

**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:

07/19/2022

Submitted Date:

07/22/2022

Document Number:

696203878

FIELD INSPECTION FORM

Loc ID 312452	Inspector Name: Trujillo, Aaron	On-Site Inspection <input type="checkbox"/>	2A Doc Num: _____	Status Summary: <input type="checkbox"/> THIS IS A FOLLOW UP INSPECTION <input checked="" type="checkbox"/> FOLLOW UP INSPECTION REQUIRED <input type="checkbox"/> NO FOLLOW UP INSPECTION REQUIRED
Operator Information: OGCC Operator Number: 10433 Name of Operator: LARAMIE ENERGY LLC Address: 1700 LINCOLN ST STE 3950 City: DENVER State: CO Zip: 80203				Findings: 4 Number of Comments 2 Number of Corrective Actions <input checked="" type="checkbox"/> 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
, Laramie		cogccnotifications@laramie-energy.com	All Inspections
		Benjamin.Boudreaux@coag.gov	

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
221641	WELL	PA	01/15/2018	GW	077-08243	SPARKS 36-4	RI
312452	LOCATION	AC			-	SPARKS-69S95W 36SWSE	RI

General Comment:

On 7/19/2022, Reclamation Specialist Trujillo conducted a final reclamation inspection at Laramie Energy LLC's Sparks 36-4 location in Mesa County, Colorado.

The following compliance issues were observed during this inspection:

- Final Reclamation
- Noxious Weeds

Refer to the "Reclamation" and "Good Housekeeping" 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:	It was observed in this inspection that ongoing weed monitoring/management to control noxious weeds has been inadequate on the Location; Jointed Goatgrass (<i>Aegilops cylindrica</i>) has established throughout the majority of the site, creating an invasive monoculture outcompeting desirable plant species; plants have matured and seeds have already shattered/spread; infestation likely due to impacted mulch used during reclamation. Ongoing weed management, and additional reclamation work will be required.		
Corrective Action:	Comply with Rules 1004.e and 606.c. Collaborate with an expert to determine appropriate strategies in order to manage weeds, and implement ongoing weed management efforts in order to control, contain and prevent the further spread and establishment of Undesirable and Noxious Plant species both on, and from the Location.		Date: <u>07/19/2022</u>

Overall Good: ☐**Spills:**

Type	Area	Volume		
------	------	--------	--	--

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:	221641	Type:	WELL	API Number:	077-08243	Status:	PA	Insp. Status:	RI
Facility ID:	312452	Type:	LOCATION	API Number:	-	Status:	AC	Insp. Status:	RI

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 _____ 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% **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:

	Resolution shows reclamation work was performed 5/6/2021; Location is within its second growing season. It was observed in this inspection that Jointed Goatgrass (<i>Aegilops cylindrica</i>) has established throughout the majority of the site, creating an invasive monoculture outcompeting desirable plant species; additional reclamation work required to ensure site progresses towards an 80%, uniform desirable perennial vegetative establishment. See "Good Housekeeping" for corrective action regarding noxious weed management.	
Corrective Action:	Comply with 1004 rules and conduct additional reclamation. Implement best management practices and strategies to ensure site progresses towards COGCC 1004 requirements, including an 80% uniform, desirable perennial revegetation standard. Conduct ongoing monitoring/management efforts until site receives a passing final reclamation inspection. A CA date of 11/15/2022 is being provided to allow operator to implement initial weed management strategies prior to reclamation efforts.	Date 11/15/2022
Overall Final Reclamation	Fail	Well Release on Active Location <input type="checkbox"/> Multi-Well Location <input type="checkbox"/>

Attached Documents

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

Document Num	Description	URL
403113611	INSPECTION SUBMITTED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5810333
696203879	Jointed Goatgrass fact sheet	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5810325
696203880	Inspection Photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5810326