

**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:

11/12/2024

Submitted Date:

12/02/2024

Document Number:

718100019

FIELD INSPECTION FORMLoc ID 487592 Inspector Name: Trujillo, Aaron On-Site Inspection ☐ 2A Doc Num: _____**Operator Information:**

ECMC Operator Number: 10433

Name of Operator: LARAMIE ENERGY LLC

Address: 1700 LINCOLN ST STE 3950

City: DENVER State: CO Zip: 80203

Status Summary:

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

Findings:

20 Number of Comments

12 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
Arauz, Steven		steven.arauza@state.co.us	
, Laramie		cogccnotifications@laramie-energy.com	All Inspections

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
487592	LOCATION	AC	08/16/2024		-	Laramie 0993-29-01	CI

General Comment:

On 11/12/2024, Western Reclamation Work Lead Trujillo conducted an inspection at Laramie Energy LLC's Laramie/0993-29-01 Location in Mesa County, Colorado.

Location is within the following High Priority Habitats: Elk Winter Concentration Area.

This inspection is a follow-up to #696206339 to document compliance with the following corrective actions:

-Signage requirements

This inspection is also in response to FIRR #403946995 and #403946762 stating CAs have been completed; it was observed in this inspection that the CAs have been resolved.

The following new compliance issues were observed during this inspection:

-2A permit requirements including Stormwater, and Topsoil protections

-Stormwater- Stabilization/tracking

-Signage requirements

Due to technical difficulties, inspector was unable to submit this inspection report within an appropriate timeframe- Operator was provided notice of the compliance issues and corrective action requirements in an email on 11/15/2024.

Refer to the Location, Location Construction, 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 inspection that have not been addressed are still applicable.

LocationOverall Good: ☐**Signs/Marker:**

Type			
Comment:	The Location sign has not been maintained and is currently lying in a gully. The sign will require maintenance and posting at the location entrance to comply with Rule 605.a.		
Corrective Action:	Comply with Rule 605.a	Date:	11/19/2024
Type	OTHER		
Comment:	Form 2A permit posted in tube connected to Location sign.		
Corrective Action:		Date:	
Type	OTHER		
Comment:	Signage pursuant to Rule 406.d has been installed at the intersection of the lease road and the public road providing access to the Oil and Gas Location		
Corrective Action:		Date:	

Emergency Contact Number:

Comment: 1-800-891-6191 / 911

Corrective Action:

Date: _____

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:

Location Construction

Location ID: 487592

CDP: _____

Comment: Pursuant to the Form 2A Location permit, the size of the location during construction is NTE 9.4 acres. With use of a sUAS, it was determined that the Location is within the permitted disturbance area.

Corrective Action:

Date: _____

Form 2A COAs:

Comment:

Corrective Action:

Date: _____

Wildlife BMPs:

Comment:

Corrective Action:

Date:**Stormwater:**

Erosion BMPs	Present	Other BMPs	Present
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	No		
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Comments: Erosion BMPs: Pursuant to Operator's Form 2A permitted SWMP and Layout Drawing, slope drains (Flex Pipe with rock armor inlet/outlet) will be installed on the southwest and west ends of the working pad surface (leading to a stormwater diversion ditch and sediment trap).

It was observed in this inspection that the BMPs have not been installed pursuant to the Form 2A permitted SWMP and Layout Drawing.

Other BMPs:

Corrective Action: Install or repair BMPs pursuant to Rule 1002.f, the Form 2A permitted SWMP and Layout Drawing

Date: 11/19/202

4

	No		
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Comments: Erosion BMPs: Pursuant to Operator's Form 2A permitted SWMP and Layout Drawing, a sediment trap will be installed with engineered inlet/outlet protections on the southwest end of the Location.

It was observed in this inspection that the sediment trap has not been installed with engineered inlet or outlet protections pursuant to the Form 2A permitted SWMP and Layout Drawing.

Other BMPs:

Corrective Action: Install or repair BMPs pursuant to Rule 1002.f, the Form 2A permitted SWMP and Layout Drawing

Date: 11/19/202

4

DITCHES	No		
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Comments: Erosion BMPs: Pursuant to Operator's Form 2A permitted SWMP and Layout Drawing, a stormwater diversion ditch will be installed along the access road.

It was observed in this inspection that the BMP has not been installed.

Other BMPs:

Corrective Action: Install or repair BMPs pursuant to Rule 1002.f, the Form 2A permitted SWMP and Layout Drawing

Date: 11/19/202

4

	No		
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Comments: Erosion BMPs: Cut and fill slopes of the Location are bare and exposed soils. BMPs to stabilize, as well as to minimize erosion and degradation are missing or insufficient.

Other BMPs:

Corrective Action: Install or repair BMPs at the cut/fill slopes pursuant to Rule 1002.f

Date: 11/19/202

4

	No		
Comments:	Erosion BMPs:	Pursuant to Operator's Form 2A permitted SWMP and Layout Drawing, a 24" culvert in conjunction with sediment traps at the inlet and outlet will be installed at the location entrance. It was observed in this inspection that the BMPs have not been installed.	
	Other BMPs:		
Corrective Action:		Install or repair BMPs pursuant to Rule 1002.f, the Form 2A permitted SWMP and Layout Drawing	Date: 11/19/2024
DITCHES	No		
Comments:	Erosion BMPs:	Pursuant to Operator's Form 2A permitted SWMP and Layout Drawing, a "v-ditch" will be installed along the perimeter of the Working Pad Surface. It was observed in this inspection that the BMP has not been installed.	
	Other BMPs:		
Corrective Action:		Install or repair BMPs pursuant to Rule 1002.f, the Form 2A permitted SWMP and Layout Drawing	Date: 11/19/2024
DITCHES	No		
Comments:	Erosion BMPs:	Pursuant to Operator's Form 2A permitted SWMP and Layout Drawing, the stormwater diversion ditch along the western perimeter of the Location will connect and divert stormwater into the sediment trap on the southwest corner of the Location. Rock Checks to reduce flow velocity and minimize erosion will also to be implemented within the diversion ditches.	
	Other BMPs:	It was observed in this inspection that the ditch is incomplete and does not divert stormwater into sediment trap, and check dams have not been installed pursuant to the Form 2A permitted SWMP and Layout Drawing.	
Corrective Action:		Install or repair BMPs pursuant to Rule 1002.f, the Form 2A permitted SWMP and Layout Drawing	Date: 11/19/2024
		Vehicle Tracking	No
Comments:	Erosion BMPs:	It was observed in this inspection that the Working Pad Surface and Access road lacks stabilization. BMPs, including tracking controls to stabilize, as well as to minimize degradation, tracking and transport of sediment are missing or insufficient.	
	Other BMPs:		
Corrective Action:		Install or repair tracking and erosion control BMPs pursuant to Rule 1002.f	Date: 11/19/2024
DITCHES	No		
Comments:	Erosion BMPs:	Pursuant to Operator's Form 2A permitted SWMP and Layout Drawing, the stormwater diversion ditch along the southeastern perimeter of the Location will connect and divert stormwater into the sediment trap on the southwest corner of the Location (via a culvert). Rock Checks to reduce flow velocity and minimize erosion will also to be implemented within the diversion ditches.	
	Other BMPs:	It was observed in this inspection that the ditch is incomplete and does not divert stormwater into sediment trap via culvert, and rock checks have not been installed pursuant to the Form 2A permitted SWMP and Layout Drawing.	
Corrective Action:		Install or repair BMPs pursuant to Rule 1002.f, the Form 2A permitted SWMP and Layout Drawing	Date: 11/19/2024

No

Comments: Erosion BMPs:

Pursuant to Operator's Form 2A permitted SWMP and Layout Drawing, two 24" Culverts will be installed along the access road- one that discharges to a stockpond, and a second to be installed between the stockpond culvert and the Location entrance; BMP is to be installed in conjunction with a "Trap w/ rock armored rundown".

Other BMPs:

It was observed in this insepction that the 2nd 24" Culvert in conjunction with "Trap w/ rock armored rundown" has not installed pursuant to the Form 2A permitted SWMP and Layout Drawing.

Corrective Action: Install or repair BMPs pursaunt to Rule 1002.f, the Form 2A permitted SWMP and Layout Drawing

Date: 11/19/2024

4

Comment:**Corrective
Action:****Date:****On Site Inspection (305):****Surface Owner Contact Information:**

Name: _____

Address: _____

Phone Number: _____

Cell Phone: _____

Operator Rep. Contact Information:

Landman Name: _____

Phone Number: _____

Date Onsite Request Received: _____

Date of Rule 306 Consultation: _____

Request LGD Attendance: _____

LGD Contact Information:

Name: _____

Phone Number: _____

Agreed to Attend: _____

Summary of Landowner Issues:**Summary of Operator Response to Landowner Issues:****Onsite Inspection Memorandum Summarizing Discussions at Inspection as Attachment:**

Inspected Facilities									
Facility ID:	487592	Type:	LOCATION	API Number:	-	Status:	AC	Insp. Status:	CI
The subreport 'InspWellFlowline' could not be found at the specified location \\10.14.12									

Environmental					
Waste Management:					
Type	Management	Condition	GPS (Lat) (Long)		
Drill Cuttings					
Comment	<p>Pursuant to Form 2A #403325444, drill cuttings will be disposed onsite via a cuttings trench. Cuttings trench has been constructed on the east end of the Location.</p> <p>Pursuant to Rule 908.c, Operators will submit a Form 15 within 30 days after constructing a cuttings trench approved on a Form 2A.</p> <p>No Form 15 to permit the cuttings trench has been submitted at this time. Including area EPS for notification purposes.</p>				
Corrective Action					Date:
Spill/Remediation:					
Comment:					
Corrective Action:					Date: _____
Emission Control Burner (ECB): _____					
Comment:					
Pilot: _____	Wildlife Protection Devices (fired vessels): _____				

Reclamation - Storm Water - Pit**Interim Reclamation:**

Date Interim Reclamation Started: _____ Date Interim Reclamation Completed: _____

Land Use: RANGELAND

Comment: _____

1002 SITE PREPARATION AND STABILIZATION

1002a. FENCING _____

Comment _____

Corrective Action _____

Date _____

1002b. SOIL REMOVAL AND
SEGREGATION

Pass

Comment

With use of a sUAS, it was determined that Operator salvaged approximately 9,296 cubic yards of topsoil material. This averages to an average depth of 9.66 inches of topsoil salvaged throughout the Location.

Corrective Action _____

Date _____

1002c. PROTECTION OF SOILS _____ Fail

Comment

It was observed in this inspection that BMPs to protect, as well as to minimize erosion, degradation and sediment transport are missing from the topsoil stockpile along the access road; stockpile is currently bare and at risk to wind and water erosion.

It was also observed that erosion logs to minimize sediment transport have been implemented at the base of the topsoil stockpile on the north/northeast end of the Location; however BMPs to protect, as well as to minimize erosion and degradation are insufficient at this stockpile; soils are bare and at risk to wind and water erosion.

Corrective Action

Comply with Rule 1002.c, 1002.f and Form 2A topsoil protection permit requirements

Date 11/19/2024

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: RANGELAND

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 ECMC Images (<https://ecmc.state.co.us/weblink/>) and search by document number:

Document Num	Description	URL
718100020	Annotation and Issue Report	https://ecmc.state.co.us/weblink/DownloadDocumentPDF.aspx?DocumentId=6808040
718100021	Inspection Photos	https://ecmc.state.co.us/weblink/DownloadDocumentPDF.aspx?DocumentId=6808041