIT-611N91W 12SWSE	RI

General Comment:

On 08/29/2022, Reclamation Specialist O'Malley conducted a Final Reclamation and Stormwater inspection at Crowheart Energy LLC's Bakers Peak Unit-611N91W /12SWSE Location #313190 in Moffat County, Colorado.

The following compliance issues were observed during this inspection:

- Noxious Weeds
- Final Reclamation not performed
- Stormwater: gully erosion

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: ☐

Emergency Contact Number:

Comment: Corrective Action: Date: **Good Housekeeping:**

Type	WEEDS		
Comment:	Noxious weeds and undesirable plant species were observed to be widespread on the Location and access road. Species include bull thistle, Canada thistle, houndstongue (List B Noxious), cheatgrass (List C Noxious), alyssum, bur buttercup, tall tumblemustard, field brome and prostrate knotweed (annual undesirable plant species/weeds).		
Corrective Action:	Comply with Rules 606 and 1004.e. Conduct weed management to prevent further establishment and spread of Noxious Weeds and Undesirable Plant Species. Any dead weeds left are considered debris and require removal in accordance with 606 rules. Ongoing weed management required until location passes final reclamation.		Date: 09/04/2022

Overall Good: ☐**Spills:**

Type	Area	Volume		
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In Containment: No

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

Yes/No			
Comment:			
Corrective Action:		Date:	

Flaring:

Type		
Comment:		
Corrective Action:		Date:

Inspected Facilities									
Facility ID:	<u>271331</u>	Type:	<u>WELL</u>	API Number:	<u>081-07173</u>	Status:	<u>PA</u>	Insp. Status:	<u>RI</u>
Facility ID:	<u>313190</u>	Type:	<u>LOCATION</u>	API Number:	<u>-</u>	Status:	<u>CL</u>	Insp. Status:	<u>RI</u>

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? _____

Comment _____

Corrective Action _____

Date _____

Unused or unneeded equipment onsite? _____

Comment _____

Corrective Action _____

Date _____

Pit, cellars, rat holes and other bores closed? _____

Comment _____

Corrective Action _____

Date _____

Guy line anchors marked? _____

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 REVEGETATIONCropland

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 **Fail** Contoured **Fail** Culverts removed _____

Gravel removed **Fail**

Location and associated production facilities reclaimed **Fail** Locations, facilities, roads, recontoured **Fail**

Compaction alleviation **Fail** Dust and erosion control **Fail**

Non cropland: Revegetated 80% **Fail** Cropland: perennial forage _____

Weeds present **Fail** Subsidence _____

1004.d. FINAL VEGETATION TRANSECT

TRANSECT RESULTS OF DISTURBED AREA% _____

TRANSECT RESULTS OF REFERENCE AREA% _____

TOTAL % OF DESIRABLE VEGETATION COVER _____

VEGETATIVE COVER _____

Comment:

	<p>Refer to the "Location section" of this inspection report for weed control corrective action.</p> <p>It was observed in this inspection that Final Reclamation has not been performed. The Location remains; no recontouring has been performed, cut and fill slopes remain, the pad and road surface are flat, compacted and graveled. Per document #402706440 well PA 5/27/21. Per 1004 Rules Final Reclamation was required to be completed by 5/27/22. This date is being given as the corrective action date. Note, reclamation must be performed on the road and working pad as well as on areas adjacent to the working pad which were previously disturbed during construction. These areas have not been properly reclaimed and are a monoculture of cheatgrass.</p>	
Corrective Action:	<p>Conduct Final Reclamation in accordance with 1004 Rules. Final Reclamation includes but is not limited to gravel removal, compaction alleviation (cross ripping to a minimum depth of 18 inches), recontouring/regrading, replacement of topsoil, and revegetation activities on the Location and access road. Use a seed mixture provided by the surface owner, or a mixture prescribed by the local soil conservation district.</p>	Date 05/27/2022
Overall Final Reclamation Fail Well Release on Active Location <input type="checkbox"/> Multi-Well Location <input type="checkbox"/>		

Storm Water:

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment

Comment: It was observed in this inspection that a gully with unstable sides and an active headcut is present at the southwest of the pad.

Corrective Action: Install or repair required control measures to stabilize soils per Rule 1002.f.

Date: 09/29/2022

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
702800611	Inspection Photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5843286