

Carrier BCU 0993-16-07

Local Government Consultation Mesa County



**Laramie Energy, LLC
760 Horizon Drive, Suite 101
Grand Junction, CO 81506**



LOCAL GOVERNMENT SITING INFORMATION - CECMC RULE 304.b.(1)

LOCAL GOVERNMENT – CONTACT INFORMATION

MESA COUNTY COMMUNITY DEVELOPMENT DEPARTMENT – PLANNING DIVISION		
(970) 244-1636 www.mesacounty.us/planning	200 S. Spruce Street Grand Junction, CO 81502	Department 5022 P.O. Box 20,000 Grand Junction, CO 81502
Jeff Hofman – Oil and Gas Contact Planner Jeff.hofman@mesacounty.us		

ADVANCE NOTIFICATION – CECMC RULE 302.e., 303.e.(2), and 303.e.(3)

Mesa County is the relevant local government with jurisdiction over the siting of this proposed oil and gas location, the Currier BCU 0993-16-07, well pad. Advance Notice was sent to Mesa County’s Community Development Department, notifying Mesa County of Laramie’s intentions to submit an Oil and Gas Development Plan (OGDP), titled 2023 Currier BCU 0993-16-07 OGDP, to the Colorado Energy & Carbon Management Commission (CECMC). The notification included details regarding proposed operations at the Currier BCU 0993-16-07. The notice letter was sent on June 14, 2023, to Mesa County pursuant to CECMC Rule 302.e. The letter was received by Mesa County on June 20, 2023. The Advance Notice Letter is provided in **Attachment 1**.

CONSULTATION SUMMARY

Laramie contacted Mesa County in December of 2021 to discuss the permitting requirements of Oil and Gas locations in Mesa County. Laramie regulatory staff discussed the proposed operations for well pads in the Plateau Valley area of Mesa County and inquiries about possible county permitting requirements. Mesa County Planning Staff discussed conditions for Oil and Gas Locations, including hauling permits overweight/oversize transportation vehicles and notification to the local fire department.

On May 15th, 2023, Laramie invited Mesa County to a Pre-Application Onsite scheduled for June 12, 2023, and provided information regarding the proposed well pad. On June 6, 2023, Laramie emailed a packet of maps and layout drawings prior to the onsite.

A Pre-Application Onsite was conducted on June 12, 2023. Attendees included two Mesa County representative, BLM, CPW, WestWater, Laramie representatives, Moody Construction (construction contractor), and D.R. Griffin & Associates, Inc (engineering and surveyor consultant). All attendees received an onsite packet which included: preliminary Layout Drawings (dated 06/09/23), aerial imagery figure with proposed well pad and access road, two hydrology maps, High Priority Habitat (wildlife) map, Leasehold Mineral Development Map, Vicinity Map, and proposed pipeline figure.

**Currier BCU 0993-16-07
Local Government Consultation – Mesa County
CECMC Rule 304.b.(1) and Rule 302**



Draft onsite notes, summarizing discussion, information, and action items, were emailed to Mesa County on June 13, 2023. On June 20, 2023, Laramie emailed the finalized onsite notes (**Attachment 2**).

Below is a timetable of communication with Mesa County Community Development Department and Laramie.

DATE	COMMUNICATION
December 2021	Initial contact with Mesa County Community Development Department on general requirements for permitting a well pad within Mesa County, Colorado
May 15, 2023	Laramie emails an invite for a Pre-Application Onsite to be held on June 12, 2023.
June 12, 2023	Mesa County attends Pre-Application Onsite at the Currier BCU 0993-16-07 location.
June 13, 2023	Laramie emails draft onsite summary notes, requesting regulatory agencies to provide any comments.
June 14, 2023	Advance Notice sent (via certified mail and email) to Mesa County's Community Development Department, notifying Mesa County of Laramie's intentions to submit an OGDG.
June 20, 2023	Laramie emails finalized onsite summary notes (Attachment 2).
June 20, 2023	Mesa County receives Advance Notice via certified mail.
June 28, 2023	Laramie submits the Currier BCU 0993-16-07 Mesa County Oil & Gas Location Application. Laramie emails Mesa County Planning Staff to notify that an Oil & Gas Location Application has been submitted.
July 10, 2023	The Land Development Application Public Notice sign for the application (PRO2023-0191) was posted at the entrance of the existing lease road, on July 10, 2023. Public notice must be posted for 15 days. (Photos 1 & 2)
July 25, 2023	Mesa County Community Development Department issues a permit (Oil and Gas Site Location Document) for PRO2023-0191 with special conditions. Mesa County states no public comments were received.

LOCAL GOVERNMENT PERMITTING – CECMC RULE 302

Per the Mesa County Land Development Code *Table 6-1: Use Table* and *Section 6.02(Q)*, "Oil and Gas Drilling" is an allowed use in the Agricultural, Forestry, Transitional (AFT) zone district. The subject parcel is designated by Mesa County as AFT zone district. The Currier BCU 0993-16-07 meets all the Mesa County zoning setback requirements for the AFT zone district.

Currier BCU 0993-16-07
Local Government Consultation – Mesa County
CECMC Rule 304.b.(1) and Rule 302



While Oil and Gas Drilling is an allowed use, Oil and Gas Locations must be permitted within Mesa County. Laramie submitted an Oil and Gas Location Application to Mesa County on June 28, 2023. Mesa County assigned “PR02023-0191” as the project number for the application. The Land Development Application Public Notice sign for the application was posted on the subject parcel, at the entrance to the Currier BCU 0993-16-07 on July 10, 2023. The public notice signed was posted for more than 15 days. The Mesa County application is attached to the Form 2A as “Local Final Permit Decision”.



**Photos 1 & 2: Mesa County Public Notice Posting for PR02023-0191
Intersection of HWY 330E & Private Lease Road**

The Mesa County Community Development Planning Division issued the Oil and Gas Site Location Approval Document on July 25, 2023, with conditions for operations. Mesa County states no public comments were received. The Mesa County Permit is attached to the Form 2A as “Local Final Permit Decision”.

The Plateau Valley Fire Protection District did provide agency comment on July 19, 2023, stating “We have received the preliminary paper work from Laramie for the proposed access and their access will be more than adequate for our trucks and equipment to access the proposed well pad.”

Currier BCU 0993-16-07
Local Government Consultation – Mesa County
CECMC Rule 304.b.(1) and Rule 302



Laramie agrees to the conditions set forth by Mesa County. Special conditions are listed below:

MESA COUNTY – OIL & GAS SITE LOCATION APPROVAL DOCUMENT SPECIAL CONDITIONS
The operator shall be responsible for obtaining any necessary Extra-Legal and Extra-Ordinary transportation permits for Mesa County roads. These permits shall include those needed for contractors and subcontractors working for the operator. These permits can be obtained from the Mesa County Department of Public Works, Division of Transportation (970.244.1765).
The operator shall notify the Plateau Valley Fire District (970.268.5283) of the site location and provide a schedule of when the site development, drilling and completion will likely occur to facilitate any necessary emergency service response.
Repair of damage to Mesa County Roads, incurred as a direct result of site preparation, drilling and completion operations, will be the responsibility of the applicant. This includes but is not limited to the removal of debris deposited onto the roadway by vehicles entering the roadway from drilling locations. O&G Site
Permanent structures/facilities shall be painted or otherwise treated to blend with the surrounding area.



ATTACHMENT 1

Advance Notice Letter



Laramie Energy LLC
1700 Lincoln Street, Suite 3950
Denver, Colorado 80203

TEL: (303) 339-4400

SENT VIA CERTIFIED MAIL -RETURN RECEIPT REQUESTED AND E-MAIL

June 14, 2023

Relevant Local Government – Mesa County Contact Information

Mesa County Community Development Department
Jeff Hofman – Oil and Gas Contact Planner
Jeff.hofman@mesacounty.us
Department 5022
P.O. Box 20,000
Grand Junction, CO 81502-5001

CERTIFIED MAIL NO. 7019 2280 0000 7683 3316

Re: Advance Notice of Laramie Energy 2023 Currier BCU 0993-16-07 Oil and Gas Development Plan

Dear Mr. Hofman:

Laramie Energy, LLC (Laramie) (Operator # 10433) plans to submit an Oil and Gas Development Plan for approval by the Colorado Oil and Gas Conservation Commission (COGCC) in no less than thirty (30) days. The *Laramie Energy 2023 Currier BCU 0993-16-07 Oil and Gas Development Plan* (OGDP), proposes the development and construction of one (1) well pad located within Mesa County, Colorado for the development of 23 new directional wells.

The contact person and address information for Laramie Energy, LLC is:

Wayne P. Bankert, Regulatory and Environmental Manager
Laramie Energy, LLC
760 Horizon Drive, Suite 101
Grand Junction, Colorado 81506
Office: 970-812-5310
Mobile: 970-985-5383
E-mail: wbankert@laramie-energy.com

Laramie Energy, LLC
1700 Lincoln Street, Suite 3950
Denver, Colorado 80203
Phone: 303-339-4400

The following information sheets prepared by the COGCC are enclosed for your information and use:

- Procedural Steps for the Review of OGDPs (as required by COGCC Rule 303.e(2).C);
- Public Comments (as required by COGCC Rule 303.e(2).D);
- Hydraulic Fracturing Treatment (as required by COGCC Rule 303.e(2).E); and
- OGDP Status Information (as required by COGCC Rule 303.e(2).G).

The COGCC's website address is: <https://cogcc.state.co.us/#/home>. If you have questions you can e-mail to: dnr.ogcc@state.co.us. The main phone number is: 303-894-2100.

OGDP Location

The OGDP involves the development of one (1) well pad for the development of 23 new directional wells. The OGDP Vicinity Map (**Appendix A**) is provided with this notification. The Currier BCU 0993-16-07 well pad is located in the Agricultural, Forestry, Transitional (AFT) zone district. Existing private lease access roadway and pipelines within the North Vega operations area will be utilized for accessing and operating the proposed location.

Table 1: Location and Land Details

Location	Surface Owner	Parcel Number	Location
Currier BCU 0993-16-07	Carlyle W. Currier & Dawn M. Currier	TBD Property sold April 7 th , 2023. Parcel number pending Mesa County Assessor information release	SWNE of Section 16, Township 9 South, Range 93 West, 6th P.M.

Currier BCU 0993-16-07 Well Pad

Laramie is requesting to permit a new Oil and Gas Location at a site previously undisturbed by Oil and Gas Operations. Laramie is proposing to construct a well pad and drill 23 new directional wells. The proposed site will be located on private property approximately 9.5 miles east of Collbran, CO.

Legal Description: SWNE of Section 16, Township 9 South, Range 93 West, 6th P.M

Location Coordinates: 39.277849°; Longitude: -107.773627°

Elevation: 7456 feet

County: Mesa

Zone District: Agricultural, Forestry, Transitional District (AFT)

OGDP Summary

Developments proposed in the OGDP will be centrally located to Laramie’s North Vega operations area. Laramie will drill a total of 23 new directional wells over approximately 104 days. Completions and flowback will occur for approximately 81 days. There will be no simultaneous operations.

Subject to the timing of COGCC and BLM approval, the presently proposed construction schedule is as follows. Beginning in August 2024, Laramie will start initial construction on the Currier BCU 0993-16-07. Construction operations will include constructing, grading, and gravelling the well pad, site-specific access road, and pipeline ROW. After the initial construction, the drilling rig is proposed for mobilization in and "rig up" during the 4th quarter, 2024. Once rigged up, the drilling rig is scheduled to drill all wells and rig down and move off the location during the 1st quarter of 2025. After drilling, production equipment will be installed on the Currier BCU 0993-16-07 well pad in preparation for mobilization of the completion equipment proposed for the end 1st quarter of 2025. All wells are proposed to be completed prior to the 3rd quarter of 2025, after which all completion equipment will be moved off location. The site will be placed in production, and the surface "footprint" will be reclaimed to the working area of the pad by reshaping the site with excavators and dozers. Once re-shaped, the site will be seeded with the seed recommended by the BLM.

The anticipated date that each phase of operations will commence is as follows:

- (a) construction – August/2024;
- (b) drilling – February/2025;
- (c) completions – March/2025;
- (d) flowback – March/2025;
- (e) production – May/2025;
- (f) interim reclamation – within six months after the last well on the Currier BCU 0993-16-07 is completed and the site is turned over to production operations or as weather and other conditions permit; and
- (g) final reclamation – at such time that will allow completion within 12 months after plugging the last well and/or final closure of associated production facilities on the Currier BCU 0993-16-07.

It is presently anticipated that production on the Currier BCU 0993-16-07 will continue for thirty years.

The Currier BCU 0993-16-07 is not located within any areas identified as High Priority Habitat (**Appendix B**). There are no Residential Building Units, High Occupancy Building Units, childcare centers, or schools within 2,000 feet of the Working Pad Surface that would be impacted by light, odor, or dust generated during pre-production and production activities associated with this OGD. The project will occur on privately owned lands and there are no State Parks, State Trust Lands, or State Wildlife Areas within 1-mile of the OGD. There will be no impact to or loss of recreational and scenic values to the public as a result of this OGD. The well pad location does not trigger an Alternative Location Analysis per the criteria stated in COGCC Rule 304.b.(2).B. As part of the OGD application review and approval process, Laramie will submit several mitigation plans to the COGCC.

Haul Routes and Traffic Summary

Traffic projections were prepared for the Currier BCU 0993-16-07. The nearest public road is Highway 330 at the intersection with the subject private lease road. Regional trips to the Currier BCU 0993-16-07 will use the I-70 exit at DeBeque, Colorado or Exit #49 towards Mesa, Colorado. From the intersection of Highway 330 and Highway 65, vehicles will travel approximately 9.5 miles east to the Town of Collbran. Vehicles will drive through the Town of Collbran and will continue east on Highway 330 for approximately 9.5 miles until reaching the entrance of the private lease road, location on Laramie owned property. From Highway 330, vehicles will turn north (left) onto the private lease road located on Laramie owned surface (Parcel 2661-164-00-254). Vehicles will head north on the private lease road on Laramie surface, and then Currier owned property, for approximately 4,100 feet until turning left (southwest) at the entrance of the Currier BCU 0993-16-07 well pad. Vehicles will travel approximately 800 feet along the site-specific access road until reaching the Working Pad Surface of the Currier BCU 0993-16-07.

The average daily traffic will increase during initial site operations (drilling, completions, and flowback phases) for the Currier BCU 0993-16-07. Production and inspection activities will not increase traffic on public roads since the same vehicles will be conducting similar activities within other parts of the North Vega operations area. The increase in average daily traffic during the pad's lifespan is not expected to be significant on roads generally used by the public. Highway 330 will see only a temporary increase in traffic during the initial pre-production phase of the Currier BCU 0993-16-07.

The haul route from Interstate 70 to the Currier BCU 0993-16-07 is provided in **Appendix C**.

Table 2: Trip Generation on Public Roads

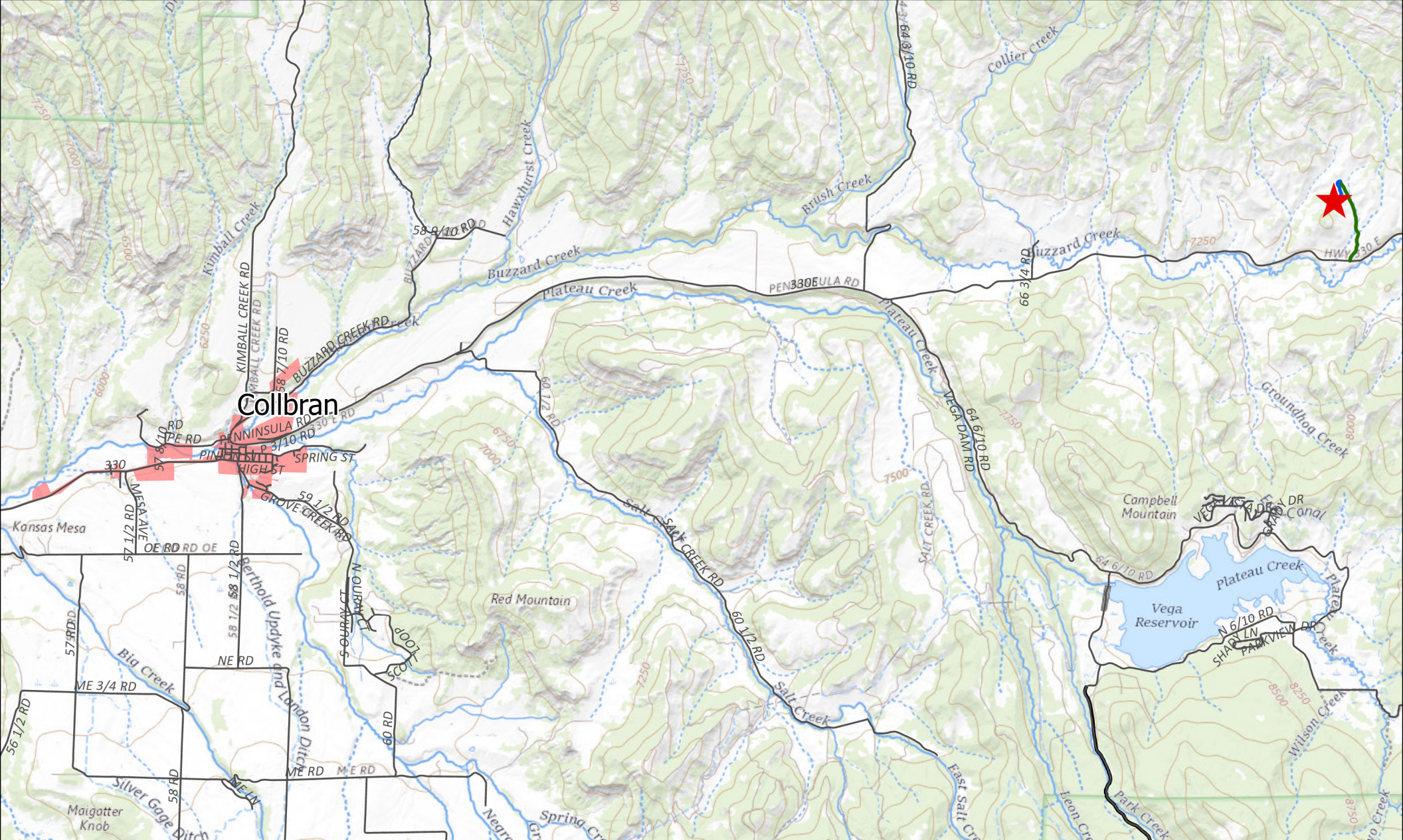
Operational Phase/ Activity	Timeframe (Days)	Total Maximum Trips Generated on Per Activity	Average VPD Per Activity
Construction	30	200	6.7
Drilling Mobilization	4	111	27.8
Drilling	104	1092	10.5
Drilling Demobilization	4	111	27.8
Production Installation	21	168	8
Completions Mobilization	10	444	44.4
Completions and Flowback	81	3240	40
Completions Demobilization	10	444	44.4
Interim Reclamation	14	64	4.6
Production	30 years		2






Laramie appreciates your attention to this notice and looks forward to working with you on this project.

Sincerely yours,
 LARAMIE ENERGY, LLC

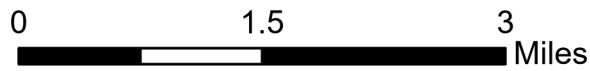
Katy Middleton

Katy Middleton
 Regulatory Specialist



-  Site Location
-  Access Road (Proposed)
-  Private Access Road (Existing Lease Road)
-  Public Roads
-  USFS Roads

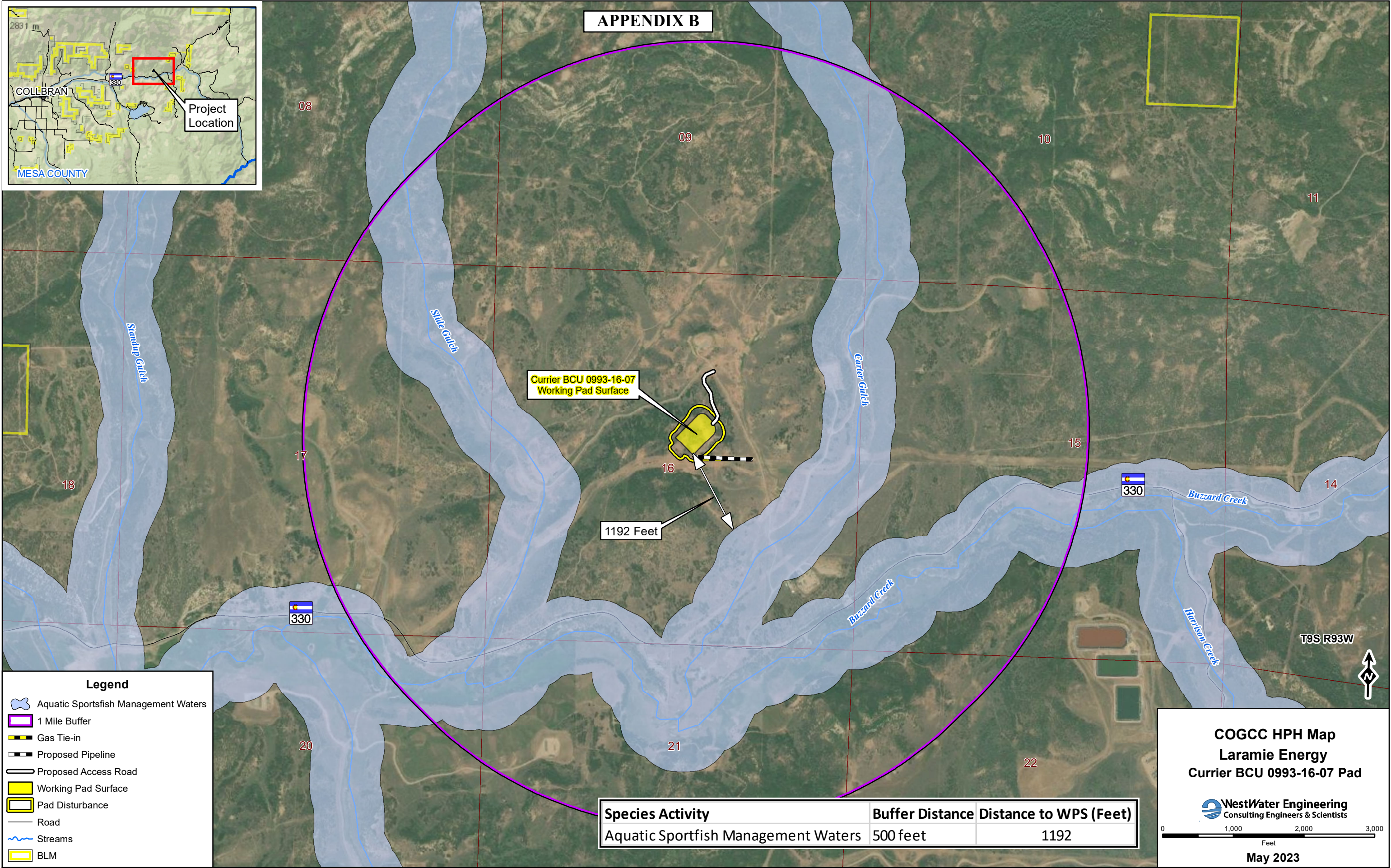
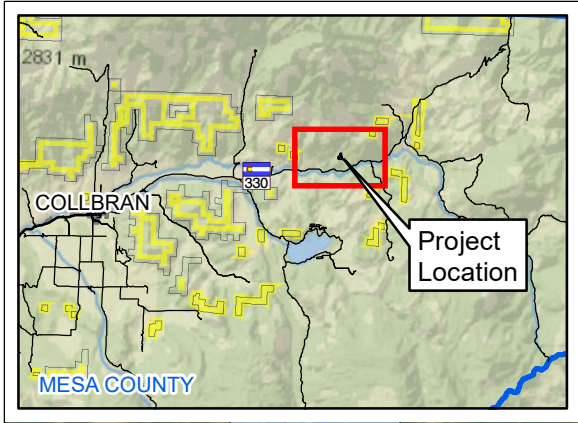
APPENDIX A



Vicinity Map

Currier BCU 0993-16-07 Pad
 SWNE, SECTION 16,
 T9S, R93W, 6th P.M.
 MESA COUNTY, CO

APPENDIX B



Currier BCU 0993-16-07 Working Pad Surface

1192 Feet

Legend

- Aquatic Sportsfish Management Waters
- 1 Mile Buffer
- Gas Tie-in
- Proposed Pipeline
- Proposed Access Road
- Working Pad Surface
- Pad Disturbance
- Road
- Streams
- BLM

Species Activity	Buffer Distance	Distance to WPS (Feet)
Aquatic Sportfish Management Waters	500 feet	1192

COGCC HPH Map
Laramie Energy
Currier BCU 0993-16-07 Pad

WestWater Engineering
 Consulting Engineers & Scientists

0 1,000 2,000 3,000
 Feet







May 2023

Map Source: Z:\Laramie Energy \Currier 0993-16-07\2023\GIS\COGCC Maps 5-31-23\COGCC HPH Map 5-31-23.mxd 5/31/2023 rbo



APPENDIX C

Haul Route Map

-  Site Location
-  USFS Roads
-  Public Roads
-  Currier BCU 0993-16-07 Access Road 5,900 ft
-  Route 1 - 34 Miles
-  Route 2 - 39 Miles



Currier BCU 0993-16-07
 SWNE, SECTION 16,
 T9S, R93W, 6th P.M.
 Mesa County, CO



7019 2280 0000 7683 3316

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City, St _____

MESA COUNTY COMMUNITY
DEVELOPMENT DEPARTMENT
ATTENTION: JEFF HOFMAN
P. O. BOX 20,000
GRAND JUNCTION CO 81502-5001

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

MESA COUNTY COMMUNITY
DEVELOPMENT DEPARTMENT
ATTENTION: JEFF HOFMAN
P. O. BOX 20,000
GRAND JUNCTION CO 81502-5001



9590 9402 6299 0274 9438 76

2. Article Number (Transfer from service label)

7019 2280 0000 7683 3316

COMPLETE THIS SECTION ON DELIVERY

A. Signature Agent
 Addressee

B. Received by (Printed Name) John Franklin

C. Date of Delivery 6-20-23

D. Is delivery address different from item 1? Yes
If YES, enter delivery address below: No

3. Service Type

<input type="checkbox"/> Adult Signature	<input type="checkbox"/> Priority Mail Express®
<input type="checkbox"/> Adult Signature Restricted Delivery	<input type="checkbox"/> Registered Mail™
<input checked="" type="checkbox"/> Certified Mail®	<input type="checkbox"/> Registered Mail Restricted Delivery
<input type="checkbox"/> Certified Mail Restricted Delivery	<input type="checkbox"/> Signature Confirmation™
<input type="checkbox"/> Collect on Delivery	<input type="checkbox"/> Signature Confirmation Restricted Delivery
<input type="checkbox"/> Collect on Delivery Restricted Delivery	

Restricted Delivery



ATTACHMENT 2

Pre-Application Onsite Notes June 12, 2023

Pre-Application Meeting Onsite Notes – June 12, 2023
Currier BCU 0993-16-07
Laramie Energy, LLC

PRE-APPLICATION ONSITE MEETING – JUNE 12, 2023
CURRIER BCU 0993-16-07 WELL PAD
Draft Notes Prepared June 13, 2023
Notes Finalized June 20, 2023

ATTENDEES

BLM: Wesley Toews, Emily McCall, and Alex Provstgaard
 CPW: Taylor Elm and Molly West
 Mesa County: Jeff Hofman & Faye Hall
 Laramie Energy, LLC: Wayne Bankert, Lori Muhr, Rory Mortensen, Katy Middleton
 D.R. Griffin (DRG): Tad Sherrill
 WestWater Engineering: Amie Wilsey
 Moody Construction: Shawn Moody

All attendees received an onsite packet which included: preliminary Layout Drawings (dated 06/09/23), aerial imagery figure with proposed well pad and access road, two hydrology maps, High Priority Habitat (wildlife) map, Leasehold Mineral Development Map, Vicinity Map, and proposed pipeline figure.

SITE LOCATION DETAILS

Location: Currier BCU 0993-16-07
 Location ID: New Location
 Legal Description: SWNE of Section 16, Township 9 South, Range 93 West, 6th P.M.
 Location Coordinates: Latitude: 39.277849°; Longitude: -107.773627°
 Elevation: 7456 feet
 County: Mesa
 General Location: 9.5 mapped miles east of Collbran, Colorado.
 Zone District: Agricultural, Forestry, Transitional District (AFT)
 Wells: 23 Wells (20 Fee & 3 Federal) (21 Wells within the Buzzard Creek Unit)

Anticipated Timeframe for Operational Phases	
Phase/Activity /Stage	Timeframe (Days)
Construction	30
Drilling Mobilization	4
Drilling	104
Drilling Demobilization	4
Production Installation	21
Completions Mobilization	10
Completions and Flowback	81
Completions Demobilization	10
Interim Reclamation	14
Total Pre-Production	278

Preliminary Disturbance Acreage	Disturbance in Acres
Area of Disturbance	9.0
Working Pad Surface	4.1
Area to be Interim Reclaimed	6.9
Production Pad Surface (after Interim Reclamation)	2.0
Proposed Access Road Acreage (890 feet)	1.0
Pipeline Approx. 1300 ft (Majority of Disturbance within Existing Pipeline ROW)	TBD

ALTERNATIVE SITE CONSIDERATIONS

The Currier BCU 0993-16-07 does not trigger any Alternative Location Criteria. During the initial planning process, Laramie assessed five possible locations, including two existing well pads. The existing well pads are currently too small to accommodate any pre-production

Pre-Application Meeting Onsite Notes – June 12, 2023

Currier BCU 0993-16-07

Laramie Energy, LLC

activities and would require significant cut and fill to expand the existing well pads. During the summer of 2022, some field and survey work had been completed for the Currier 16-10.

However, after assessing the alternative locations, Laramie determined the proposed Currier BCU 0993-16-07 Location was more protective of wildlife and public health than the alternatives.

SURFACE USE AGREEMENT (SUA)

The original parcel, owned by Currier Family Partnership LLLP, was approximately 1,235 acres. The eastern portion of the parcel was sold to Carlyle W. Currier & Dawn M. Currier in the Spring of 2023. Currier Family Partnership LLLP still owns the land to the west of the new parcel. The Currier BCU 0993-16-07 well pad, site-specific access road, and buried pipeline will be located on the new parcel owned by Carlyle W. Currier & Dawn M. Currier. The new parcel number and parcel details are not yet available from the Mesa County Assessor. Laramie is currently working with the new surface owners to establish an SUA. The Surface Owners are in support of the development and Laramie has worked with the Surface Owner previously.

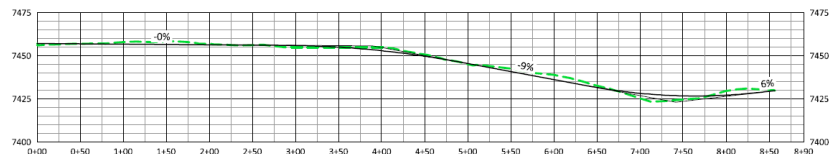
PERMITS REQUIRED

- Mesa County: Oil and Gas Location Application
- COGCC: (Oil and Gas Development Plan – OGDP)
 - Form 2A – Location Assessment
 - Form 2B Cumulative Impacts
 - Form 2C – OGDP Certification
 - July 1, 2023, COGCC to be renamed Colorado Energy & Carbon Management Commission “ECMC”
- BLM: 3 Federal APDs
 - Federal Lease COC 0009392

ACCESS ROAD

An existing private lease road will be utilized to access the project area. A site-specific access road will be constructed to access the proposed well pad. Attendees walked the route of the proposed access road, which was staked for the onsite. Moody Construction and Laramie discussed slightly adjusting the proposed access road to reduce the grade of the road. Moody stated 15% grade and less is ideal.

After the onsite, DRG prepared a preliminary profile of the proposed access road (see below). The maximum grade will be approximately 9% for about 300 feet travel distance.



Preliminary Site-Specific Access Road Profile

Pre-Application Meeting Onsite Notes – June 12, 2023

Currier BCU 0993-16-07

Laramie Energy, LLC

WELL PAD

Attendees walked the areas of the well pad, which was surveyed and staked for the onsite by DRG. Observing the perimeter of the Working Pad Surface and discussing cut and fills to construct the well pad. New COGCC requirements of including topsoil calculations to include the Area of Disturbance was discussed. The group also discussed the management and burial of water-based drill cuttings onsite. The cuttings area will not be a trench, and cuttings are expected to be mixed the excess spoils stored on the SW side of the location. Laramie stated in this area, typically 240 cubic yards of cuttings per well is generated and the volume anticipated for the Currier 16-07 is approximately 5,520 cubic yards of cuttings. BLM and Laramie discussed sliding the separators down 40 feet or so to minimize install on fill.

PIPELINES

Buried Pipeline: approximately 1300 feet of 8-inch welded steel gas gathering line and approximately 1300 feet of 4-inch Flexpipe water gathering line will be required to tie into Laramie's existing 16-inch gas gathering line and 4-inch Flexpipe waterline adjacent to the proposed pad. The proposed sales line shown on the interim reclamation plat will be shifted north to avoid the excess spoils storage area. The gas will be transferred to Laramie's Mega Vega Compressor Station (MVS) in the SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 22, Township 09 South, Range 93 West, and the water will be pumped to Laramie's HCWTF (Location ID # 413056) in the NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 22, Township 09 South, Range 93 West.

Temporary Surface Water Lines: Up to two parallel 8-inch to 12-inch HDPE produced water pipes will be used to deliver water to completions operations at the well pad. These lines will be laid on the surface over previously disturbed pipeline ROWs to the extent possible and be approximately 5900 feet in length each. These lines will be removed following completions and flow back operations. Laramie stated the temporary surface water lines will remove approximately 500 truck trips per well during completions and 200 truck trips for flowback water transports per well. temporary surface water lines will reduce approximately 16,100 truck trips during completions and flowback at the Currier 16-07.

HIGH PRIORITY HABITAT

The proposed Currier BCU 0993-16-07 is not located within HPH nor will the project result in any surface disturbance within HPH. The nearest HPH is the Aquatic Sportfish Management Waters which is located 1,192 feet from the WPS. The nearest Aquatic Sportfish Management Waters is located on the onsite side of a ridge to the east of the well pad.

WestWater biologists conducted the habitat assessment on May 5, 2023, as part of the biological surveys completed for the project development. Field observations determined that Slide Gulch and Carter Gulch are not suitable habitats for fish. The nearest suitable habitat for fish is located in Buzzard Creek, a perennial creek, located approximately 2,368 feet from the Working Pad Surface. Highway 330 is located between the proposed well pad location and Buzzard Creek. Dense riparian vegetation composed primarily of narrowleaf cottonwoods, wood's rose, skunkbush sumac, and willows are present along the banks of Buzzard Creek creating a natural buffer surrounding the stream.

Pre-Application Meeting Onsite Notes – June 12, 2023

Currier BCU 0993-16-07

Laramie Energy, LLC

WAIVER REQUEST

An ephemeral stream and intermittent stream are located within 500 feet downgradient of the Working Pad Surface. An existing private lease road exists between the well pad and the ephemeral stream and intermittent stream. Dense vegetation comprised of mountain sagebrush shrublands and Gambel's oak shrublands with an understory of perennial forbs and grasses also exist between the proposed well pad and subject streams within 500 feet.

COGCC Rule 1202.a.(3) *At new and existing Oil and Gas Locations, Operators will not situate new staging, refueling, or Chemical storage areas within 500 feet of the Ordinary High Water Mark ("OHWM") of any river, perennial or intermittent stream, lake, pond, or wetland.*

CPW, WestWater Engineering, and Laramie observed the ephemeral stream and intermittent stream are located within 500 feet downgradient of the Working Pad Surface. Existing vegetation surrounding the well pad will act as a barrier to further reduce sediment discharge or fluids from reaching the unnamed streams from the well pad. Borrow ditches are installed on the well pad side of the lease roads. Prior to construction of the well pad, Laramie will re-establish the borrow ditch along the private lease access road to prevent spills from migrating to the subject drainages.

In accordance with COGCC Rule 427.c.(2), Laramie will only utilize fresh water to conduct dust suppression activities within 300 feet of the ordinary high-water mark of any water body.

During drilling, completions, and flowback operations, a fully equipped emergency spill response trailer will be staged at Laramie's Buzzard Creek Laydown yard (permitted through Mesa County; owned and maintained by Laramie) and prepared for immediate response in the event of the release or spill during pre-production activities. A second emergency spill response trailer will be available for immediate mobilization if needed at Laramie's Harrison Creek Water Treatment Facility (Location ID # 413056) approximately 3.3 miles from the Currier 16-07 location.

An emergency spill kit (95-gallon drum spill kit) will be placed on the pad for any spills that might occur for the life of the producing wells.

CULTURAL DISTANCES (Approximate distances to be Finalized Prior to submittal)

- The nearest water well is approximately 2,800 feet from the proposed pad.
- The nearest public road, Highway 330, is approximately 2,600 feet (mapped distance) from the proposed pad.
- The nearest RBU is approximately 2,600 feet from the proposed pad.

No noise, light, or visual impacts are anticipated due to distances and surrounding topography.

FIELD SURVEYS

Biological, wetlands, surface water, and archaeology field surveys were conducted in May 2023. BLM stated to include the temporary surface lines in the biological field survey area.

Pre-Application Meeting Onsite Notes – June 12, 2023

Currier BCU 0993-16-07

Laramie Energy, LLC

ENVIRONMENTAL ASSESSMENT

Based on conversations with the BLM, Laramie will establish an MOU with the BLM to have a third-party contractor conduct the EA.

EMISSIONS

- Emissions Modeling Inventory Tool (EMIT): Laramie will prepare data and submit the EMIT Form for the Federal APDs.
- Air Monitoring:
 - Monitoring required from 10 days prior to drilling through 6 months of early production.
 - Proposing use solar-powered OP Cube VOC sensors provided by third party contractors who maintain, QC and review data and action alerts.
 - One meteorological station to record wind direction, wind speed, temperature and humidity.
 - Real time monitoring data/stats, alerts and activity descriptions are summarized and submitted each month to CDPHE throughout project.

ACTIONS ITEMS

Laramie:

- Revise Layout Access Road
 - Adjust route to lessen grade, if possible
 - Road Plan and Profile for Federal ADP
 - Layout Drawing of Access Road for OGDG
 - Finalize length and acreage disturbance.
- Layout Drawings
 - Slide separators down 40 feet or so to minimize install on fill.
 - Add a 10' wide buffer between top of cut slope and Topsoil piles to allow for access to construct SW BMPs
 - Distinguish between spoils pile and topsoil pile.
 - Relocate the TS on the left side of the material pile.
- Hydrology Map (WestWater)
 - Revise Hydrology Maps to reflect field verified surface water features and remove any incorrect mapped (non-existent) water features
- Pipeline
 - Finalize buried pipeline route.
 - Finalize length and acreage disturbance.
- Biological Survey Report and Cultural Surveys to be revised to include temporary surface water lines.
- Laramie will establish an MOU with the BLM to have a third-party contractor conduct the EA.

Pre-Application Onsite Meeting - June 12, 2023
Laramie Energy, LLC - Proposed Laramie 0993-29-01 Well

NAME	AGENCY / COMPANY
Shawn Moody	Moody Construction & Sons inc.
Rory Mortensen	Laramie
Jeff Hoffman	Mesa County
Faye Hall	Mesa County
Ted Sherrill	DRG survey
Taylor Elm	CPW
Molly West	CPW
Amie Wilsey	WestWater Cong.
alex Provstgaard	BLM
Euidy McCall	BLM
Wesley Toews	BLM
Wayne P. Bankert	Laramie
Katy Middleton	Laramie
Joe Thuber	Laramie