

CCR 0994-23-02 Well Pad Public Water Systems Consultation Summary



1. INTRODUCTION

Laramie Energy, LLC (Laramie) (Operator # 10433) is pursuing a Form 2A for an Oil and Gas Location Assessment permit in Mesa County, Colorado. The CCR 0994-23-02 well pad (CCR Pad) is a proposed, new location. Laramie is proposing to drill two (2) new horizontal wells at the CCR Pad in Section 23 of Township 9 South, Range 94 West, 6th P.M. The CCR will develop fee and federal minerals.

2. PRELIMINARY ASSESSMENT

During preliminary planning of the CCR Pad well pad, Laramie assessed ECMC Public Water Systems (PWS) map layers which indicated that the CCR Pad may be within 15 stream miles of a mapped PWS. Laramie requested WestWater Engineering, Inc. (WestWater) to prepare a map measuring stream miles which confirmed the CCR Pad is within 15 stream miles of a mapped PWS. Additionally, a second mapped PWS is near the CCR Pad; however, this PWS is upgradient.

3. UTE WATER CONSERVANCY DISTRICT - PUBLIC WATER SYSTEM

The proposed CCR Pad is located 14.79 stream miles from the Ute Water Conservancy District (Ute Water) Public Water Systems (PWS) intake buffer (**Figure 1**). Ute Water's PWS intake is located along Plateau Creek, which is downgradient from CCR Pad via Buzzard Creek.

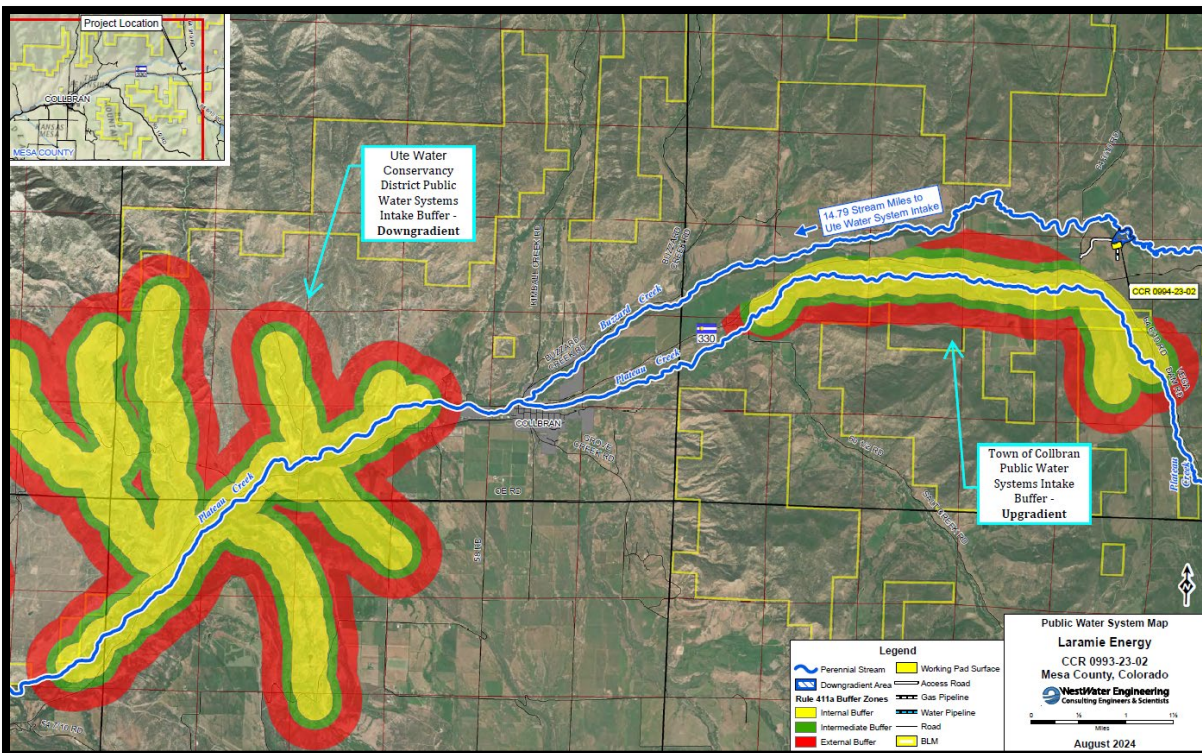


Figure 1. Mapped Public Water Systems – ECMC Rule 411.a.

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Buzzard Creek, a perennial stream, is located downgradient 578 feet north at the nearest point. Dense vegetation comprised of oakbrush, mountain shrublands, and willows are present along the hillside below the proposed CCR Pad location, creating a natural buffer between Buzzard Creek and the proposed well pad.

The receiving water of Buzzard Creek is Plateau Creek (a perennial flow stream). Buzzard Creek flows into Plateau Creek approximately 12 mapped miles west of the project. Plateau Creek continues to flow to the west approximately 20 miles, terminating at the Colorado River.

Laramie presented to Ute Water in their Grand Junction office on June 5, 2024 (**Attachment 2**). Laramie discussed the development area, location details, water sampling per Collbran water shed, fresh water take-out along Buzzard Creek, temporary fresh water, downgradient flow path, and best management practices permitting overview (Local, state, and federal). Laramie provided responses to Ute Water's questions as described in **Table 1**. Ute Water has a sampling collection point in the area and ask Laramie if there could be an exchange of data in order to assist Ute Water with QA/QC of analytical data. Laramie agreed to this request as shown in **Attachment 3**.

The CCR 0994-23-02 Emergency Spill Response Program Plan was prepared in accordance with the Colorado Energy and Carbon Management Commission's (referred to hereinafter as ECMC or the Commission) Rule 304.c.(1) Emergency Spill Response Program Plan and with applicable requirements of ECMC Rule 411.a(4), Rule 602.j., and Rule 912.b(1). Ute Water approved of the Emergency Spill Response Program Plan on September 10, 2024. Ute Water requested to be notified of any spills and releases at the CCR Pad and Laramie has incorporated this request into the Rule 304.c.(1) Plan.

4. TOWN OF COLLBRAN - PUBLIC WATER SYSTEM

The proposed CCR Pad is also situated near the Town of Collbran's PWS along Plateau Creek. While the mapped PWS buffer is near the CCR Pad, Collbran's PWS is located upgradient from the CCR Pad. Laramie consulted with ECMC during the OGDG Pre-Application meeting on June 27, 2024. ECMC staff stated that Town of Collbran would not be required to review and approve of the Rule 304.c.(1) Emergency Spill Response Program Plan since the mapped intake is upgradient by 1,699 feet. The proposed CCR Pad is approximately 2,535 feet downgradient of Plateau Creek.

On May 7, 2024, Laramie staff presented the proposed project to the Town of Collbran during the Town Board meeting, which is attended by Town of Collbran Board members, Town of Collbran staff, and the public. Estimated over 30 attendees were at the May 7th meeting. Laramie's presentation covered proposed operations, proximity to PWS intake, hydrology, general location, permitting overview (Local, state, and federal), sampling locations & events. This outreach was performed during the preliminary planning phase, and several details had not yet been finalized at the time of the presentation. The site had not been surveyed, but Laramie aimed to initiate early communication with the Town of

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Collbran. The tenants of RBU #1 attended this meeting. Laramie’s presentation and meeting notes provided by Town of Collbran are provided in **Attachment 1**.

On September 3, 2024, Laramie staff presented a second time to the Town of Collbran during the Town Board meeting, which is attended by Town of Collbran Board members, Town of Collbran staff, and the public. Estimated over 20 attendees were at the September 3rd meeting. Laramie’s presentation covered proposed operations, disturbances proximity to PWS intake, hydrology, general location, permitting overview (Local, state, and federal), sampling locations & events. The tenants of RBU #1 also attended this meeting. Laramie’s presentation and meeting notes provided by Town of Collbran are provided in **Attachment 5**.

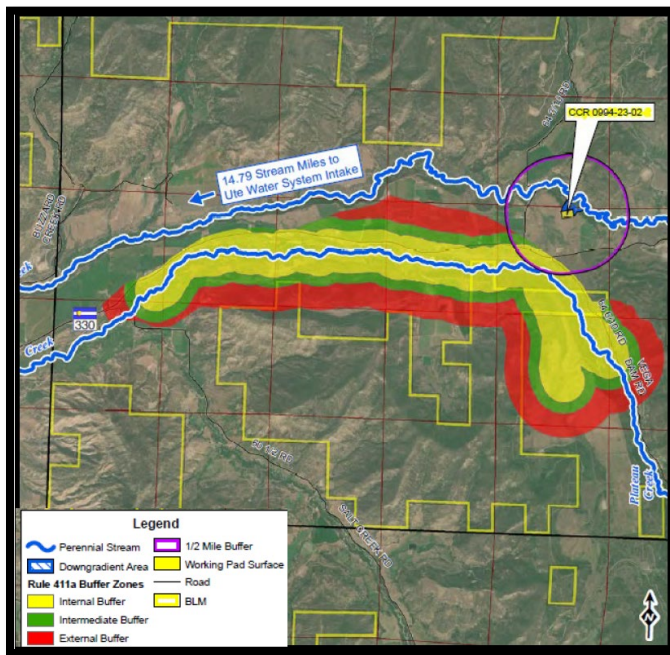


Figure 2. CCR Pad Downgradient of Town of Collbran mapped PWS

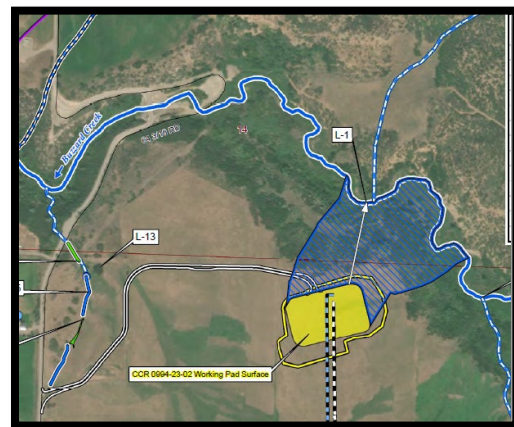


Figure 3. Downgradient Flow path (Away From Plateau)

5. CONSULTATION

Laramie consulted with both Ute Water and Town of Collbran as detailed in **Table 1**.

Table 1. Consultation with PWS Organizations

Date	PWS Entity	Type of Meeting /Communication	Description
May 7, 2024	Town of Collbran	Town of Collbran – Board Meeting – Public	Laramie presents proposed project to the Town of Collbran during Town Board meeting. Estimated over 30 attendees to

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			meeting. Presentation covered proposed operations, proximity to PWS intake, hydrology, general location, permitting overview (Local, state, and federal), sampling locations & events. Laramie’s presentation and meeting notes provided by Town of Collbran are provided in Attachment 1 .
June 5, 2024	Ute Water	Presentation at Ute Water Office in Grand Junction, CO	Presentation to Ute Water Staff. Presentation PWS intake, hydrology, general location, permitting overview (Local, state, and federal), sampling locations & events. Laramie’s presentation is provided in the Consultation Summary attached to the Form 2A. Ute Water & Laramie discussed about the sharing of analytical results from sampling collection points shown in Attachment 2 .
June 6, 2024	Ute Water	Email	Laramie followed up with Ute Water and provided responses to questions posed in meeting. (Attachment 3)
July 10, 2024	Town of Collbran & Ute Water	Pre-Application Onsite Meeting	Onsite meeting held at the CCR Pad. Attendees walk the access road and well pad.
	Town of Collbran & Ute Water	Email	Laramie emails draft onsite notes.
	Town of Collbran & Ute Water	Email	Laramie emails final onsite notes (Attachment 4).
September 3, 2024	Town of Collbran	Town of Collbran – Board Meeting – Public	Laramie presents updates of the CCR Pad and proposed operations schedule. (Attachment 5)
September 6, 2024	Ute Water	Email	Laramie emails Ute Water the draft ECOM Rule 304.c.(1) Emergency Spill Response Program Plan to Ute Water for their review.
September 6, 2024	Ute Water	Email	Ute Water emails Laramie with one correction and states that Ute Water approves of the plan. The Ute Water staff member who signs approvals was out of

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			office, so Ute Water states the signature page of approval will be sent once signed.
September 10, 2024	Ute Water	Email	Ute Water requests to be notified of any spills and releases at the CCR Pad and Laramie incorporates into the Rule 304.c.(1). Ute Water emails the signature page for approval of the ECMC Rule 304.c.(1) Emergency Spill Response Program Plan to Ute Water for their review.



**Photo 1. Pre-Application Onsite – July 10, 2024
Attended by Ute Water, Town of Collbran, & Bureau of Land Management**

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Consultation Summary**



**Photo 2. Pre-Application Onsite – July 10, 2024
Attended by Ute Water, Town of Collbran, & Bureau of Land Management**

ATTACHMENT LIST	
Attachment 1	Town of Collbran - Board Meeting Presentation - May 7, 2024
Attachment 2	Presentation to Ute Water - June 5, 2024
Attachment 3	Correspondence with Ute Water
Attachment 4	Pre-Application Onsite Meeting Notes - July 10, 2024
Attachment 5	Town of Collbran - Board Meeting Presentation - September 3, 2024



ATTACHMENT 1

Presentation to Town of Collbran for Public Board Meeting May 7, 2024



Laramie Energy, LLC
BRUSH CREEK DEVELOPMENT AREA

Town of Collbran - Board Meeting

May 7th, 2024



Brush Creek Development Area Presentation



Agenda

- I. Company Overview**
- II. Project Proposal**
 - I. Project Proposal
 - II. Location
 - III. Hydrology
- III. Permitting Requirements**
 - I. Mesa County
 - II. Bureau of Land Management
 - III. Colorado Energy & Carbon Management Commission

Staff Presenting

Chris Clark

Vice President - Field Operations

Wayne Bankert

Regulatory & Environmental Manager

Matt Kasten

Environmental Coordinator

Katy Middleton

Senior Permitting and Environmental Planner

Purpose & Objective of Laramie's Presentation

Due to proximity of the project area near Collbran's mapped Public Water System, Laramie will consult with Town of Collbran regarding proposed development.

Acronyms



“ECMC” | Colorado Energy & Carbon Management Commission

“COGCC” | Colorado Oil and Gas Conservation Commission

“CDPHE” | Colorado Department of Public Health & Environment

“CPW” | Colorado Parks & Wildlife

“PWS” | Public Water System

“BMP” | Best Management Practices

“SPCC” | Spill Prevention, Control, and Countermeasure Plan

“AVO” | Audio, Visual, Olfactory Inspections

“BLM” | Bureau of Land Management

“NEPA” | National Environmental Policy Act

Laramie Energy, LLC – Company Overview



- Private Equity LLC created in 2007 as Laramie Energy II, LLC
 - Now known as Laramie Energy, LLC
- Exploration and Development Company
- Operates solely in Western Colorado in the Piceance Basin on Private, BLM, and Forest Service Lands.
- Asset acreage is primarily in the Plateau Valley (Collbran Valley), the White River, and Grand Mesa Uncompahgre National Forests.
- Core operating areas are Plateau Valley (Collbran) and Cascade Creek within the Piceance Basin in Western Colorado.



Laramie Energy, LLC – Plateau Valley Area



- Laramie operating in PV since 2017
- Approximately 150 well pads within Mesa County
 - 943 Producing Wells
- Laramie land holding of approximately 11,000 acres, consisting of 120 individual parcels & two large ranches with conservation agreements
 - \$7.5 million paid to Mesa County in annual taxes
 - Approximately \$1.66 million annual mill levy payment to District 50 for new school facility
- Laramie Active Member of the Community
 - Annual Collbran Cleanup
 - Supporter of Rodeo events & grounds
 - Charitable donations to PV schools & Robotics Club
 - Member of Community Counts



Brush Creek Development Area Project Proposal

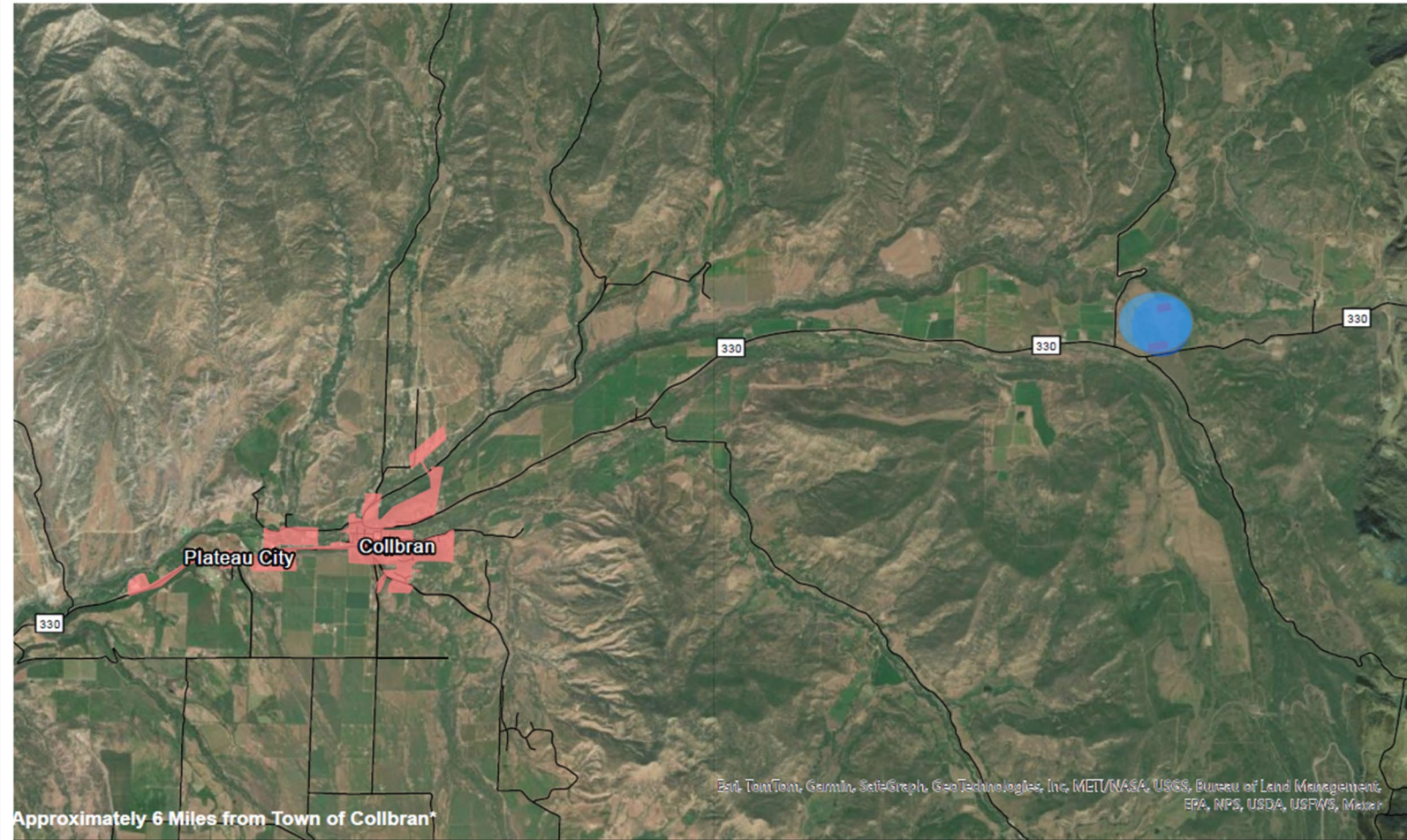


Brush Creek Development Area



Location Details

- Brush Creek Area
- Approximately 6 mapped miles east of Collbran
- Nearest Public Roads
 - Hwy 330 & 64 3/10 Road



Approximately 6 Miles from Town of Collbran*

Esri, TomTom, Garmin, GeoGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA, USFWS, Metacat

- Brush Creek Development Area
- Possible Locations for Brush Creek Well Pad (Well Pad not Finalized)
- Town of Collbran Municipal Boundary



0 1.5 3 Miles



Vicinity Map
Brush Creek Development Area
Sec 23 T9S, R94W, 6th P.M.
MESA COUNTY, CO

Brush Creek Development Area



- Laramie is proposing one well pad
 - Drill Two (2) Wells
- Oil and Gas Location (well pad) and access road will be constructed on private surface lands.
- Laramie is currently in the preliminary planning stage.

Pipelines to Accommodate Development

- Gas pipelines and water lines in place near location.
- Buried gas pipeline and water line will be installed.
- Additionally, a temporary surface water line will be utilized during pre-production (drilling & completions) activities for fresh water.
- New well pad will tie into existing infrastructure, reducing truck traffic in area.



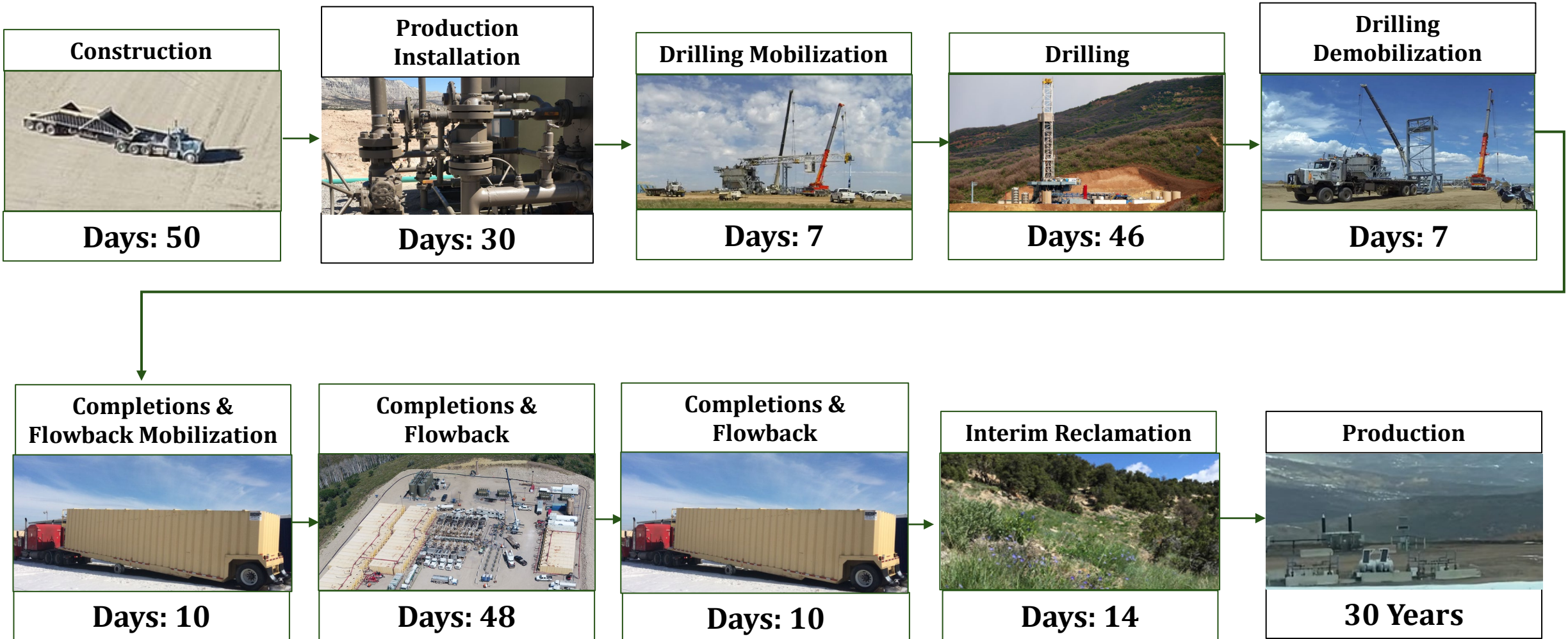
**Brush Creek Development Area
Facing South**

Support Infrastructure

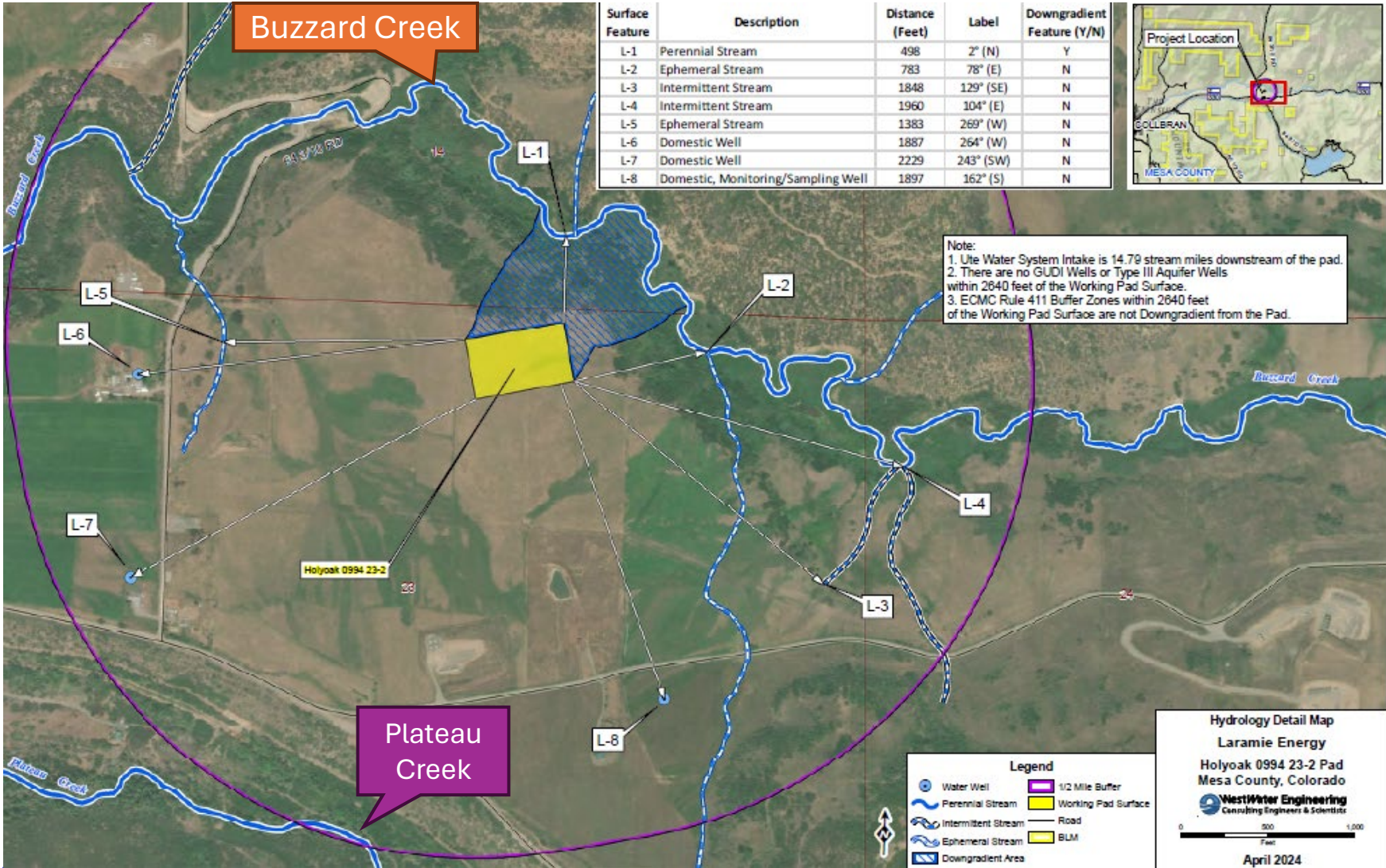
- Water and Gas pipelines
- Harrison Creek Water Treatment Facility
- Primary sources of water for operations
- Mega Vega Gas Compression Facility



Anticipated Timeframes For Proposed Operations



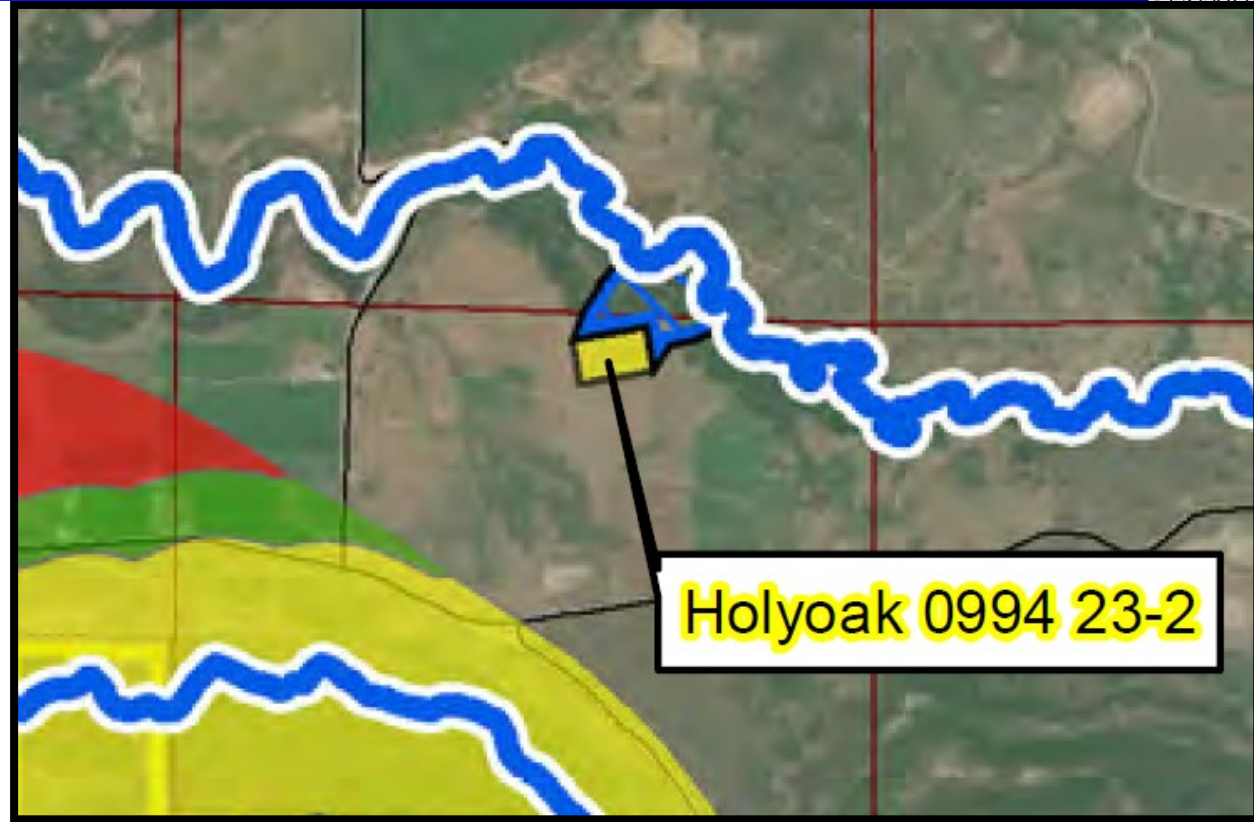
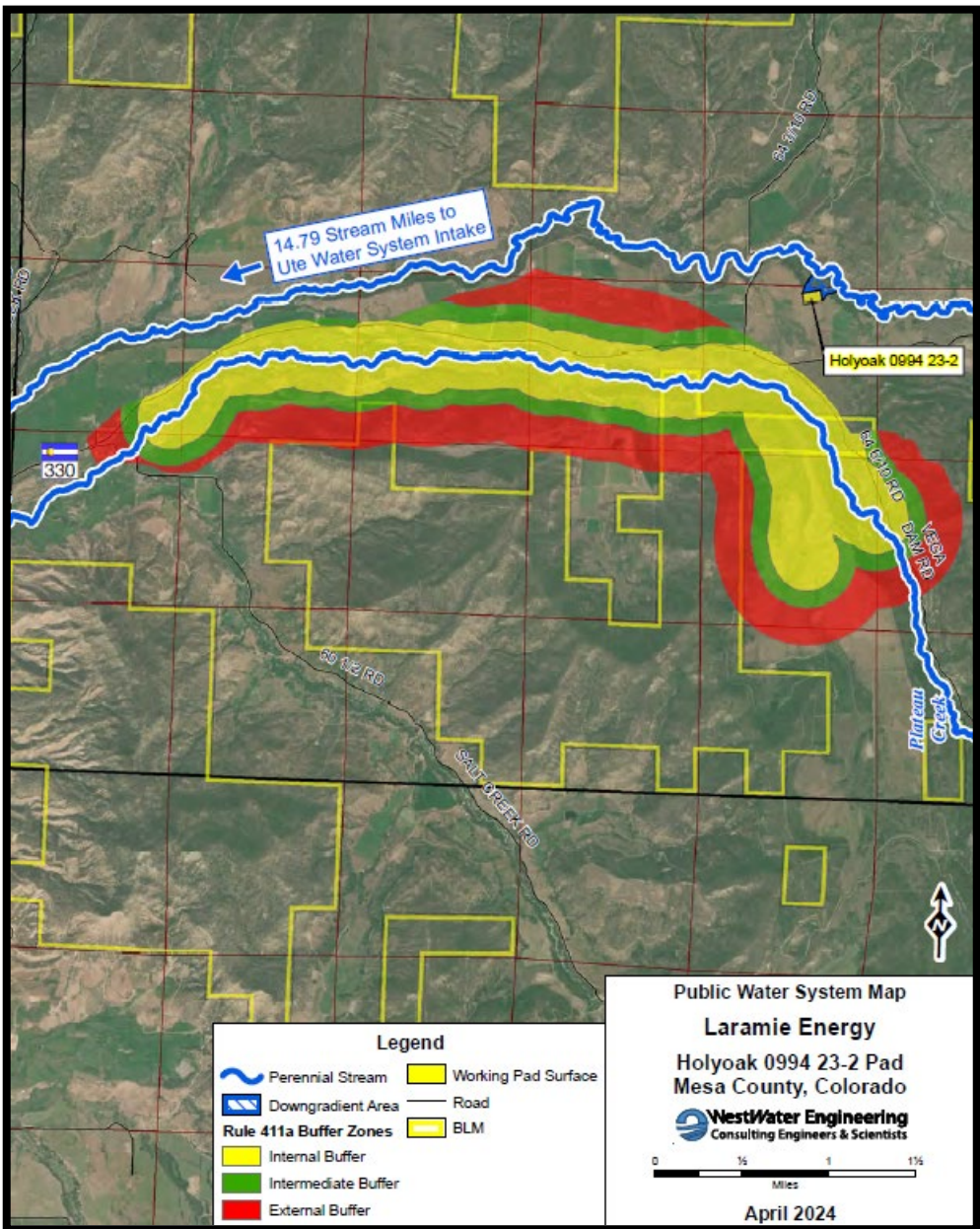
Hydrology Map



Proposed Holyoak Pad - Downgradient Flow Path

The proposed Holyoak Pad flow to the north towards Buzzard Creek. There are no water well within the downgradient path.

Collbran Mapped Public Water System Intake Buffer



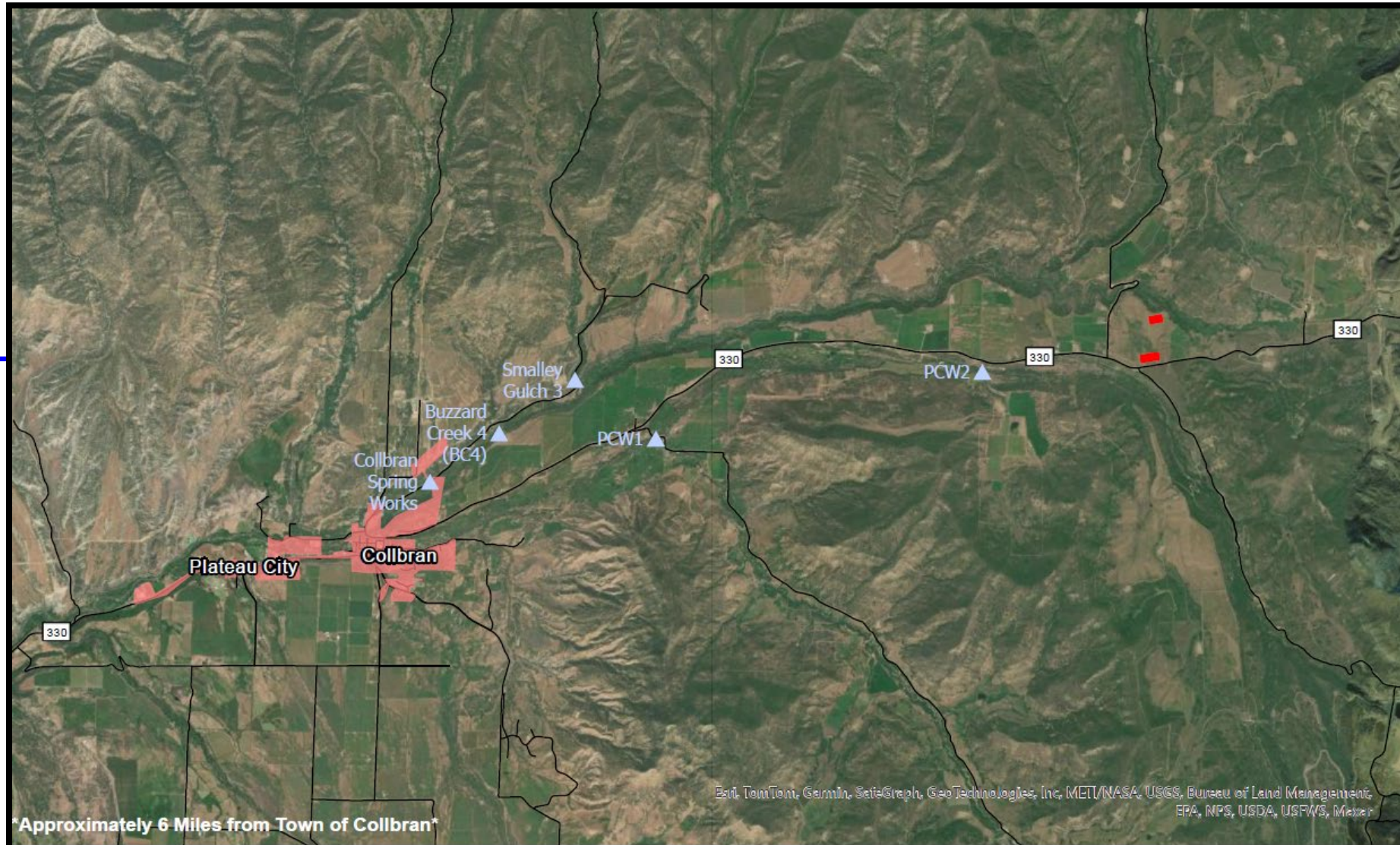
The Collbran Mapped PWS Intake Buffer on Plateau Creek is located upgradient of the development area.

- Proposed Holy Oak Pad is approximately
- 2,460 feet downgradient of Plateau Creek.
 - 1,742 feet downgradient of Collbran mapped PWS



Laramie Energy Quarterly Water Sampling

- Quarterly sampling per Watershed Agreement
- Samples are collected by independent third-party contractor



- ▲ Collbran Water Shed
- Possible Locations for Brush Creek Well Pad (Well Pad not Finalized)
- Town of Collbran Municipal Boundary



0 1.5 3 Miles



Vicinity Map
Brush Creek Development Area
Sec 23 T9S, R94W, 6th P.M.
MESA COUNTY, CO

CDPHE Spill Notification Requirements

Any discharge of pollutants to waters of the state (which include surface water, groundwater, or features like dry gullies or storm sewers leading to surface water) must be reported to 1-877-518-5608 within 24-hours of discovery. The notification must describe, at a minimum:

- The date, time, estimated length of time, and approximate volume of the discharge.
- The cause of the discharge.
- The level of wastewater in the discharging impoundment(s).
- Whether the discharge entered, or could enter, waters of the United States.



COLORADO
Department of Public
Health & Environment

Best Management Practices – Brush Creek Development



- Closed loop solids control system will be utilized with no reserve pits.
- During drilling, completions, and flowback operations, a fully equipped emergency spill response trailer will be staged at the existing David 23-7 well pad, operated 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 approximately 7 miles from the Brush Creek development area.
- 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.
- Production tanks will include remote level monitoring devices to rapidly alert operators of a potential leak or spill.
- Laramie will conduct weekly AVO inspections.
- Spill Prevention, Control and Countermeasure Plan (SPCC) to be prepared.
- Tanks will be installed within secondary containment, in accordance with ECOMC regulations. Secondary containment will be sized to contain 150 percent of the volume of the largest tank.



**Laramie Energy
Spill Response Trailer**



Example of a Spill Kit

Brush Creek Development Area Permitting Requirements



County Permitting - Mesa County



Relevant Local Government: Mesa County

Mesa County Zone District: Agricultural, Forestry, Transitional (AFT).

Permit Required: Oil & Gas Locations Application

Per the Mesa County Land Development Code "Oil and Gas Drilling " is an allowed use in the AFT zone district. While Oil and Gas Drilling is an allowed use, Oil and Gas Locations must be permitted within Mesa County.

Laramie will submit an Oil and Gas Location Application to Mesa County. As part of the Oil and Gas Location Application requirements, Laramie will post a public notice sign for at least 15 days.

Mesa County Oil & Gas Site Location - Permitting Process

Submittal of Mesa County Oil & Gas Location Application

Mesa County Community Development Department Reviews Application

Operator posts public notice sign for at least 15 days for public comment. Mesa County sends application to other agencies and county departments during public comment period.

Review and address any public comments received.

Mesa County final review of application, and, if approval, issuance of permit.

Federal Permitting – Bureau of Land Management (BLM)



Mineral Development: Fee and Federal

Federal Development: 1 Well

Permit Required: Application for Permit to Drill (APD)

Laramie intends to develop federal minerals and will obtain an Application for Permit to Drill (APD) from the Bureau of Land Management (BLM). The BLM's APD permitting process involves submitting various documents and plans outlining proposed drilling activities. The BLM will evaluate the application and environmental considerations to ensure compliance with regulations and environmental protection standards before granting approval for proposed drilling operations to proceed.

BLM APD – Permitting Process

Field Surveys
Conducted

Pre-Application
Meetings
including
Onsite Visits
with BLM
Staff

Submit the
Application
Permit to
Drill to the
BLM

BLM receives
application for
completeness

Once the APD
Application is
deemed
complete, BLM
starts preparing
Environmental
Assessment (EA)
in accordance
with NEPA.

BLM evaluates
findings of the
Environmental
Assessment
and finalizes
Decision
Record.

BLM issues
APD

State Permitting – Colorado Energy & Carbon Management Commission

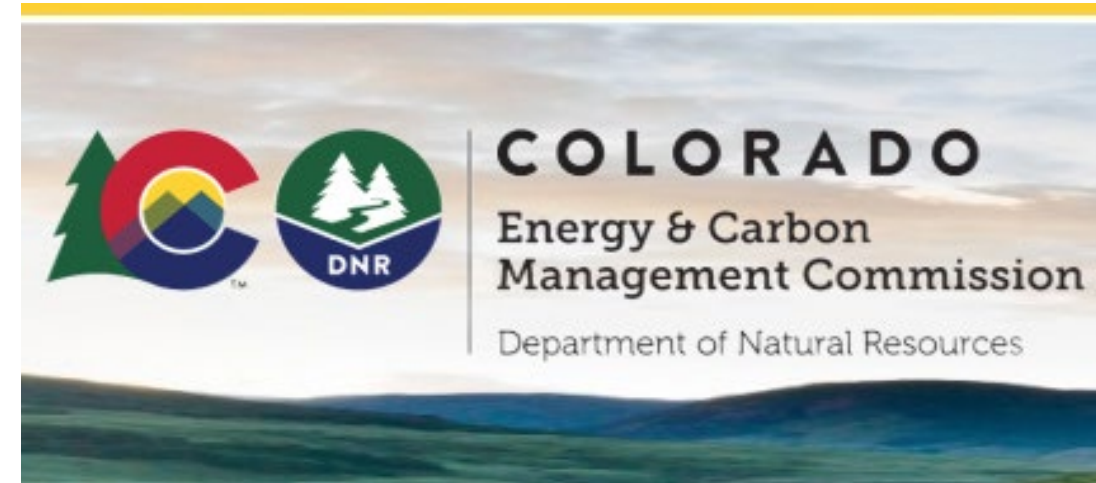


- Oil and gas operations are regulated in Colorado by the Colorado Energy & Carbon Management Commission (“ECMC”)
 - Formerly the Colorado Oil and Gas Conservation Commission (“COGCC”).
- Operators may apply for permits from the ECMC to conduct oil and gas operations such as drilling wells to produce oil and natural gas.
- Effective January 15, 2021, operators must have an approved Oil and Gas Development Plan (“OGDP”) to conduct new oil and gas operations.

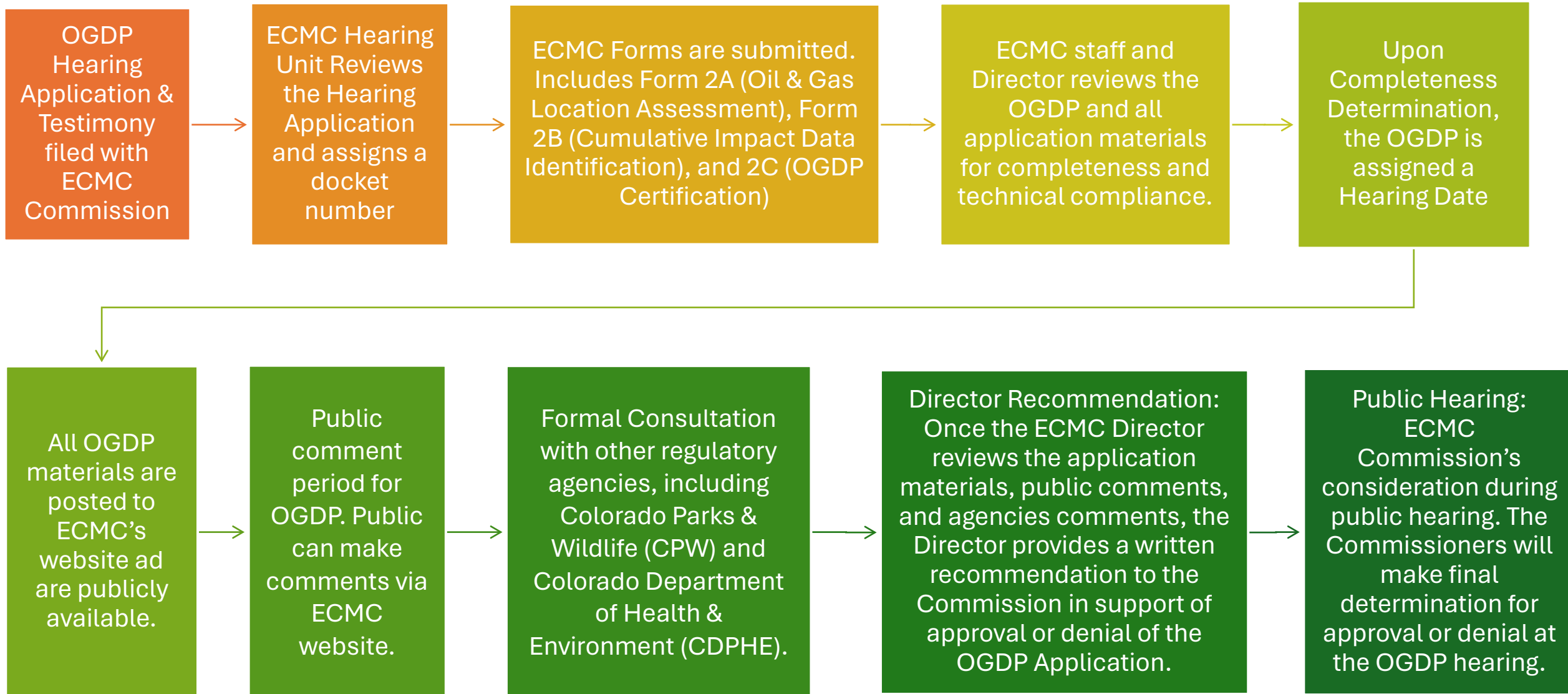
What is an Oil & Gas Development Plan

An approved OGDP gives an operator permission to build one or more new oil and gas locations, or expand existing locations, which may include well pads where oil and gas wells may be drilled.

- Consists of several ECMC forms
 - Form 2A – Location Assessment
 - Form 2B – Cumulative Impacts Data Identification
 - Form 2C – OGDP Certification



OGDP Application & Process



Form 2A Location Assessment Requirements

- Various Maps & Figures
 - Wildlife Maps
 - Hydrology Maps
 - Access Road Maps
 - Soil Figures
 - Location Design Drawings
 - Cultural Distances Figure
 - Disproportionately Impacted Communities Map
- Consultation Summaries
 - CDPHE
 - Local Government
 - Colorado Parks & Wildlife
- Numerous Operations & Mitigation Plans
- Alternative Location Analysis
- Best Management Practices (BMPs)
- Informed Consent

Plans Submitted with Form 2A

304.c.(1) Emergency Spill Response Program

304.c.(2) Noise Mitigation Plan

304.c.(3) Light Mitigation Plan

304.c.(4) Odor Mitigation Plan

304.c.(5) Dust Mitigation Plan

304.c.(7) Safety Management Program

304.c.(8) Operations Emergency Response Plan

304.c.(11) Waste Management Plan

304.c.(13) Fluid Leak Detection Plan

304.c.(14) Topsoil Protection Plan

304.c.(15) Stormwater Management Plan

304.c.(16) Interim Reclamation Plan

304.c.(17) Wildlife Plan

304.c.(18) Water Plan

304.c.(19) Cumulative Impacts Plan

304.c.(20) Community Outreach Plan

304.c.(21) Geologic Hazard Plan

Alternative Location Analysis



ALA PROCESS

1. Identify Possible Locations for Development
2. Analysis and Compare Each Location using Evaluation Criteria
3. Select Preferred Location

During the initial preliminary planning of mineral development, Laramie conducted an internal Alternative Location Analysis (ALA) to determine the best surface location for development. Laramie evaluated several possible locations in the Brush Creek Development Area, including the existing David Pad. When assessing suitable surface locations for development, Laramie always evaluates existing locations first in order to reduce potential surface disturbance.

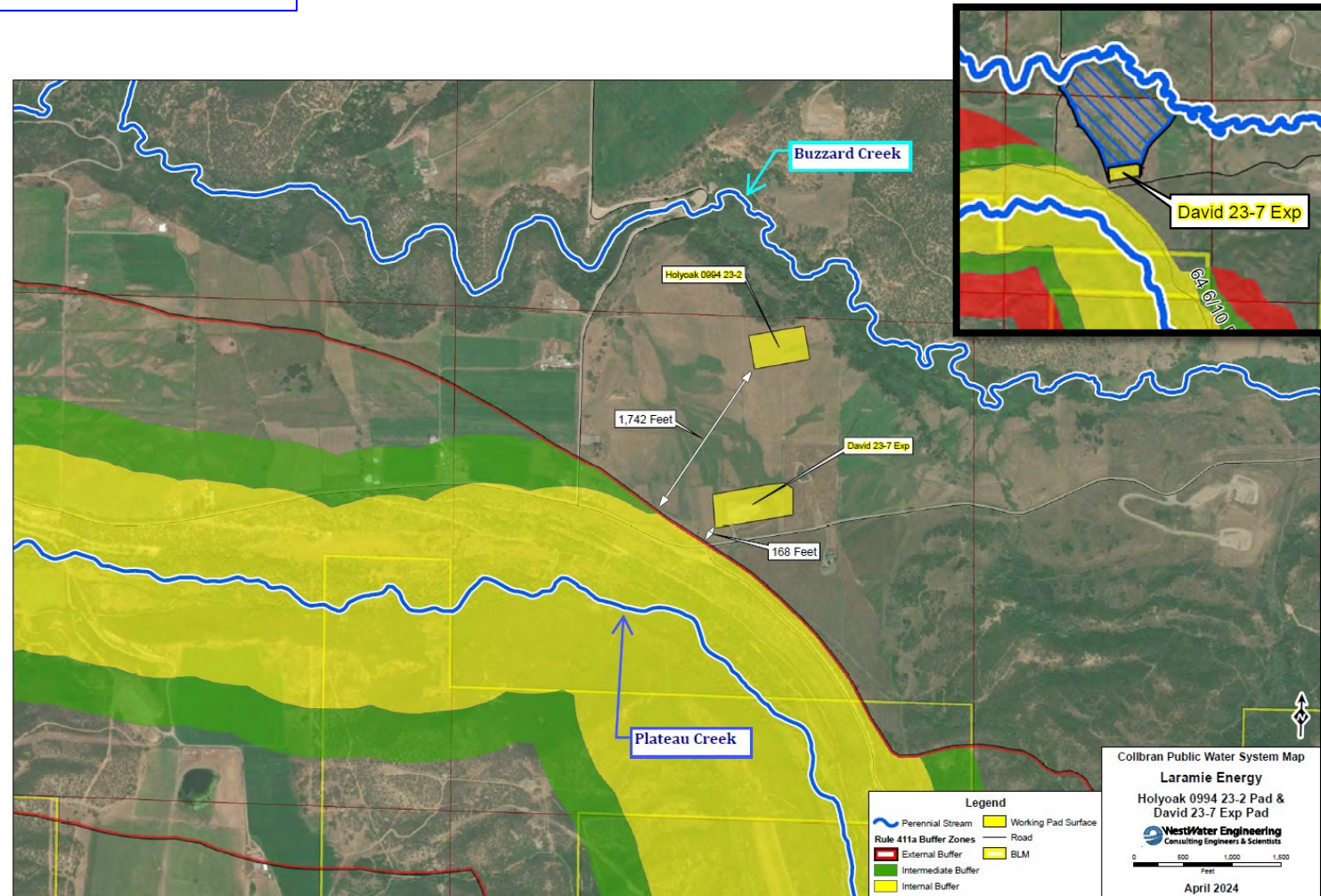
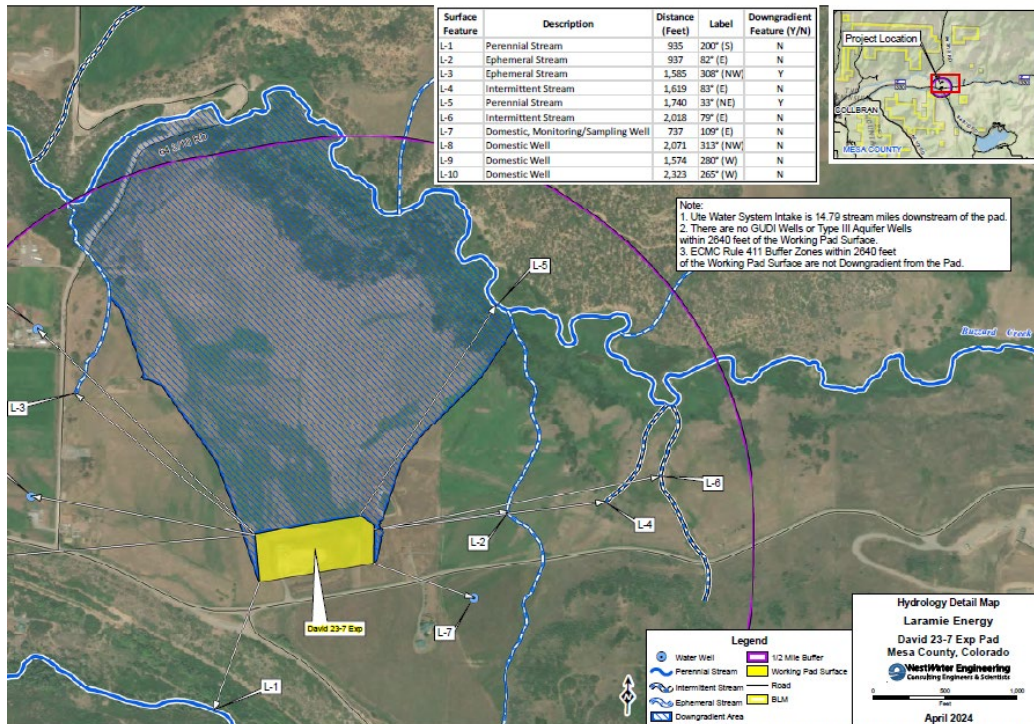
The existing David Pad, a producing pad, was too small to accommodate proposed operations. Laramie retained KLJ Engineering to conduct and assess the ability to expand the existing David Pad to accommodate proposed drilling activities. Due to the topographic restrictions which would result in significant cut and fill imbalances, expanding the David Pad was not feasible.



Existing David Pad

David Pad Expansion is approximately

- 935 feet downgradient of Plateau Creek.
- 168 feet downgradient of Collbran mapped PWS



ECMC 304.c.(1) Emergency Spill Response Program

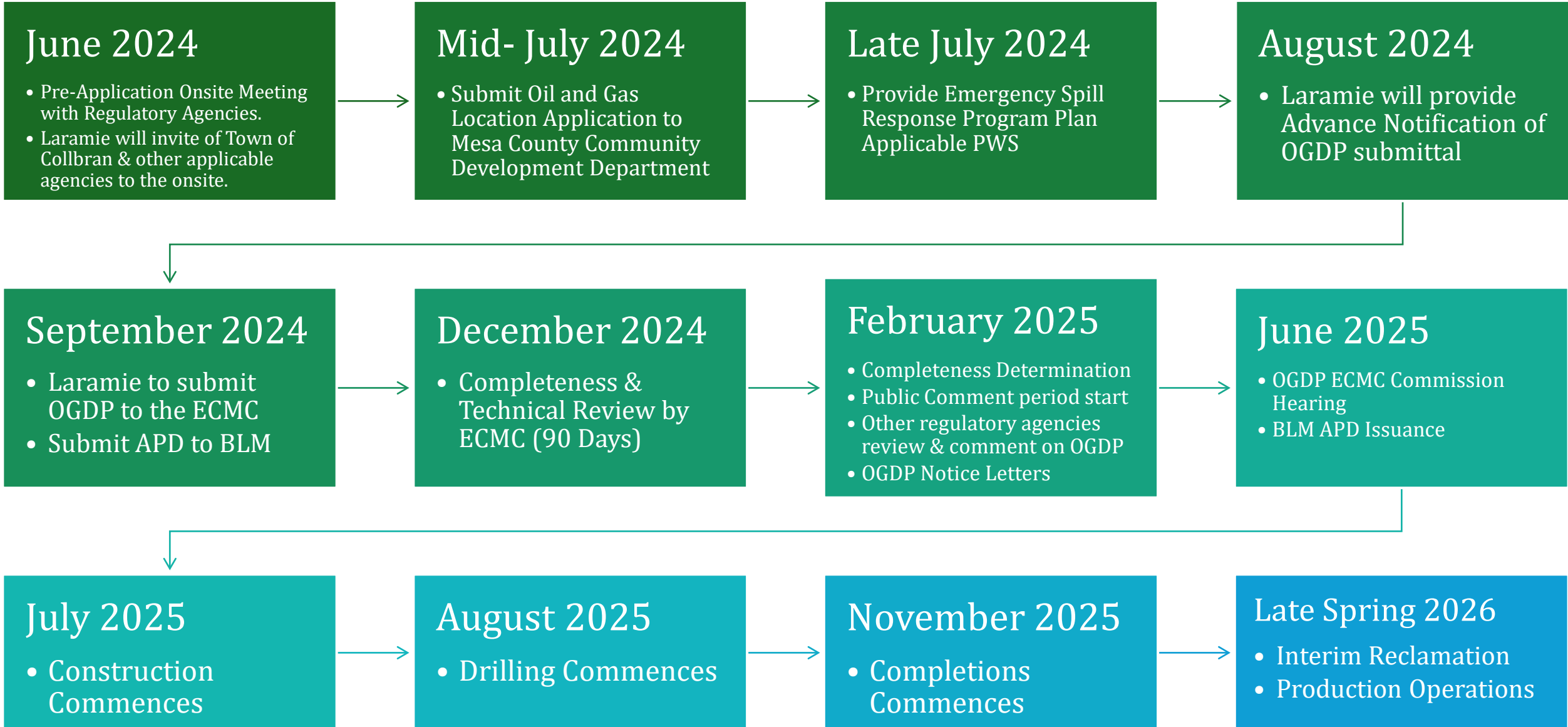


- Town of Collbran PWS is upgradient and near the proposed Brush Creek development area.
- Due to the proximity of the Collbran's Plateau Creek mapped Surface Water Supply Area (ECMC Rule 411.a.(1)), Laramie will consult with the Town of Collbran regarding the Brush Creek development area.
- As part of ECMC requirements, Operators will prepare an Emergency Spill Response Program Plan (ECMC Rule 304.c.(1)) as part of the OGD application.
 - Once prepared & prior to submittal to the ECMC, Laramie will provide the Emergency Spill Response Program Plan to applicable PWS for review and comments.
 - Laramie anticipates comment the Emergency Spill Response Program in late July or August of 2024.
 - The Emergency Spill Response Program Plan will need to be approved by applicable PWS entities prior to submitting as part of the OGD.

Emergency Spill Response Program Plan

- Contact information of all PWS administrative
- Laramie emergency notification contacts
- Spill Response Procedures
- Best Management Practices

Anticipated Permitting and Operations Schedule





Conclusion

Due to proximity of project area near Public Water Systems, Laramie will prepare an Emergency Spill Response Program Plan as required by the Colorado Energy & Carbon Management Commission (ECMC). The plan will require evaluation by the relevant Public Water System (PWS) agency prior to finalization

Laramie will consult with the ECMC to determine if approval of the Emergency Spill Response Program Plan from the Town of Collbran is required. If so, Laramie will actively seek approval from the Town of Collbran to ensure alignment, compliance, and collaboration.

Laramie Energy would like to express our appreciation to the Town of Collbran for their time tonight.



Town of Collbran Board of Trustees Meeting Minutes

Regular Meeting 6 p.m. - Tuesday May 7th, 2024

I. Call to Order

Regular Meeting of the Town of Collbran Board of Trustees was called to order at 6:01pm

II. Pledge of Allegiance

III. Roll Call

Present: Trustees Zentz, Evans, Winkleblack, Price, & Mayor Wilcox

Absent: None

IV. Consent Agenda Consisting of Minutes from April 9th and April 16th, 2024 as well as expenditures from April 2024

Trustee Price requested that the minutes be tabled until the next meeting so they can be edited to be more objective. Trustee Price questioned the expenditures and asked about more detailed reports including receipts. Town Manager explained that more detailed expense reports and/or receipts could be included at the Board's discretion. Trustee Zentz and Evans both remarked that including the receipts in the expense report isn't necessary as it would make the reports long. Town Manager Matarozzo suggested adding a longer description for expenses over a designated amount set by the Board.

Theresa Wilcox inquired about the process for a community member to procure more detailed expense reports and/or receipts. Staff explained that the citizen would submit a CORA request through the front office.

TABLED: MINUTES FROM APRIL 9TH AND APRIL 16TH UNTIL EDITED

MOTION: TRUSTEE EVANS MOVED TO APPROVE THE EXPENDITURES AS PRESENTED: SECONDED BY TRUSTEE ZENTZ.

VI. Presentation by Chris Clark, Laramie Energy, regarding upcoming drilling operations

Representatives from Laramie Energy gave a presentation on an upcoming drilling project that will be taking place near the Town of Collbran's watershed. The runoff will not flow towards or impact the Municipal Water System. Construction is proposed to start in July of 2025. The Laramie Reps also went over their emergency protocols and practices set in place if a spill were to occur. Public comment was given. Laramie reps answered questions.

VII. Presentation of architectural renderings of the Collbran Auditorium and potential direction to design team regarding colors

Chamberlain Architects presented the architectural renderings of the Auditorium renovation to the Board. There was discussion regarding the size and color of ceiling tiles to be used in the renovation. It was decided amongst the Board to use the 2'x2', darker colored ceiling tiles and to also use only one color for the exterior siding.

VIII. Discussion on proposed Memorandum of Agreement between American Legion Buzzard Monce Post 86 and Town of Collbran for Veteran's Memorial Park

Travis Harless from the American Legion came before the board to discuss the proposed Veterans Memorial. A design committee including representatives from the Town and American Legion members, Trustee Winkleblack, Trustee Price, and Admin Assistant, Jenni Adams will be representing the Town.

MOTION: TRUSTEE EVANS MOVED TO APPROVE THE MEMORANDUM OF AGREEMENT WITH THE AMERICAN LEGION AND THE APPOINTMENT OF TRUSTEES WINKLEBLACK AND PRICE AND TOWN ADMINISTRATIVE ASSISTANT ADAMS FOR THE VETERAN'S MEMORIAL PARK DESIGN COMMITTEE; MOTION SECONDED.

Vote Results:

Ayes: Trustees Zentz, Evans, Winkleblack, Price & Mayor Wilcox
Nayes: None

MOTION PASSED

Trustee Zentz	Yes
Trustee Evans	Yes
Trustee Winkleblack	Yes
Trustee Price	Yes
Mayor Wilcox	Yes

MOTION PASSED

Conversation ensued about adding "Corrections or Deletions" to the Agenda. Trustee Price suggested that the Town publish the workshop agendas and/or minutes for the Board of Trustees. Trustee Evans stated that workshop minutes could be useful in case of trustee absence but that workshops are used to educate the Board and not a forum for public comment. Mayor Wilcox asked if it would be possible to zoom the workshops as well.

XVI. Public Correspondence

XVII. Adjournment

MOTION: TRUSTEE PRICE MOVED TO ADJOURN, SECONDED BY TRUSTEE ZENTZ.

Vote Results:

Trustee Zentz	Yes
Trustee Evans	Yes
Trustee Winkleblack	Yes
Trustee Price	Yes
Mayor Wilcox	Yes

MOTION PASSED

Meeting Adjourned at 8:16pm


Approved

Town of Collbran
Board of Trustees
Meeting Minutes May 7, 2024



Attest





ATTACHMENT 2

Presentation to Ute Water June 5, 2024



Laramie Energy, LLC

BRUSH CREEK DEVELOPMENT AREA

Ute Water Conservancy District - Board Meeting

June 5th, 2024



Brush Creek Development Area Presentation



Agenda

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- III. Permitting Requirements**
 - I. Mesa County
 - II. Bureau of Land Management
 - III. Colorado Energy & Carbon Management Commission

Staff Presenting

Chris Clark

Vice President - Field Operations

Katy Middleton

Senior Permitting and Environmental
Planner

Purpose & Objective of Laramie's Presentation

The proposed well pad is upgradient 15 stream miles of Ute Water's Public Water System surface water intake in Molina, Colorado. Due to proximity of project area near Ute Water's mapped Public Water System, Laramie will :

1. Consult with Ute Water Conservancy District
2. Prepare an Emergency Spill Response Program Plan
 - Plan required by the Colorado Energy & Carbon Management Commission (State Regulatory Authority)
 - Plan must be reviewed by the PWS agency.
 - Laramie will seek Ute Water's approval of the plan
 - Laramie will actively seek approval of the Plan from Ute Water to ensure alignment and collaboration.

Acronyms



“ECMC” | Colorado Energy & Carbon Management Commission

“COGCC” | Colorado Oil and Gas Conservation Commission

“CDPHE” | Colorado Department of Public Health & Environment

“CPW” | Colorado Parks & Wildlife

“PWS” | Public Water System

“BMP” | Best Management Practices

“SPCC” | Spill Prevention, Control, and Countermeasure Plan

“AVO” | Audio, Visual, Olfactory Inspections

“BLM” | Bureau of Land Management

“NEPA” | National Environmental Policy Act

Laramie Energy, LLC – Company Overview



- Private Equity LLC created in 2007 as Laramie Energy II, LLC
 - Now known as Laramie Energy, LLC
- Exploration and Development Company
- Operates solely in Western Colorado in the Piceance Basin on Private, BLM, and Forest Service Lands.
- Asset acreage is primarily in the Plateau Valley (Collbran Valley), the White River, and Grand Mesa Uncompahgre National Forests.
- Core operating areas are Plateau Valley (Collbran) and Cascade Creek within the Piceance Basin in Western Colorado.



Brush Creek Development Area Project Proposal

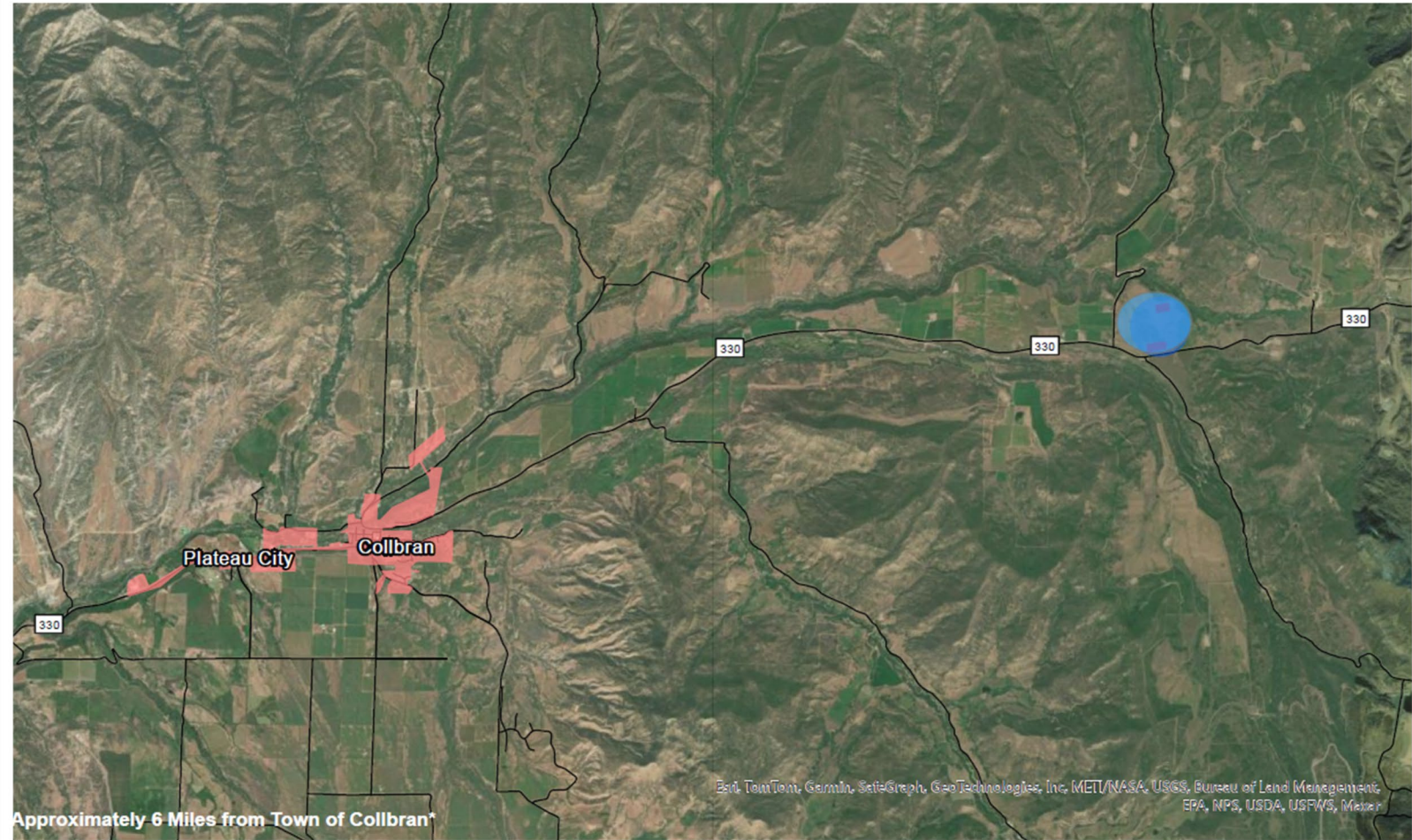


Brush Creek Development Area

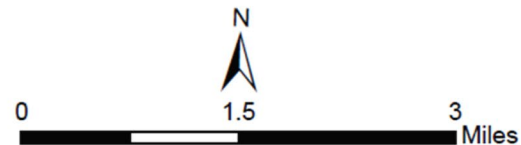


Location Details

- Brush Creek Area
- Approximately 6 mapped miles east of Collbran
- Nearest Public Roads
 - Hwy 330 & 64 3/10 Road



- Brush Creek Development Area
- Possible Locations for Brush Creek Well Pad (Well Pad not Finalized)
- Town of Collbran Municipal Boundary



Vicinity Map
Brush Creek Development Area
Sec 23 T9S, R94W, 6th P.M.
MESA COUNTY, CO

Brush Creek Development Area



- Laramie is proposing one well pad
 - Drill Two (2) Wells
- Oil and Gas Location (well pad) and access road will be constructed on private surface lands.
- Laramie is currently in the preliminary planning stage.

Pipelines to Accommodate Development

- Gas pipelines and water lines in place near location.
- Buried gas pipeline and water line will be installed.
- Additionally, a temporary surface water line will be utilized during pre-production (drilling & completions) activities for fresh water.
- New well pad will tie into existing infrastructure, reducing truck traffic in area.



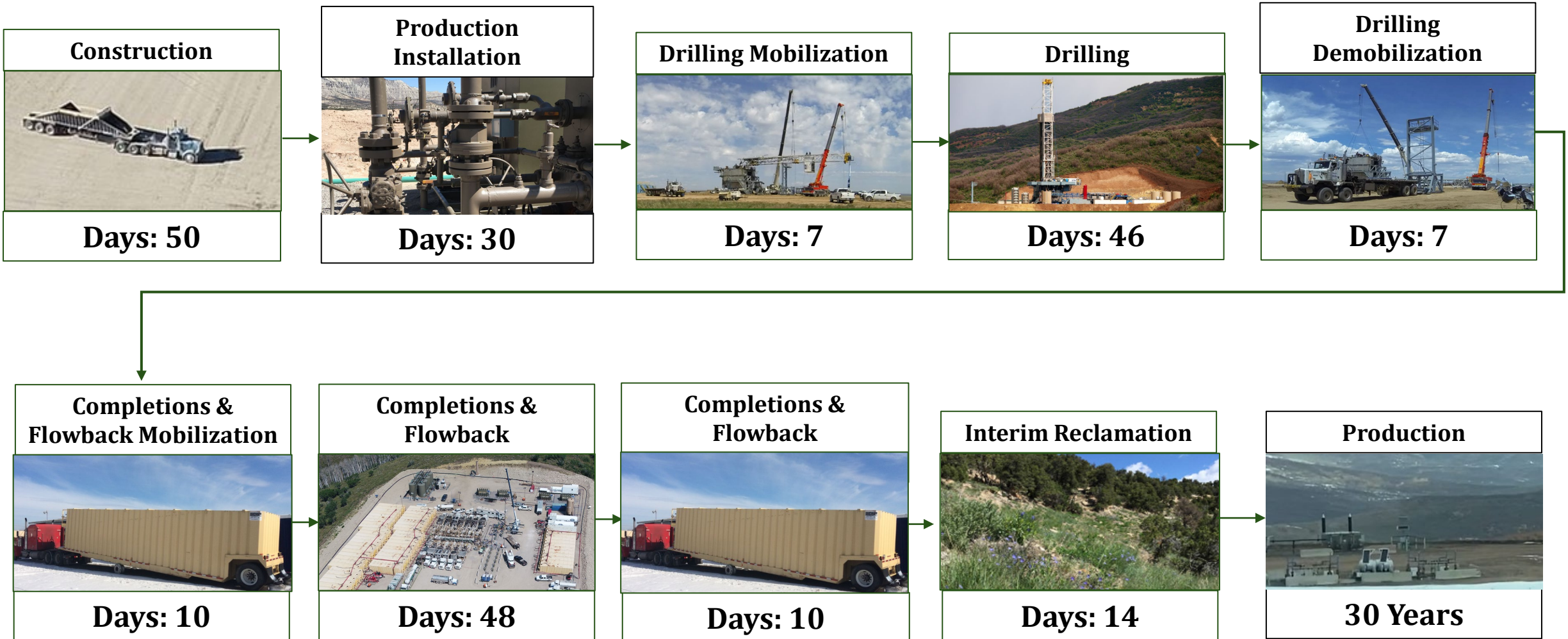
**Brush Creek Development Area
Facing South**

Support Infrastructure

- Water and Gas pipelines
- Harrison Creek Water Treatment Facility
- Primary sources of water for operations
- Mega Vega Gas Compression Facility



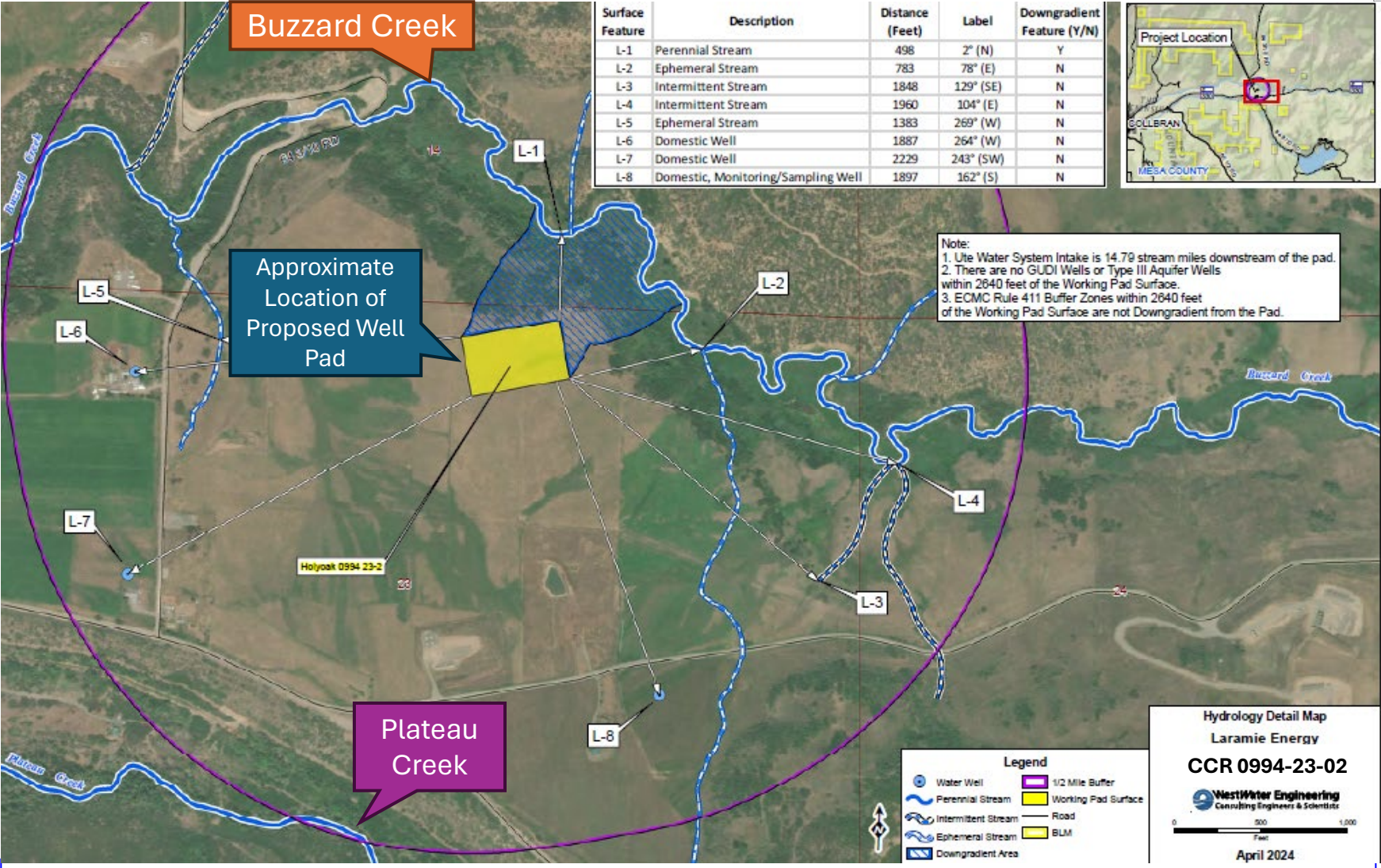
Anticipated Timeframes For Proposed Operations



Hydrology Map



The proposed CCR well pad downgradient path would flow north towards Buzzard Creek. There are no water well within the downgradient path.



Proposed CCR 0994-23-02 Pad - Downgradient Flow Path

Ute Water Mapped Public Water System Intake Buffer



Ute Water PWS
Mapped Buffer

14.79 Stream Miles to
Ute Water System Intake

CCR 0994-23-02
Well Pad

Town of Collbran PWS
(upgradient of Project
Area)

Proposed CCR Well Pad is approximately:

- 500 feet upgradient of Buzzard Creek.
- 14.79 stream miles from the Ute Water System Intake.

Legend

- Perennial Stream
- Downgradient Area
- Rule 411a Buffer Zones
- Internal Buffer
- Intermediate Buffer
- External Buffer
- Working Pad Surface
- Road
- BLM

Public Water System Map
Laramie Energy
CCR 0994-23-02

WestWater Engineering
Consulting Engineers & Scientists

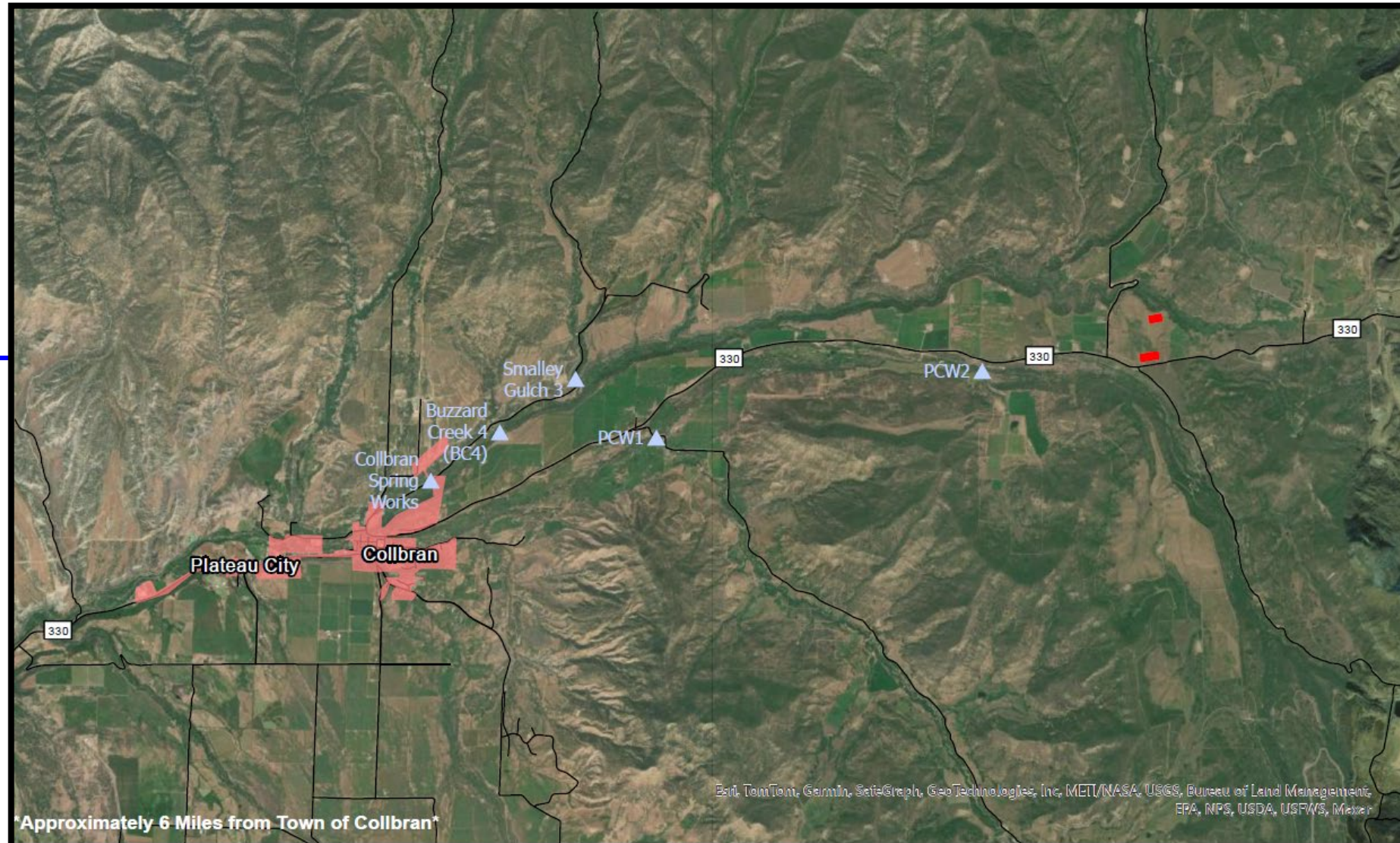
0 1/4 1/2 1 1 1/4
Miles

April 2024



Laramie Energy Quarterly Water Sampling

- Quarterly sampling per Watershed Agreement
- Samples are collected by independent third-party contractor



- ▲ Collbran Water Shed
- Possible Locations for Brush Creek Well Pad (Well Pad not Finalized)
- Town of Collbran Municipal Boundary



0 1.5 3 Miles



Vicinity Map
Brush Creek Development Area
Sec 23 T9S, R94W, 6th P.M.
MESA COUNTY, CO

CDPHE Spill Notification Requirements



Any discharge of pollutants to waters of the state (which include surface water, groundwater, or features like dry gullies or storm sewers leading to surface water) must be reported to 1-877-518-5608 within 24-hours of discovery. The notification must describe, at a minimum:

- The date, time, estimated length of time, and approximate volume of the discharge.
- The cause of the discharge.
- The level of wastewater in the discharging impoundment(s).
- Whether the discharge entered, or could enter, waters of the United States.



COLORADO
Department of Public
Health & Environment

Best Management Practices – Brush Creek Development



- Closed loop solids control system will be utilized with no reserve pits.
- During drilling, completions, and flowback operations, a fully equipped emergency spill response trailer will be staged at the existing David 23-7 well pad, operated 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 approximately 7 miles from the Brush Creek development area.
- 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.
- Production tanks will include remote level monitoring devices to rapidly alert operators of a potential leak or spill.
- Laramie will conduct weekly AVO inspections.
- Spill Prevention, Control and Countermeasure Plan (SPCC) to be prepared.
- Tanks will be installed within secondary containment, in accordance with ECMC regulations. Secondary containment will be sized to contain 150 percent of the volume of the largest tank.



**Laramie Energy
Spill Response Trailer**



Example of a Spill Kit

Brush Creek Development Area Permitting Requirements



County Permitting - Mesa County



Relevant Local Government: Mesa County

Mesa County Zone District: Agricultural, Forestry, Transitional (AFT).

Permit Required: Oil & Gas Locations Application

Per the Mesa County Land Development Code "Oil and Gas Drilling" is an allowed use in the AFT zone district. While Oil and Gas Drilling is an allowed use, Oil and Gas Locations must be permitted within Mesa County.

Laramie will submit an Oil and Gas Location Application to Mesa County. As part of the Oil and Gas Location Application requirements, Laramie will post a public notice sign for at least 15 days.

Mesa County Oil & Gas Site Location - Permitting Process

Submittal of Mesa County Oil & Gas Location Application

Mesa County Community Development Department Reviews Application

Operator posts public notice sign for at least 15 days for public comment. Mesa County sends application to other agencies and county departments during public comment period.

Review and address any public comments received.

Mesa County final review of application, and, if approval, issuance of permit.

Federal Permitting – Bureau of Land Management (BLM)



Mineral Development: Fee and Federal

Federal Development: 1 Well

Permit Required: Application for Permit to Drill (APD)

Laramie intends to develop federal minerals and will obtain an Application for Permit to Drill (APD) from the Bureau of Land Management (BLM). The BLM's APD permitting process involves submitting various documents and plans outlining proposed drilling activities. The BLM will evaluate the application and environmental considerations to ensure compliance with regulations and environmental protection standards before granting approval for proposed drilling operations to proceed.

BLM APD – Permitting Process

Field Surveys
Conducted

Pre-Application
Meetings
including
Onsite Visits
with BLM
Staff

Submit the
Application
Permit to
Drill to the
BLM

BLM receives
application for
completeness

Once the APD
Application is
deemed
complete, BLM
starts preparing
Environmental
Assessment (EA)
in accordance
with NEPA.

BLM evaluates
findings of the
Environmental
Assessment
and finalizes
Decision
Record.

BLM issues
APD

State Permitting – Colorado Energy & Carbon Management Commission

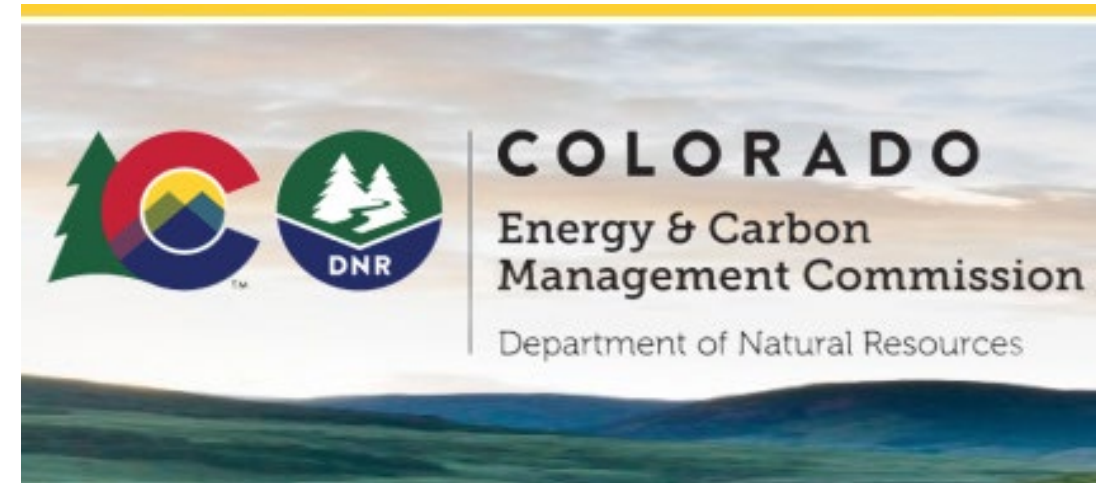


- Oil and gas operations are regulated in Colorado by the Colorado Energy & Carbon Management Commission (“ECMC”)
 - Formerly the Colorado Oil and Gas Conservation Commission (“COGCC”).
- Operators may apply for permits from the ECMC to conduct oil and gas operations such as drilling wells to produce oil and natural gas.
- Effective January 15, 2021, operators must have an approved Oil and Gas Development Plan (“OGDP”) to conduct new oil and gas operations.

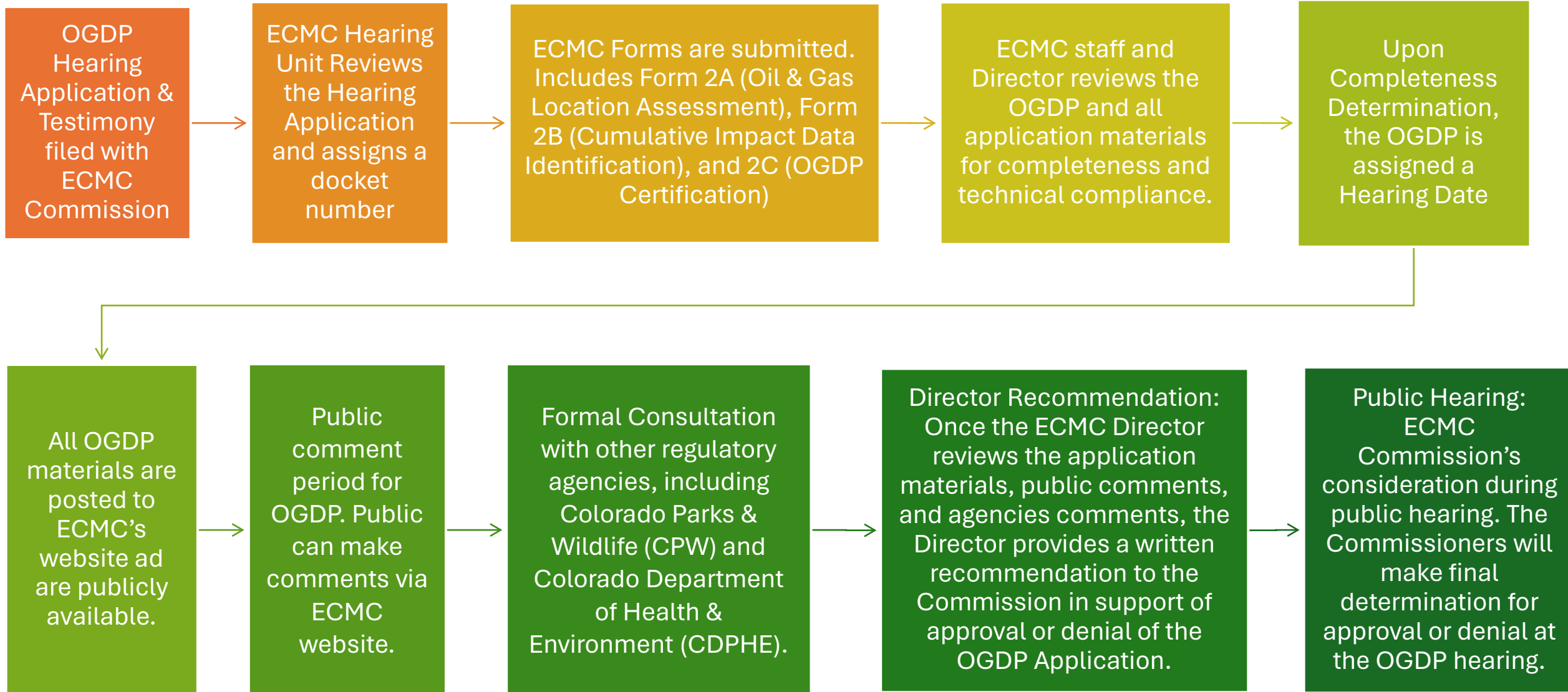
What is an Oil & Gas Development Plan

An approved OGDP gives an operator permission to build one or more new oil and gas locations, or expand existing locations, which may include well pads where oil and gas wells may be drilled.

- Consists of several ECMC forms
 - Form 2A – Location Assessment
 - Form 2B – Cumulative Impacts Data Identification
 - Form 2C – OGDP Certification



OGDP Application & Process



Form 2A Location Assessment Requirements

- Various Maps & Figures
 - Wildlife Maps
 - Hydrology Maps
 - Access Road Maps
 - Soil Figures
 - Location Design Drawings
 - Cultural Distances Figure
 - Disproportionately Impacted Communities Map
- Consultation Summaries
 - CDPHE
 - Local Government
 - Colorado Parks & Wildlife
- Numerous Operations & Mitigation Plans
- Alternative Location Analysis
- Best Management Practices (BMPs)
- Informed Consent

Plans Submitted with Form 2A

304.c.(1) Emergency Spill Response Program

304.c.(2) Noise Mitigation Plan

304.c.(3) Light Mitigation Plan

304.c.(4) Odor Mitigation Plan

304.c.(5) Dust Mitigation Plan

304.c.(7) Safety Management Program

304.c.(8) Operations Emergency Response Plan

304.c.(11) Waste Management Plan

304.c.(13) Fluid Leak Detection Plan

304.c.(14) Topsoil Protection Plan

304.c.(15) Stormwater Management Plan

304.c.(16) Interim Reclamation Plan

304.c.(17) Wildlife Plan

304.c.(18) Water Plan

304.c.(19) Cumulative Impacts Plan

304.c.(20) Community Outreach Plan

304.c.(21) Geologic Hazard Plan

Rule 411.a(4) Spill and Release Notification & Emergency Response.

- **A. Applicability.** *This Rule 411.a.(4) applies to Operators of all new and existing Oil and Gas Locations with a Working Pad Surface within 2,640 feet of surface water that is 15 miles or less upstream from a surface water Public Water System intake.*
- **B. Emergency Response Plan Requirements.** *Emergency response plans maintained by Operators pursuant to Rule 602.j will include current contact information for the administrators of all Public Water Systems with a surface water intake within 15 miles downstream.*
- **C. Spill and Release Notification.** *No later than when the Operator provides the Director with notice pursuant to Rule 912.b.(1), the Operator will notify the administrators of all Public Water Systems with a surface water intake within 15 miles downstream in the event of a Spill or Release if the Spill or Release is reportable pursuant to Rule 912.b.(1).A and has the potential to impact the Public Water System The Emergency Spill Response Program Plan will need to be approved by applicable PWS entities prior to submitting as part of the OGD.*

ECMC 304.c.(1) Emergency Spill Response Program



- Ute Water's Mapped PWS surface intake is located downgradient within 15 stream miles from the proposed well pad.
- Due to the proximity of the Ute Water's Buzzard Creek mapped Surface Water Supply Area (ECMC Rule 411.a.), Laramie will consult with the PWS agency regarding the Brush Creek development area.
- As part of ECMC requirements, Operators will prepare an Emergency Spill Response Program Plan (ECMC Rule 304.c.(1)) as part of the OGD application.
 - Once prepared & prior to submittal to the ECMC, Laramie will provide the Emergency Spill Response Program Plan to Ute Water for review and comments.
 - Laramie anticipates providing the Emergency Spill Response Program for review and comment in late July or August of 2024.
 - The Emergency Spill Response Program Plan will need to be approved by Ute Water PWS prior to submitting as part of the OGD.

Emergency Spill Response Program Plan

- Contact information of all PWS administrative
- Laramie emergency notification contacts
- Spill Response Procedures
- Best Management Practices

Anticipated Permitting and Operations Schedule

July 2024

- Pre-Application Onsite Meeting with Regulatory Agencies.
- Laramie will invite of Ute Water other applicable agencies to the onsite.

Late July 2024

- Provide Emergency Spill Response Program Plan Applicable PWS
- Submit Oil and Gas Location Application to Mesa County Community Development Department

August 2024

- Laramie will provide Advance Notification of OGDG submittal

September 2024

- Laramie to submit OGDG to the ECMC
- Submit APD to BLM

December 2024

- Completeness & Technical Review by ECMC (90 Days)

February 2025

- Completeness Determination
- Public Comment period start
- Other regulatory agencies review & comment on OGDG
- OGDG Notice Letters

June 2025

- OGDG ECMC Commission Hearing
- BLM APD Issuance

July 2025

- Construction Commences

August 2025

- Drilling Commences

November 2025

- Completions Commences

Late Spring 2026

- Interim Reclamation
- Production Operations



Conclusion

Due to proximity of project area near Public Water Systems, Laramie will prepare an Emergency Spill Response Program Plan as required by the Colorado Energy & Carbon Management Commission (ECMC). The plan will require evaluation by the relevant Public Water System (PWS) agency prior to finalization. Laramie will actively seek approval from Ute Water to ensure alignment, compliance, and collaboration.

If so, Laramie will actively seek approval from Ute Water to ensure alignment, compliance, and collaboration.

Laramie Energy would like to express our appreciation to Ute Water for their time and consideration.





ATTACHMENT 3

Correspondence with Ute Water Following June 5th Meeting

From: [Dave Payne](#)
To: [Katy Middleton](#)
Subject: RE: EXTERNAL RE: Laramie Energy Brush Creek Development
Date: Thursday, June 6, 2024 11:13:22 AM
Attachments: [image003.png](#)
[image001.png](#)

CAUTION: This email originated from outside of the organization. Further inspection is required if the message contains attachments or links.

Thank you Katy, much appreciated and look forward to working with you in the future!
Have a great day!



Dave Payne | Assistant General Manager

Ute Water Conservancy District
2190 H ¼ Road, Grand Junction, CO 81505
P: (970) 256-2855
M: (970) 260-2794

"The dictionary is the only place where success comes before work"



From: Katy Middleton <kmiddleton@laramie-energy.com>
Sent: Thursday, June 6, 2024 9:58 AM
To: Greg Williams <gwilliams@utewater.org>; Dave Payne <dpayne@utewater.org>; Larry Clever <lclever@utewater.org>
Cc: Chris Clark <cclark@laramie-energy.com>; Matt Kasten <mkasten@laramie-energy.com>
Subject: EXTERNAL RE: Laramie Energy Brush Creek Development

[CAUTION!] This email originated from outside your organization. DO NOT click on links or open attachments that you specifically did not request or that came from unknown senders.

Greetings All,

Just a follow-up regarding the questions posed during yesterday's meeting.

- Potential maximum CFS (cubic feet per second) Laramie would pull from Buzzard Creek.
 - Laramie response: Approximately ~70 bbl/min or 4.8 CFS for fresh water take
- Obtaining analytical results from Laramie's quarterly water sampling of Collbran's Watershed Agreement.
 - Entrada Consulting Group (Grand Junction) collects the water samples and provides the analytical results to Laramie.
 - Matt Kasten, Laramie's Environmental Coordinator, contact information is below. Matt can help assist with this.
 - Matt Kasten | Environmental Coordinator
 - 970.901.9007
 - mkasten@laramie-energy.com

Thank you and please do not hesitate to contact Laramie with any additional questions.

Kind Regards,

Katy Middleton | Senior Permitting and Environmental Planner



760 Horizon Drive, Suite 101
Grand Junction, CO 81506
kmiddleton@laramie-energy.com
Cell: 970.985.8240

From: Katy Middleton

Sent: Wednesday, June 5, 2024 6:39 PM

To: gwilliams@utewater.org; dpayne@utewater.org; lclever@utewater.org

Cc: Chris Clark <cclark@Laramie-Energy.com>

Subject: Laramie Energy Brush Creek Development

Dear Ute Water representatives,

Thank you so much for your time this afternoon and the opportunity for Laramie to present our proposed Brush Creek development. Please do not hesitate to reach out with any questions or if you would like any additional information. We will get back to you on your questions very soon.

It was wonderful meeting you all today!

Best,

Katy Middleton | Senior Permitting and Environmental Planner

760 Horizon Drive, Suite 101



ATTACHMENT 4

Pre-Application Onsite Meeting Notes July 10, 2024

Onsite Attended by Town of Collbran & Ute Water

**PRE-APPLICATION ONSITE MEETING – JULY 10, 2024
 PROPOSED CCR 0994-23-02 WELL PAD
 LARAMIE ENERGY, LLC**

- Minerals to be Development from Section 23, 14 & 11 of Township 9 South, Range 93 West
 - Fee Minerals Sec. 23, 14, and 11
 - Federal Wells Sec. 11 (NE Qtr.) - Federal Lease: 50945

SURFACE OWNER & SURFACE USE AGREEMENT (SUA)

Surface: Fee Surface

Surface Owner: Colorado Canyon Ranch = CCR

Laramie is currently working with the landowner to establish an SUA. The Surface Owners are in support of the development. Well pad, access road, and pipeline will be located on surface owned by Colorado Canyon Ranch (multiple parcels owned by CCR). All production equipment will be located on one (rather than across) parcel.

ACCESS ROAD: An access road will be constructed to access the project area from Mesa County Road 64 3/10 (also known as Brush Creek Road). The access road will be located on private Fee surface. KLJ has designed the access road to minimize visual impacts from traffic and met BLM’s Gold Book Standards.

PIPELINE

About 900 feet of gas pipeline and water line will be installed south of the pad to connect to a tie-in located directly south of the proposed well pad.

PROJECT PROPOSALS

- **Horizontal Wells**
 - Well heads were placed on cut or directly adjacent to the cut/fill to minimize permanent equipment on fill
 - Water-based drilling mud for vertical
 - Oil-based drilling mud for horizontal
 - Drill cuttings will be hauled for disposal
 - Drilling cuttings will result in about 80 truck = 160 truck trips

Water-Based Drill Cuttings	Utilized for the vertical portion (Approximately 9,000 ft)	Estimate 320 cubic yards per well	1,080 Cubic Yards for the Well Pad
Oil-Based Drill Cuttings	Utilized for the horizontal portion (Approximately 11,000 feet)	Estimate 220 cubic yards per well	

Five (5) production tanks are planned for the well pad. The tanks will be 400 barrels each, with a total capacity of 2,000 barrels for Location. All production equipment will be located on the “cut” portion of pad.

Oil Tanks		Produced Water Tanks		Gunbarrel Tanks		Sand Tank	
# Of Tanks	Barrels	# Of Tanks	Barrels	# Of Tanks	Barrels	# Of Tanks	Barrels
1	400	2	800	1	400	1	400

Tanks that will be installed at the CCR Pad will have a capacity of 400 barrels each with a total capacity of 2,000 barrels for the Location. Each tank will be located more than 3 feet apart in accordance with ECMC Rule 608.a.(2).A. Installed tanks will be connected to combustors and will not be vented. Laramie will label all tanks on the subject pad to comply with ECMC Rule 605.h. and Rule 608.a.(12).

**PRE-APPLICATION ONSITE MEETING – JULY 10, 2024
 PROPOSED CCR 0994-23-02 WELL PAD
 LARAMIE ENERGY, LLC**

Tanks will be installed within secondary containment, in accordance with ECMC Rule 603.o.(1). Secondary containment will be sized to contain 150 percent of the volume of the largest tank. All proposed tanks have a capacity of 400 barrels. The capacity for secondary containment, therefore, will be sized to contain a minimum of 600 barrels. The containment will be constructed of metal wall and spray-in liner. Spray-in liner is more durable and has a longer lifespan than HDPE liners. The spray-in liner will minimize potential spill incidents and impacts.

HIGH PRIORITY HABITAT (HPH)

Currently, no surface disturbance is anticipated within HPH. Within a half-mile radius of the proposed CCR well pad exists the following mapped HPH exist.

CPW MAPPED HPH	Distance (ft) From WPS	Disturbance (Acres)
Elk Winter Concentration ECMC Rule 1202.d. Density	613	0
Aquatic Native Species Conservation Waters	66	0

Aquatic Native Species Conservation Waters Buffer is along Buzzard Creek & is downgradient of the site; however, no disturbance will occur to this HPH. Dense vegetation exists on the slope between Buzzard Creek and the site, which would help buffer any erosion or runoff impact on Buzzard Creek. In addition, the fracking fluid proposed for use at this site is fresh water, which poses a much smaller risk to aquatic life in Buzzard Creek than a traditional fracking solution (see “Water Sources”).

Frac tanks would locate onsite during completions and flowback to store flowback water. However, Niobrara / Mancos wells are known to be dry wells and are not anticipated to generate the volume of flowback water that occurs from the Williams Fork / Iles formation.

North of the proposed well pad is Elk Winter Concentration (ECMC Rule 1202.d. Density). No disturbance is within this HPH and during the 2024 CPW map revisions, the Elk Winter Concentration reduced in size.

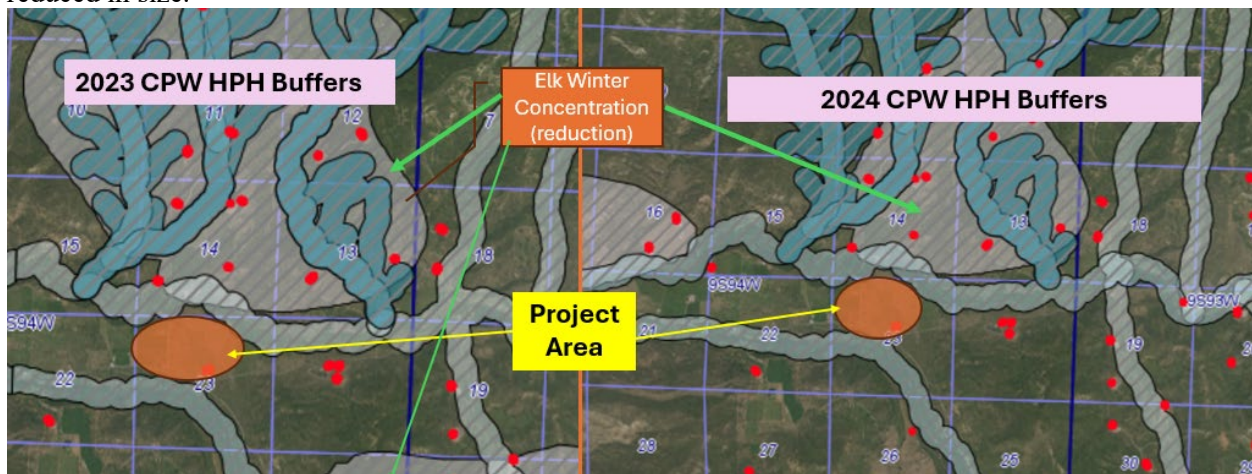


Figure 1. CPW 2023 to 2024 Changes to Mapped HPH

CPW was not able to attend onsite, but Laramie consulted with CPW via virtual meetings. CPW has not expressed any concerns regarding the project.

**PRE-APPLICATION ONSITE MEETING – JULY 10, 2024
PROPOSED CCR 0994-23-02 WELL PAD
LARAMIE ENERGY, LLC**

PUBLIC WATER SYSTEMS INTAKE

Within 15 streams miles of Ute Water Conservation District (Ute Water) surface intake. Laramie has consulted with Ute Water at their GJ office on June 5, 2024. Ute Water attend the July 10, 2024, onsite meeting.

Laramie will prepare an Emergency Spill Response Program Plan (ESRP) per ECMC rules. Laramie will provide the (ESRP) to Ute Water for review, comments, and approval.

FIELD SURVEYS

Biological, wetlands, and surface water surveys were conducted in June of 2024 by WestWater Engineering. The proposed project will not result in disturbance to wetlands. If this project is approved, a raptor nest survey covering a 0.5 mile buffer around the work area must be conducted no more than two weeks in advance of construction.

WATER SOURCES

Laramie is proposing 100% fresh water usage for this project. Laramie explained the lack of infrastructure to meet water volumes needed during completions resulted in Laramie assessing other water sources. Laramie concluded that utilizing fresh water from Buzzard Creek would result in the least amount of impact. Laramie is proposing to lay a temporary surface line for fresh water intake from Buzzard Creek.

- Will reduce truck traffic associated with project
- Fresh water will be sourced from
 - Laramie Ground Hog Gulch Pond
 - Purchased from Currier Reservoir
- Will only be utilized during drilling & completions.
- No disturbance associated with activity
- Daily inspections of lines and equipment will occur – operation will be manned 24/7

Below are the current estimates for fresh water usage per horizontal well.

Activity	Fresh Water Per Well (BBL)	Acre-Feet Per Well
Drilling	11,500	1.1
Completions	525,000	57.8
Total	536,500	58.9

Name	Owner	Parcel #	Coordinates: Latitude/ Longitude	Water Source
Groundhog Gulch Pond	Laramie Energy, LLC 1001 17 th Street Suite 1900 Denver, CO 80202	2661-282-00-319	39.251261°/ -107.781546°	Pond (Surface Water) <i>Operator Owned</i>
Currier Reservoir	Vander Laan Merial C PO Box 27059 Denver, CO 80227-0059	2657-071-00-003	39.290369°/ -107.718387°	Reservoir (Surface Water) <i>Purchased</i>

Fresh Water Take-Out BMPs (As discussed with CPW)
Water suction hoses shall be new and previously unused OR: Disinfect water suction hoses and water transportation tanks withdrawing from or discharging into surface waters (other than contained pits) used previously in another river, intermittent, or perennial stream, lake, pond, or wetland and discard rinse water in an approved disposal facility.

PRE-APPLICATION ONSITE MEETING – JULY 10, 2024
PROPOSED CCR 0994-23-02 WELL PAD
LARAMIE ENERGY, LLC

Disinfection practices will be repeated prior to completing work and before moving to the next water body. Disinfection will be performed by pre-rinsing equipment away from water bodies to remove all mud, plants, and organic materials and then by implementing one of the following practices: <ul style="list-style-type: none">• Spray/soak equipment with CPW-approved disinfectant solution capable of killing whirling disease spores and other aquatic nuisance species defined by CPW; or• Spray/soak equipment with water greater than 140 degrees Fahrenheit for at least 10 minutes. All equipment and any compartments they contain will be completely drained and dried between each use.
Operator will not release unused water from water transportation tanks into rivers, intermittent, or perennial streams, ponds, lakes, or wetlands. Unused water will be discharged into upland habitats away from these water sources to avoid possible spread of aquatic nuisance species and disease vectors.
If the pump head to the water takeout is to be located in a river or stream channel where larval fish are known to occur the following measures will apply: <ul style="list-style-type: none">• Do not situate the pump in a low-flow or no-flow area as these habitats tend to concentrate larval or young-of-year fishes. Instead place the pump into fast moving/riffle habitat.
Screen all pump intakes with ¼” or finer mesh material.
Operator will first employ best management practices such as eco-Matting, tracking pads, etc. to protect stream banks, wetlands, and riparian vegetation.

STORMWATER

Stormwater control measures were discussed during the onsite. At the time of the onsite, the interim reclamation drawing (production pad) was not provided since Laramie and KLJ are working on a design to satisfy the Surface Owners request of 15 feet from the parcel line.

Laramie discussed stormwater control measures with the BLM. Ute Water inquired about stormwater control measures and direction of flow. The pad has been designed by KLJ for a 2 year / 24 hr. storm event.

For construction / pre-production pad, KLJ designed the pad with a significant sized stormwater detention pond along the eastern side.

SPILL RESPONSE

During drilling, completions, and flowback operations, a fully equipped emergency spill response trailer will be staged at an adjacent David 23-7 well pad 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). 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.

BLM suggested installing culverts near pad and along the road accessing the pad have manually operated gates as a spill control feature. BLM also asked which way stormwater would drain from pad in the event of a spill as Buzzard Creek is relatively near and steeply downhill from the proposed site. It appears that stormwater in the construction phase would drain to a large sediment basin below the pad. Unclear where stormwater would drain during interim reclamation. BLM recommends that Laramie consider directing stormwater to the west along the access road towards the private pond, instead of towards Buzzard Creek. If stormwater cannot be drained, west, recommend including a comprehensive list of BMPs such as perimeter berms, culvert gates, secondary containments, etc in the APD.

PRE-APPLICATION ONSITE MEETING – JULY 10, 2024
PROPOSED CCR 0994-23-02 WELL PAD
LARAMIE ENERGY, LLC

Stormwater is designed in all phases of construction to stay near site or flow east or west from the site with a focus of not allowing anything to discharge towards Buzzard Creek to the north. One main function of protection to the north is the berm designed at the edge of working disturbance that will perform as protection if an undesirable event were to occur. During construction and drilling operations, east of the location is a large sediment and stormwater basin designed/sized according to a 2 year – 24 Hour storm where no water is expected to leave but rather permeate. The rest of the site is designed to flow west down ditches and sediment traps until following the roadside ditch where it can either continue down the road or be transported north via headgate. Headgate if needed could be utilized to contain free fluids if an spill event was to send fluids down roadside when closed. During the production phase, after interim reclamation, the stormwater will basically function in same logistics but with a smaller footprint and no large basin to hold large amounts of water. When interim reclaim is completed all water will be transported west by ditches, sediment traps, culverts, and roadside ditches where a stock pond and/or field will be ending point (dependent upon Landowner preference and watering needs).

Laramie is currently working with the landowner regarding the irrigation ditch just south of the proposed pad. Since the surface is Fee surface, Laramie and the Surface Owner will on a route for the irrigation ditch outside the scope of permitting the project. As of 072324, the Surface Owner, prefers the irrigation ditch to be re-routed to the east.

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

- The nearest public road crossroads are Highway 330 & 64 3/10 Road (Mesa County roads).
- Two (2) RBUs within 2000 ft of Working Pad Surface
 - Nearest RBU: ~1873 ft west of CCR Pad
 - ~1948 feet southeast of CCR Pad
- Three RBUs between 2000-2500 ft from CCR Pad
- A total of 12 RBUs within one mile

Laramie has been in communication with the 5 RBUs that are less than 2,500 feet. One RBU within 2000 ft has a tenant. No RBU or tenants have expressed any concern regarding the project.

WEEDS

The area is used for pasture for grazing livestock. BLM identified some weeds within the proposed disturbance area and suggested spraying for weeds prior to construction activities. Laramie will have to ask about spraying prior to construction since the Surface Owner does use the land for grazing. No livestock was present during the onsite meeting.

ALTERNATIVE LOCATIONS

Laramie analyzed several alternative locations when designating a site for the proposed development. Laramie took into consideration parcel boundaries, surface ownership, accessibility, HPH, proximity to RBUs, topography, and disturbance. Laramie analyzed the existing David 23-7 to the south; but current pad size would not accommodate proposed drilling and completions equipment. Laramie has KLJ assess expanding the pad within the parameters of the parcel boundary; however, the expansion would result in an 80,000-cy fill imbalance and would require 80,000 cy of dirt to be trucked to construct the expanded pad. The David 23-7 would also be closer to an RBU at 535 feet.

EMISSIONS

- Emissions Modeling Inventory Tool (EMIT): Laramie will prepare data and submit the EMIT Form for the Federal APD. Data will include truck trips from cuttings hauling.

PERMITS REQUIRED

**PRE-APPLICATION ONSITE MEETING – JULY 10, 2024
 PROPOSED CCR 0994-23-02 WELL PAD
 LARAMIE ENERGY, LLC**

Laramie is aiming to submit the Federal APD and the ECMC OGDG in early Fall 2024.

Mesa County	ECMC	BLM
<ul style="list-style-type: none"> • Oil and Gas Location Application • Driveway Access Permit 	(Oil and Gas Development Plan – OGDG) <ul style="list-style-type: none"> • Form 2A – Location Assessment • Form 2B – Cumulative Impacts • Form 2C – OGDG Certification 	<ul style="list-style-type: none"> • 1 Federal APD

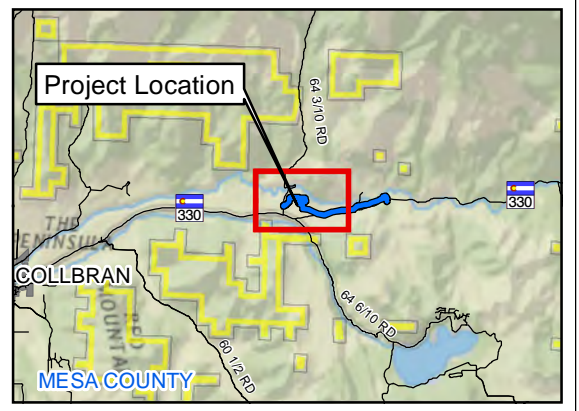
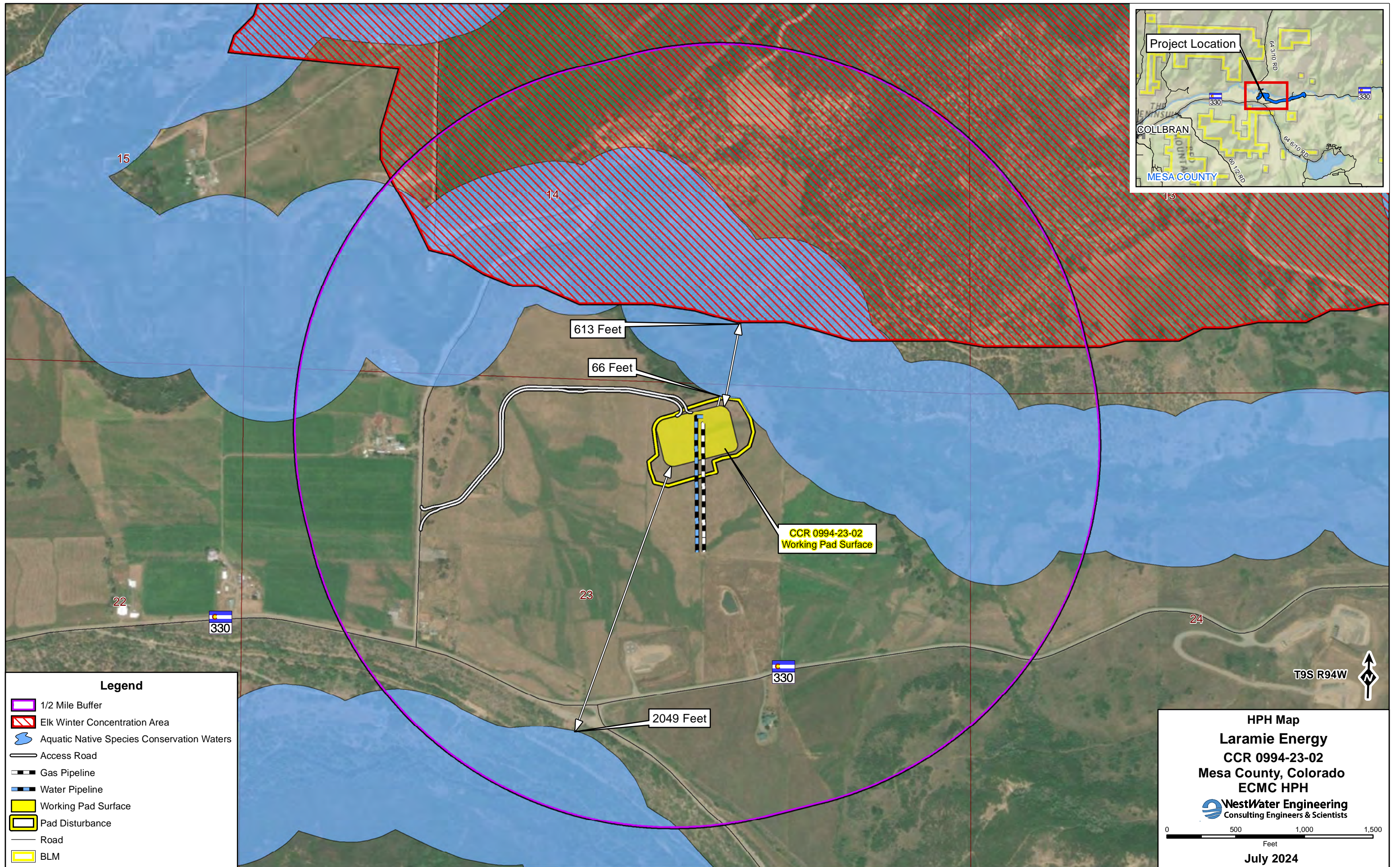
ACTION ITEMS

- Laramie will ask the Surface Owner about the irrigation heads that are located within the Area of the Disturbance.



- Laramie will prepare a figure showing the proposed temp fresh water line, proposed buried water line, and existing infrastructure lines.
- Laramie to edit notes to show 900 feet of the proposed buried pipeline.





613 Feet

66 Feet

CCR 0994-23-02
 Working Pad Surface

2049 Feet

15

14

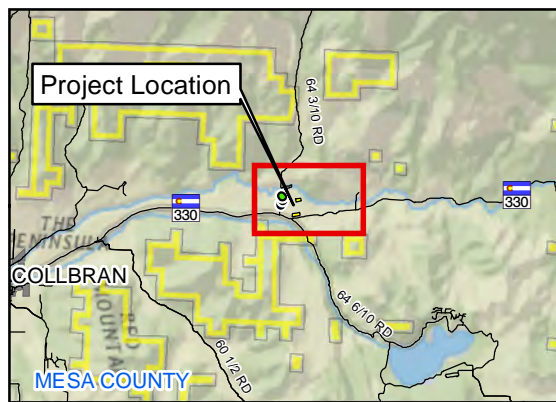
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23

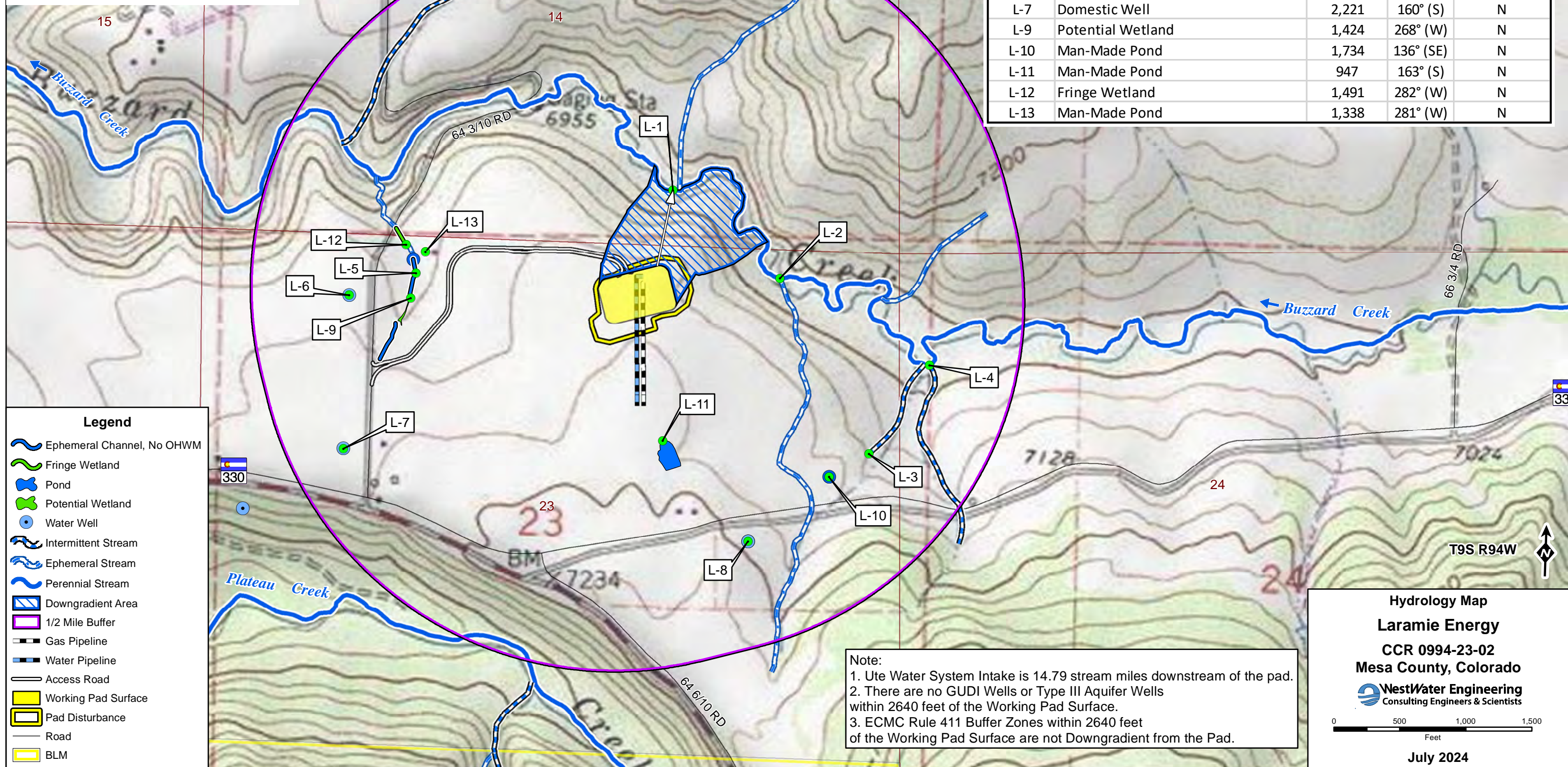
24

330

330



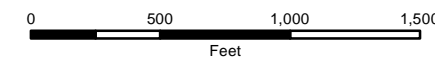
Surface Feature	Description	Distance (Feet)	Direction	Downgradient Feature (Y/N)
L-1	Perennial Stream	578	12° (N)	Y
L-2	Ephemeral Stream	805	77° (E)	N
L-3	Intermittent Stream	1,840	127° (SE)	N
L-4	Intermittent Stream	1,972	104° (E)	N
L-5	Ephemeral Stream	1,387	274° (W)	N
L-8	Domestic, Monitoring/Sampling Well	1,848	269° (W)	N
L-6	Domestic Well	1,889	244° (SW)	N
L-7	Domestic Well	2,221	160° (S)	N
L-9	Potential Wetland	1,424	268° (W)	N
L-10	Man-Made Pond	1,734	136° (SE)	N
L-11	Man-Made Pond	947	163° (S)	N
L-12	Fringe Wetland	1,491	282° (W)	N
L-13	Man-Made Pond	1,338	281° (W)	N



Note:
 1. Ute Water System Intake is 14.79 stream miles downstream of the pad.
 2. There are no GUDI Wells or Type III Aquifer Wells within 2640 feet of the Working Pad Surface.
 3. ECMC Rule 411 Buffer Zones within 2640 feet of the Working Pad Surface are not Downgradient from the Pad.

Hydrology Map
 Laramie Energy
 CCR 0994-23-02
 Mesa County, Colorado

WestWater Engineering
 Consulting Engineers & Scientists



July 2024



NO.	DATE	REVISION

DRAFTED	JRH
REVIEWED	MJK
PROJECT NUMBER	2307-01465.2
ISSUE DATE	7/22/24

CCR 0994-23-02 WELL PAD DESIGN
 LARAMIE ENERGY, LLC
 NWNE OF SECTION 23, T.9S., R.94W., 6TH P.M., MESA COUNTY, CO
CONSTRUCTION LAYOUT

SHEET
7.01

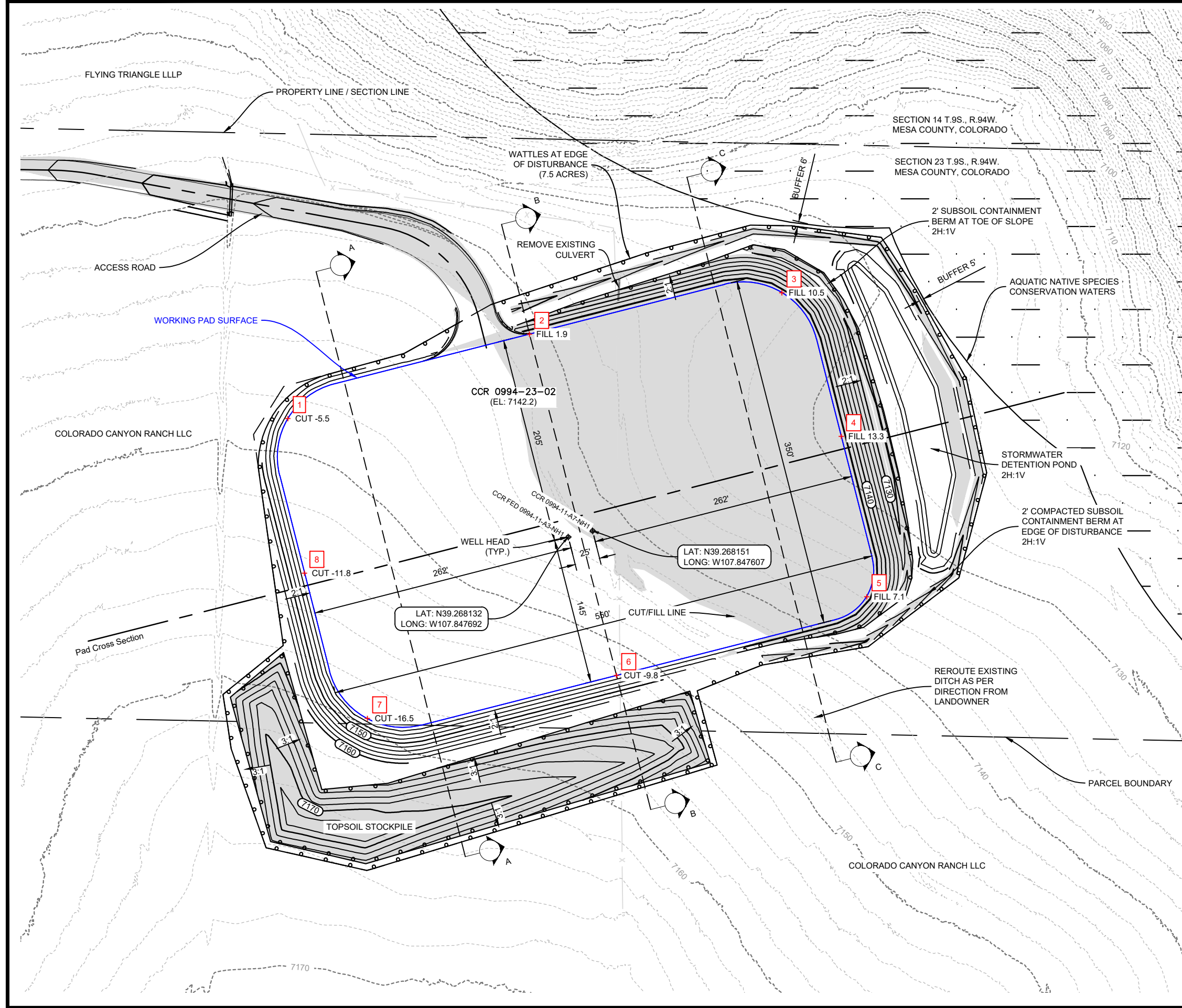
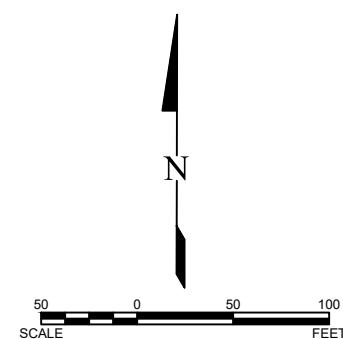
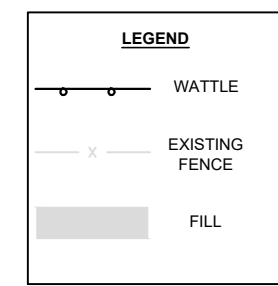
STORMWATER VOLUME
 DESIGN STORM = 2-YEAR 24-HOUR
 NOAA POINT PRECIP. = 1.28 INCHES
 REQUIRED STORAGE VOLUME = 35,532 CUBIC FEET*
 (1.28 IN / 12 IN/FT * 7.5 AC * 43560 SQFT/AC)
 (* ASSUMES ZERO LOSS (E.G., INFILTRATION/EVAPORATION))
 VOLUME PROVIDED = 44,037 CUBIC FEET**
 (** INCLUDES FREEBOARD VOLUME)

STORMWATER BASIN DIRT BALANCE (IN CUBIC YARDS)
 BASIN: CUT = 2,138 / FILL = 56; NET = 2,082 CY (CUT)

PAD VOLUME SUMMARY
 CUT FACTOR = 1.0
 CUT VOLUME = 32,444 CY (INCLUDES STORMWATER BASIN)
 FILL FACTOR = 1.15 (COMPACTION)
 FILL VOLUME = 31,133 CY
 NET = 1,311 CY (CUT)

TOPSOIL VOLUME
 EXISTING TOPSOIL DEPTH = 6.00 INCHES*
 (*AREA WEIGHTED AVERAGE DEPTH)
 AREA OF DISTURBANCE = 7.5 (ACRES)
 WORKING PAD SURFACE = 4.3 (ACRES)
 TOPSOIL VOLUME = 6,076 CY
 TOPSOIL STOCKPILE VOLUME = 6,502 CY

- NOTES**
1. CONTOUR INTERVAL IS 2 FEET.
 2. EXISTING TOPOGRAPHY AND FEATURE DATA WERE COLLECTED BY WASATCH SURVEYING.
 3. WELL PAD DIMENSIONS AND EQUIPMENT LAYOUTS PROVIDED BY LARAMIE ENERGY, LLC.

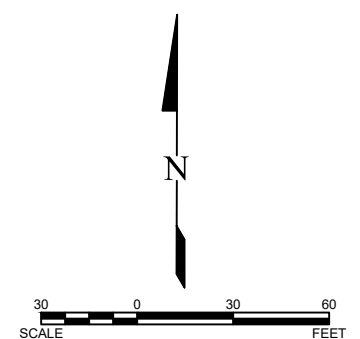
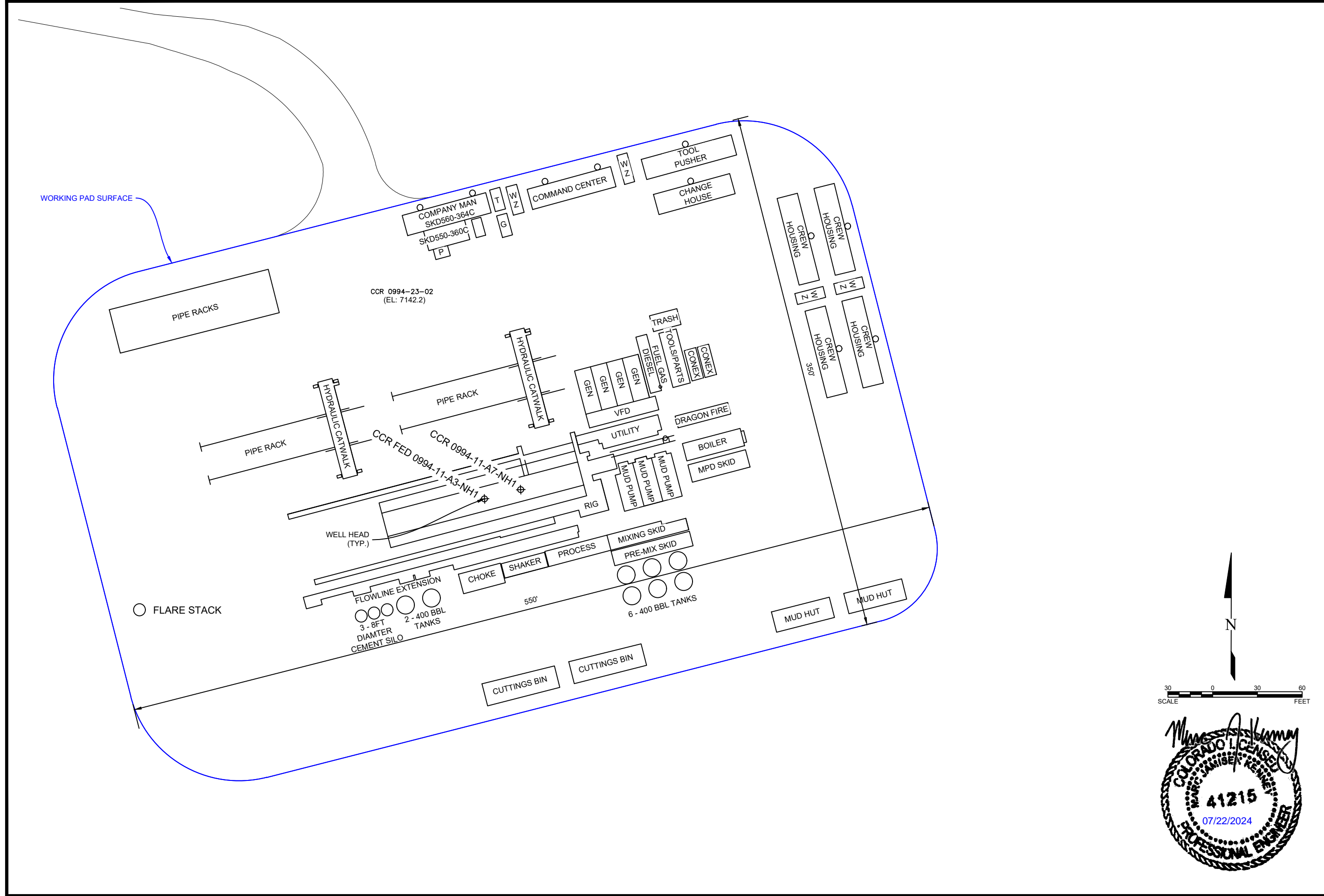


NO.	DATE	REVISION

DRAFTED
JRH
REVIEWED
MJK
PROJECT NUMBER
2307-01465.2
ISSUE DATE
7/22/24

CCR 0994-23-02 WELL PAD DESIGN
LARAMIE ENERGY, LLC
NW/4 OF SECTION 23, T.9S., R.94W., 6TH P.M., MESA COUNTY, CO

RIG DETAIL
SHEET
7.03





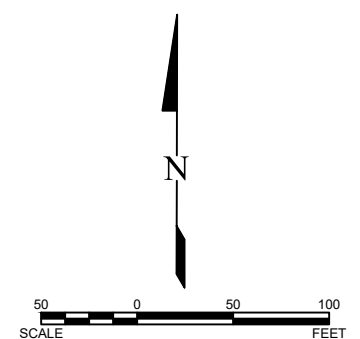
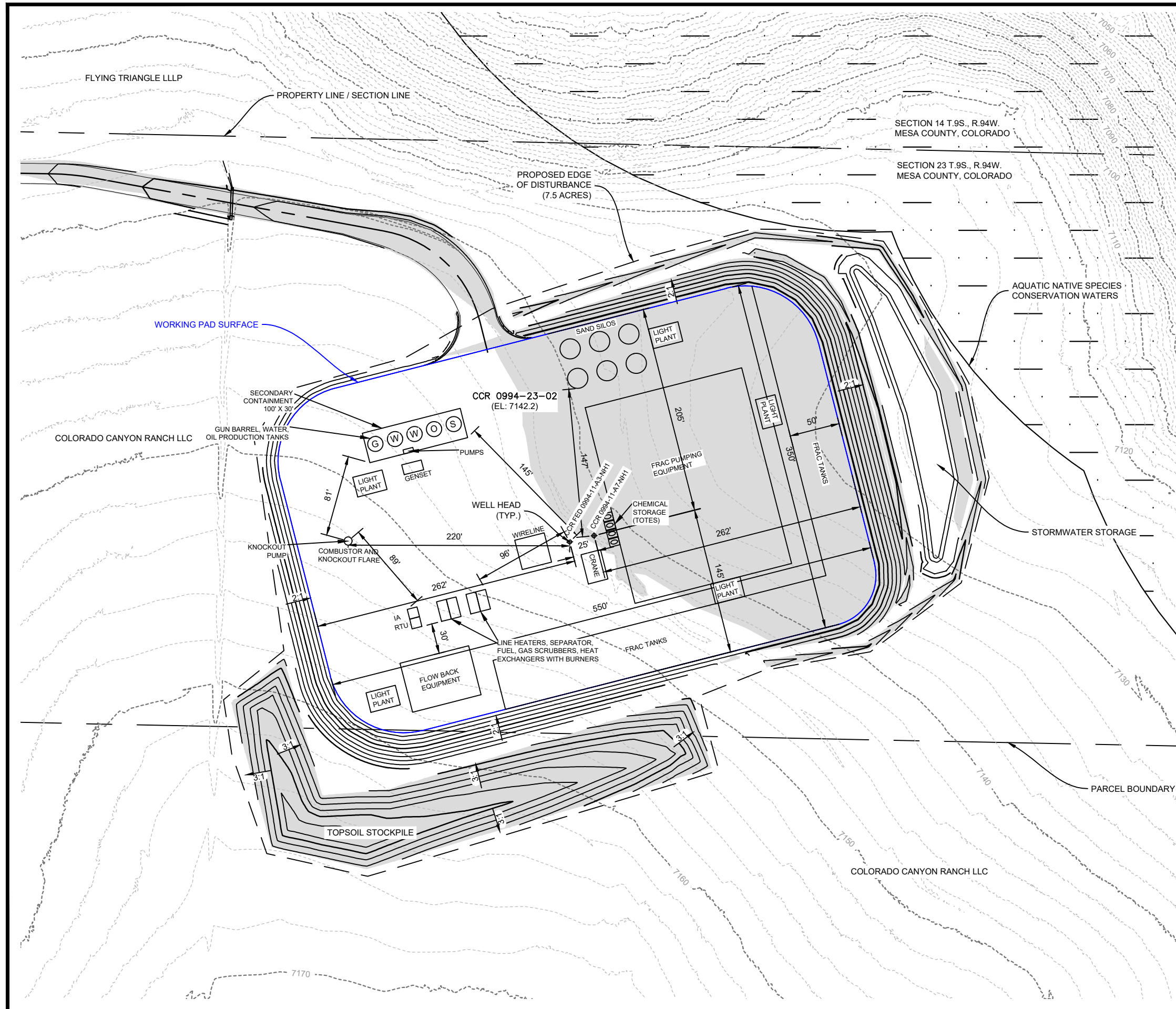
NO.	DATE	REVISION

DRAFTED	JRH
REVIEWED	MJK
PROJECT NUMBER	2307-01465.2
ISSUE DATE	7/22/24

CCR 0994-23-02 WELL PAD DESIGN

LARAMIE ENERGY, LLC
 NWNE OF SECTION 23, T.9S., R.94W., 6TH P.M., MESA COUNTY, CO

COMPLETIONS LAYOUT





INTERIM PAD VOLUME SUMMARY

CUT FACTOR = 1.0
CUT VOLUME = 18,191 CY
FILL FACTOR = 1.0
FILL VOLUME = 17,837 CY
NET = 355 CY (CUT)

INTERIM RECLAIM AREA = 3.8 (ACRES)
ORIGINAL AREA OF DISTURBANCE = 7.5 (ACRES)
PRODUCTION PAD SURFACE = 2.2 (ACRES)

REMAINING TOPSOIL VOLUME = 1,900 CY
TOPSOIL STOCKPILE VOLUME = 1,912 CY

ROAD LENGTH (BRUSH CREEK RD TO INTERIM PAD) = 2,564 FEET
ROAD AREA OF DISTURBANCE = 1.9 ACRES
ROAD RUNNING SURFACE = 1.4 ACRES

LONG-TERM DISTURBANCE = 4.1 ACRES

NOTES

1. CONTOUR INTERVAL IS 2 FEET.
2. EXISTING TOPOGRAPHY AND FEATURE DATA WERE COLLECTED BY WASATCH SURVEYING.
3. WELL PAD DIMENSIONS AND EQUIPMENT LAYOUTS PROVIDED BY LARAMIE ENERGY, LLC.

LEGEND

- REVEGATED AREA
- FILL

NO.	DATE	REVISION

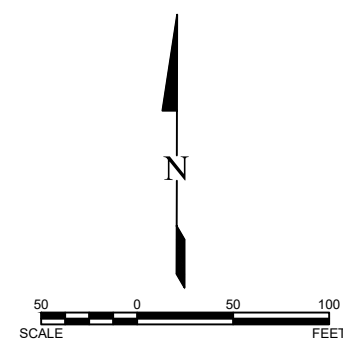
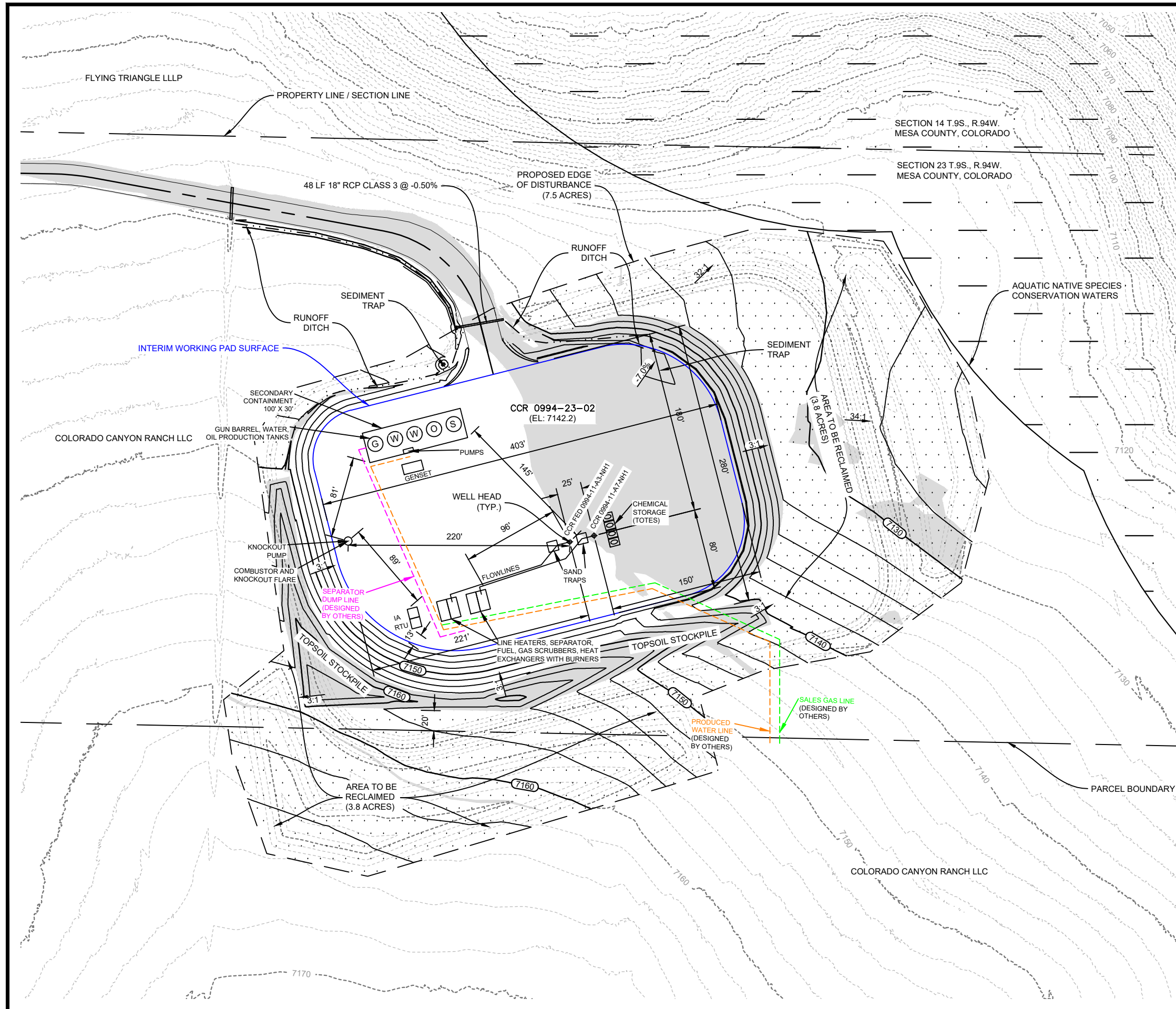
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REVIEWED
MJK
PROJECT NUMBER
2307-01465.2
ISSUE DATE
7/22/24

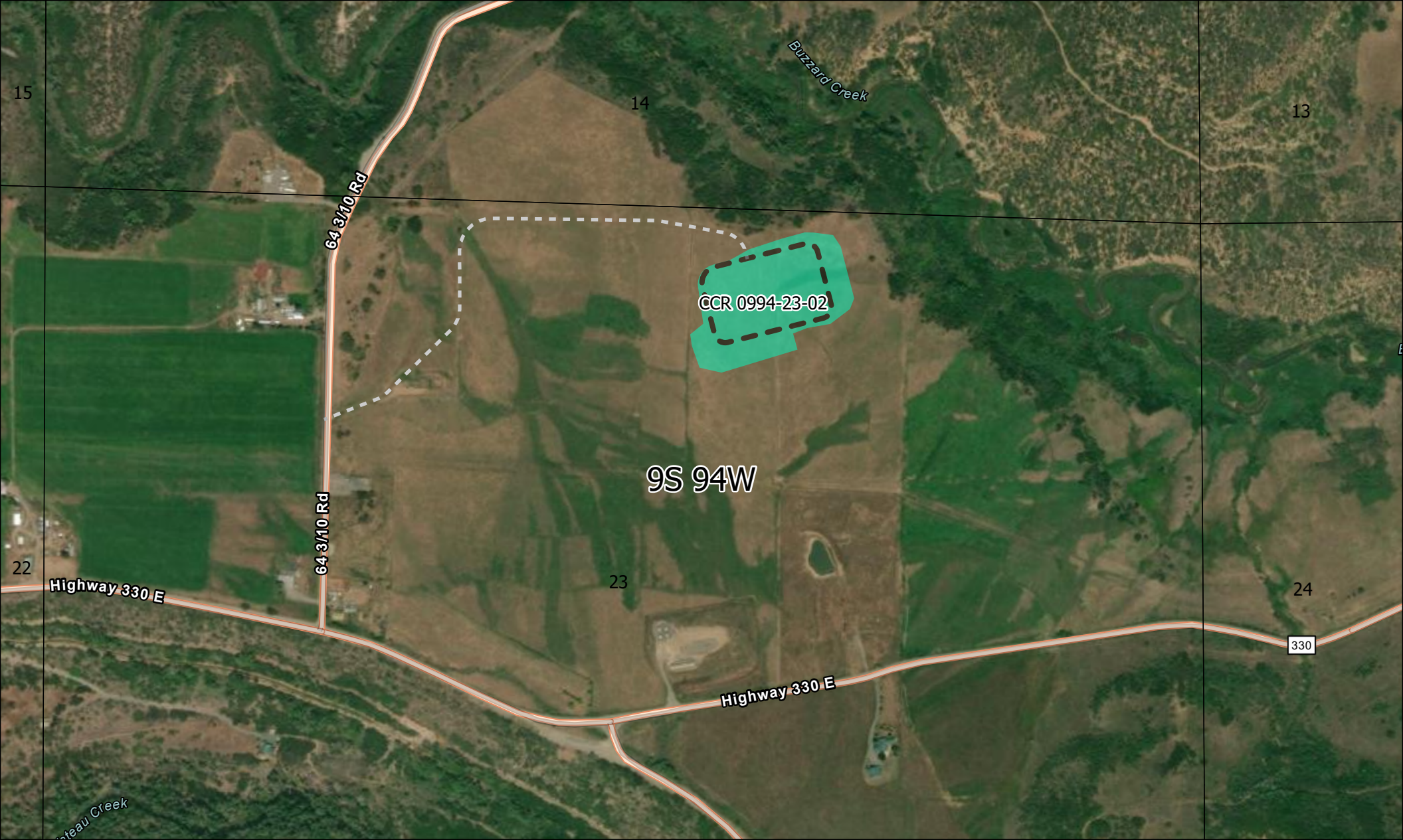
CCR 0994-23-02 WELL PAD DESIGN

LARAMIE ENERGY, LLC
NWNE OF SECTION 23, T.9S., R.94W., 6TH P.M., MESA COUNTY, CO

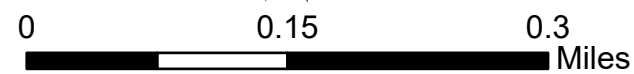
PRODUCTION LAYOUT

SHEET
9.02

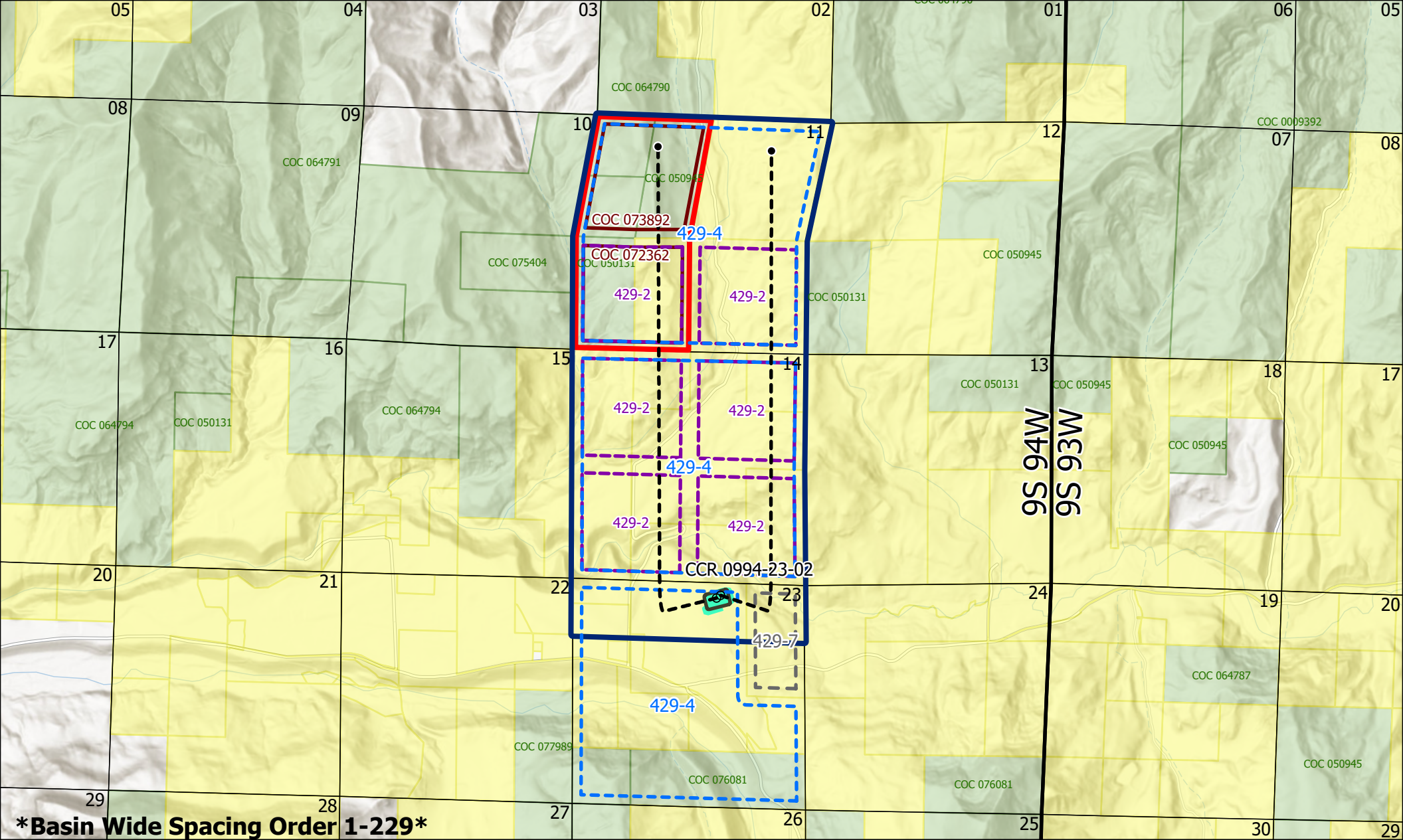




- Proposed Access Road
- Mesa County Roads
- - - Working Pad Surface
- Area of Disturbance

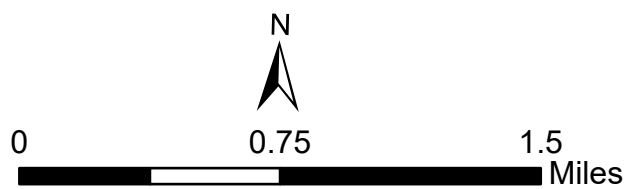


ECMC
Pre-Application
 CCR 0994-23-02 Pad
 NWNE, SECTION 23,
 T9S, R94W, 6th P.M.
 MESA COUNTY, CO



Basin Wide Spacing Order 1-229

- CCR 23-2 SHL
 - CCR 23-2 BHL
 - - - CCR 23-2 Paths
- ECMC Spacing**
- Order
 - 429-2
 - 429-4
 - 429-7
 - BLM CA
- Proposed Spacing**
- CA
 - ECMC
- Pads**
- CCR 0994-23-02
 - CCR 0994-23-02 Disturbance
- Laramie Leasehold**
- FED
 - FEE



ECMC Pre-Application Leasehold

**CCR 0994-23-02 Pad
NWNE, SECTION 23,
T9S, R94W, 6th P.M.
MESA COUNTY, CO**

Pre-Application Onsite Meeting - July 10, 2024
 Proposed CCR 0994-23-02 Well Pad
 Laramie Energy, LLC

NAME	AGENCY / COMPANY
MATT EASTEN	LARAMIE
Lori Muhr	Laramie
Dwayne Kludsch	Laramie
Amie Wilson	WestWater
Wayne Bankort	Laramie
Jason Gross	BLM
Wesley Toews	BLM
Denni Smith	Laramie
Kenny Sackett	Laramie
Dusty Tucker	Laramie
Rory Mortensen	Laramie
Mike Nichols	Town of Colbran
Will Harmon	KLS Eng.
Jacob Huene	KLS Eng.
Trey Fitzpatrick	Laramie
Austin Edge	Laramie

Pre-Application Onsite Meeting - July 10, 2024
Proposed CCR 0994-23-02 Well Pad
Laramie Energy, LLC

NAME	AGENCY / COMPANY
Chris Clerk	LE
DAVE PAYNE	LIFE WATER
Emily McCall	BLM
Katy Middleton	FIELDING HILL -> Representing LARAMIE



ATTACHMENT 5

Presentation to Town of Collbran for Public Board Meeting September 3, 2024



Laramie Energy, LLC
2024 CCR 0994-23-02 OGD
BRUSH CREEK DEVELOPMENT AREA

Town of Collbran - Board Meeting
September 3rd, 2024





Agenda

- I. **Company Overview**
- II. **Project Proposal**
 - I. Project Proposal & Details
 - II. Hydrology
- III. **Permitting Requirements**
 - I. Mesa County
 - II. Bureau of Land Management
 - III. Colorado Energy & Carbon Management Commission
- IV. **Updates on Winter Operations in Plateau Valley Area**

Staff Presenting

Chris Clark

Vice President - Field Operations

Katy Middleton

Permitting Consultant – Fielding Hill LLC

Purpose & Objective of Laramie's Presentation

Laramie Energy to provide an update to the Town of Collbran:

- Brush Creek Project proposal presented at the May 7, 2024 Town of Collbran Meeting
- Updates on upcoming drilling activity

ACRONYMS



“ECMC” | Colorado Energy & Carbon Management Commission

“COGCC” | Colorado Oil and Gas Conservation Commission

“OGDP” | Oil and Gas Development Plan

“CDPHE” | Colorado Department of Public Health & Environment

“CPW” | Colorado Parks & Wildlife

“PWS” | Public Water System

“BMP” | Best Management Practices

“SPCC” | Spill Prevention, Control, and Countermeasure Plan

“AVO” | Audio, Visual, Olfactory Inspections

“BLM” | Bureau of Land Management

“NEPA” | National Environmental Policy Act

LARAMIE ENERGY, LLC – COMPANY OVERVIEW



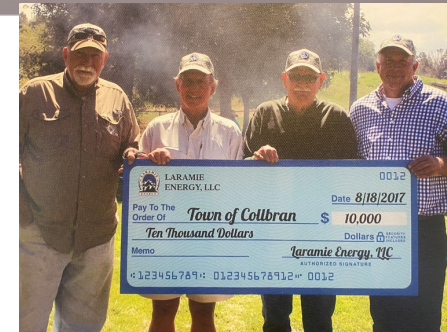
- Private Equity LLC created in 2007 as Laramie Energy II, LLC
 - Now known as Laramie Energy, LLC
- Exploration and Development Company
- Operates solely in Western Colorado in the Piceance Basin on Private, BLM, and Forest Service Lands.
- Asset acreage is primarily in the Plateau Valley (Collbran Valley), the White River, and Grand Mesa Uncompahgre National Forests.
- Core operating areas are Plateau Valley (Collbran) and Cascade Creek within the Piceance Basin in Western Colorado.



LARAMIE ENERGY, LLC – PLATEAU VALLEY AREA



- Laramie operating in PV since 2017
- Approximately 150 well pads within Mesa County
 - 943 Producing Wells
- Laramie land holding of approximately 11,000 acres, consisting of 120 individual parcels & two large ranches with conservation agreements
 - \$7.5 million paid to Mesa County in 2023
 - Approximately \$1.66 million annual mill levy payment to District 50 for new school facility in 2023.
- Laramie Active Member of the Community
 - Annual Collbran Cleanup
 - Supporter of Rodeo events & grounds
 - Charitable donations to PV schools & Robotics Club
 - Member of Community Counts



**2024 CCR 0994-23-02 OGD
Brush Creek Area**



2024 CCR 0994-23-02 – GENERAL LOCATION



LOCATION DETAILS

Brush Creek Area

Legal Description: NWNE of Section 23, Township 9 South, Range 94 West, 6th P.M.

Location Coordinates: Latitude: 39.268132°; Longitude: -107.847692°

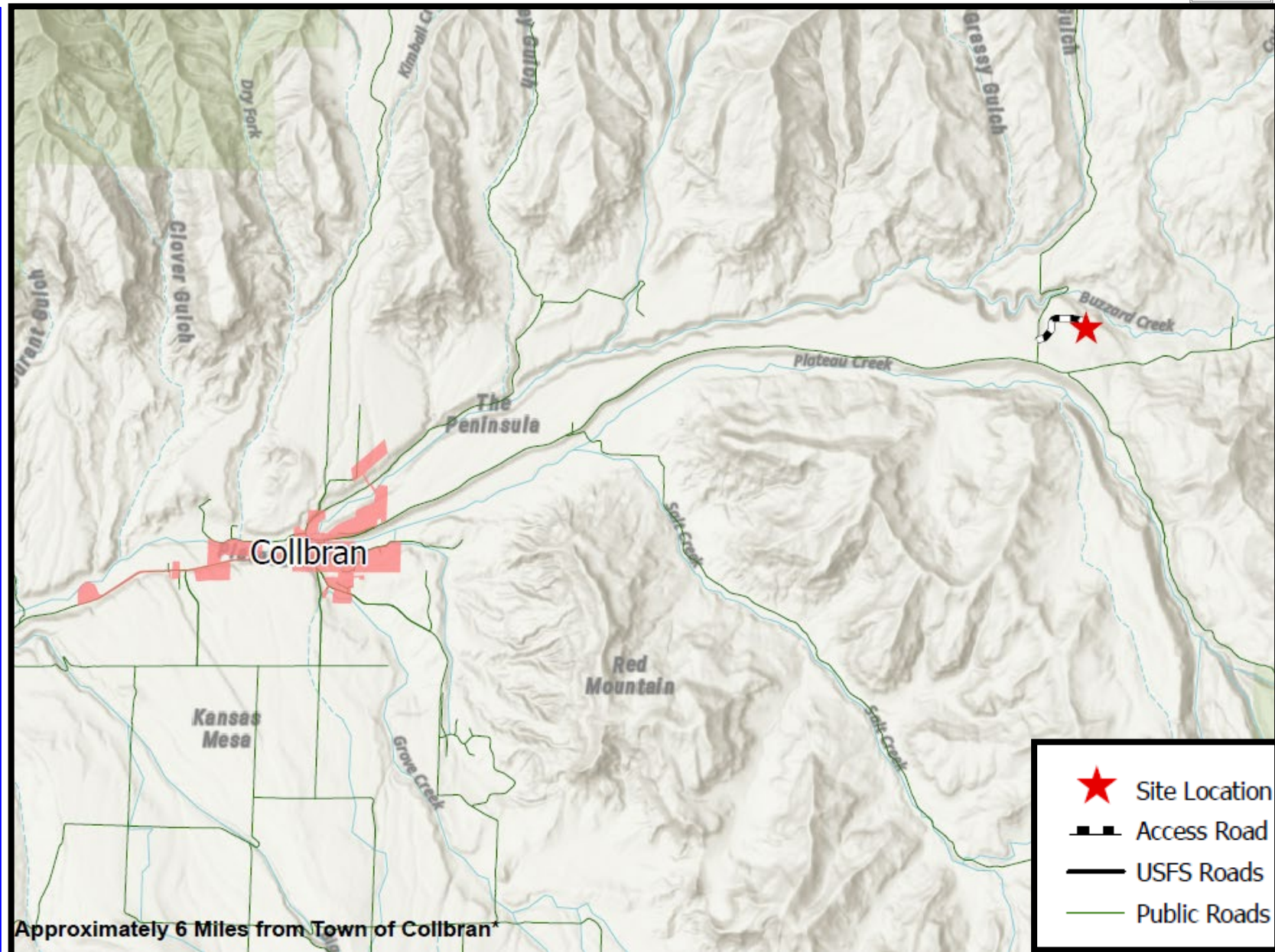
Elevation: 7142 feet

County: Mesa

General Location: 6 mapped miles east of Collbran, Colorado.

Surface Owner: Colorado Canyon Ranch LLC

Nearest Public Crossroads: HWY 330 & 64 3-10 Road (Mesa County Public Roads)



PROJECT PROPOSAL & DETAILS



- **New well pad**
 - Drill Two (2) Horizontal Wells
- **New Access Road**
 - 2,542 Feet Length
 - Will be accessed from 64 3/10 Road (Brush Creek Road)
 - Mesa County issued Driveway Permit on August 20, 2024
- **Buried Pipeline Segment**
 - Approximately 703 feet of 12-inch welded steel gas gathering line and 4-inch Flexpipe water line
 - Will connect to existing infrastructure just south of the proposed pad location



2024 CCR 0994-23-02 OGDG PROJECT PROPOSAL AND DETAILS



- All Disturbance will occur on privately owned surface.
- Colorado Canyon Ranch LLC
 - Surface owner for all disturbance
- Laramie has obtained a Surface Use Agreement (SUA) for the proposed project.

CCR 0994-23-02 Well Pad Location – Facing Northeast



Project Disturbance Totals - Acres

TOTAL DISTURBANCE	Short-term	Long-term
10.2	6.0	4.2

Support Infrastructure

- Water and Gas pipelines
- Harrison Creek Water Treatment Facility
- Primary sources of water for operations
- Mega Vega Gas Compression Facility

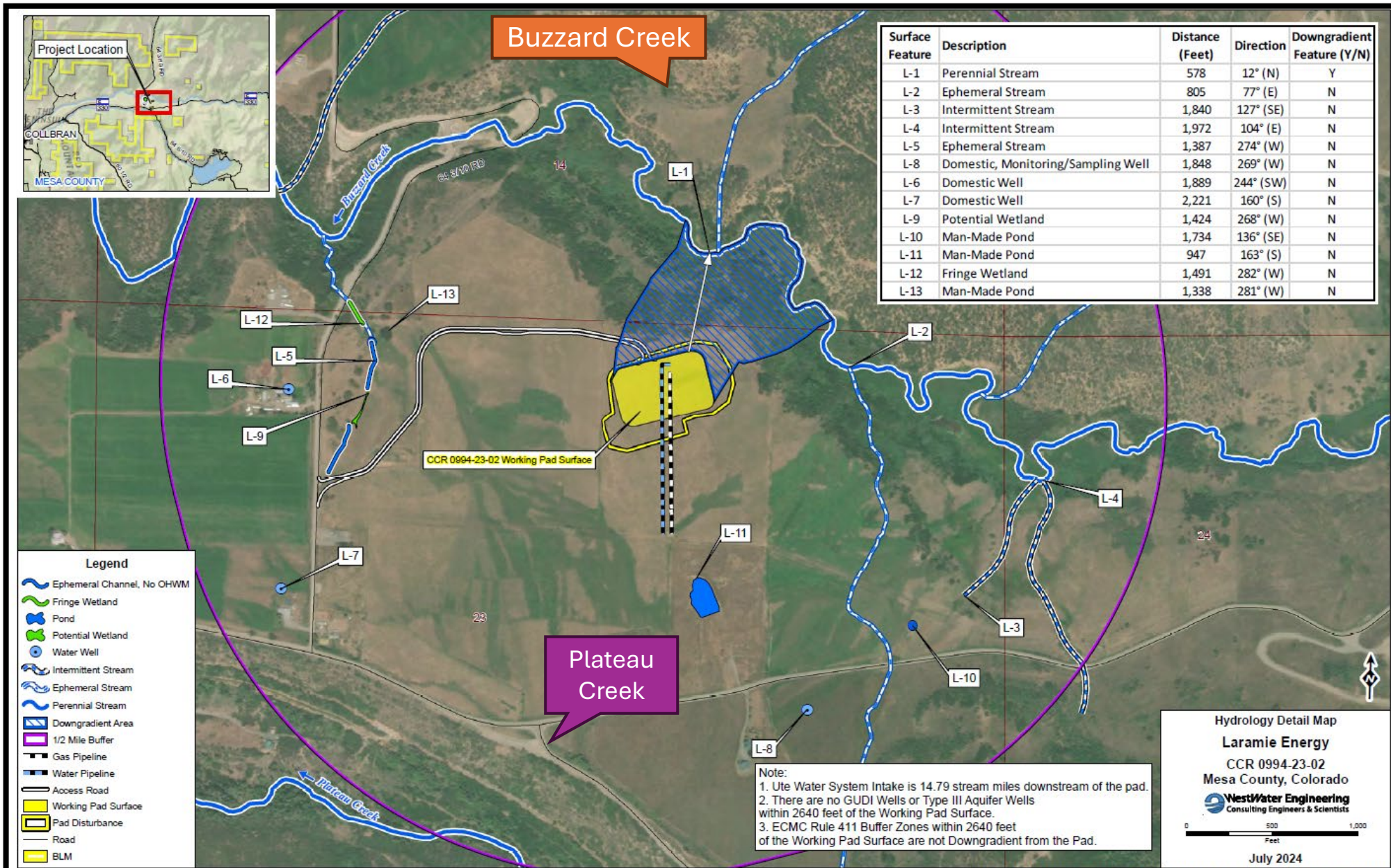


HYDROLOGY MAP

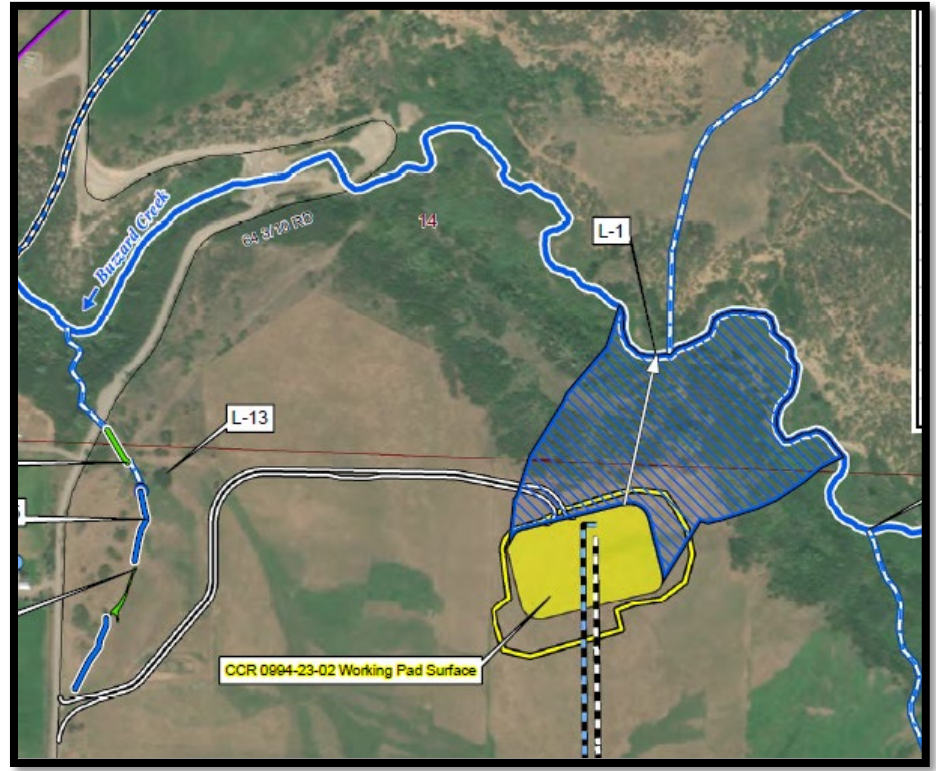
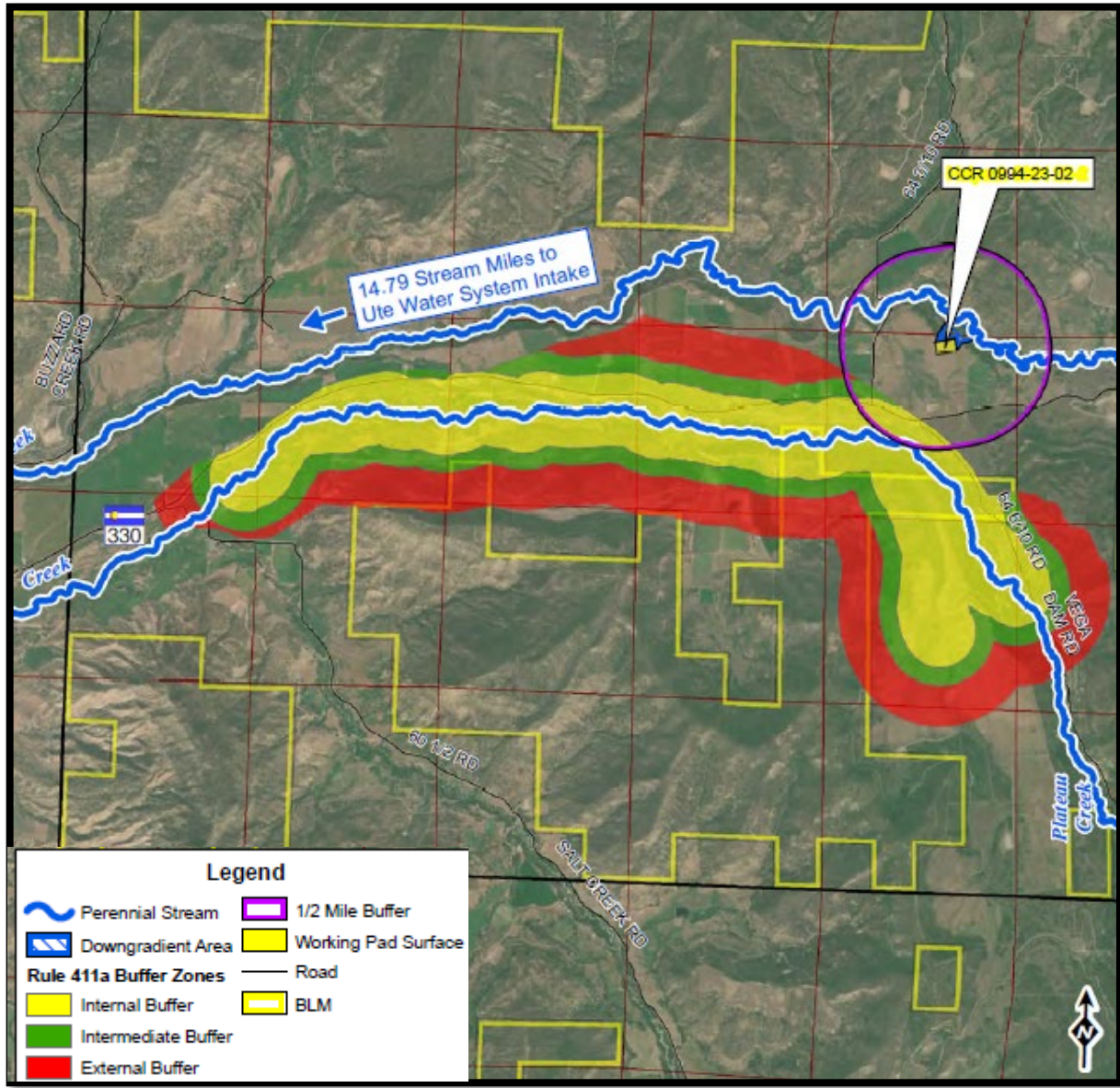


Proposed CCR 0994-23-02 Pad Downgradient Flow Path

The proposed CCR Pad flow to the north towards Buzzard Creek. There are no water well within the downgradient path.



COLLBRAN MAPPED PUBLIC WATER SYSTEM INTAKE BUFFER



The Collbran Mapped PWS Intake Buffer on Plateau Creek is located upgradient of the development area.

Proposed CCR 0994-23-02 Pad is approximately

- 2,535 feet downgradient of Plateau Creek.
- 1,699 feet downgradient of Collbran mapped PWS

CDPHE SPILL NOTIFICATION REQUIREMENTS



Any discharge of pollutants to waters of the state (which include surface water, groundwater, or features like dry gullies or storm sewers leading to surface water) must be reported to 1-877-518-5608 within 24-hours of discovery. The notification must describe, at a minimum:

- The date, time, estimated length of time, and approximate volume of the discharge.
- The cause of the discharge.
- The level of wastewater in the discharging impoundment(s).
- Whether the discharge entered, or could enter, waters of the United States.



COLORADO
Department of Public
Health & Environment

BEST MANAGEMENT PRACTICES – CCR 0994-23-02 PAD



- Closed loop solids control system will be utilized with no reserve pits.
- During drilling, completions, and flowback operations, a fully equipped emergency spill response trailer will be staged at the existing David 23-7 well pad, operated 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 approximately 7 miles from the Brush Creek development area.
- 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.
- Production tanks will include remote level monitoring devices to rapidly alert operators of a potential leak or spill.
- Laramie will conduct weekly AVO inspections.
- Spill Prevention, Control and Countermeasure Plan (SPCC) to be prepared.
- Tanks will be installed within secondary containment, in accordance with ECOM regulations. Secondary containment will be sized to contain 150 percent of the volume of the largest tank.



**Laramie Energy
Spill Response Trailer**



Example of a Spill Kit

CONSULTATION WITH PUBLIC WATER SYSTEMS ENTITIES



- Town of Collbran PWS is upgradient and near the proposed CCR 0994-23-02 Pad
- Due to the proximity of the Collbran's Plateau Creek mapped Surface Water Supply Area (ECMC Rule 411.a.(1)), Laramie will consult with the Town of Collbran regarding the proposed OGD.
- The proposed CCR Pad is located 14.79 stream miles from the Ute Water Conservancy District PWS intake buffer located along Plateau Creek, which is downgradient from CCR Pad via Buzzard Creek.

PWS Consultation	
Town of Collbran	Ute Water Conservancy District
May 7, 2024: Town of Collbran Town Hall Meeting	June 5, 2024: Consultation with Ute Water in their GJ Office
July 10, 2024: Pre-Application Onsite Meeting	
September 3, 2024: Town of Collbran Town Hall Meeting	July 10, 2024: Pre-Application Onsite Meeting

CONSULTATION WITH PUBLIC WATER SYSTEMS ENTITIES



As part of ECMC requirements, Operators will prepare an Emergency Spill Response Program Plan (ECMC Rule 304.c.(1)) as part of the OGD application.

- Laramie consulted with the Colorado ECMC on June 27, 2024, during a Pre-Application Meeting.
- ECMC determined that per ECMC Rules, the Town of Collbran is not required to review or approve the ECMC Rule 304.c.(1) Emergency Spill Response Program Plan.
- Laramie will submit the Emergency Spill Response Program Plan to Ute Water Conservancy District once the plan is prepared.

2024 CCR 0994-23-02 OGD PERMITTING REQUIREMENTS



COUNTY PERMITTING – MESA COUNTY



Relevant Local Government: Mesa County

Mesa County Zone District: Agricultural, Forestry, Transitional (AFT).

Permit Required: Oil & Gas Locations Application

Per the Mesa County Land Development Code "Oil and Gas Drilling " is an allowed use in the AFT zone district. While Oil and Gas Drilling is an allowed use, Oil and Gas Locations must be permitted within Mesa County.

Laramie will submit an Oil and Gas Location Application to Mesa County. As part of the Oil and Gas Location Application requirements, Laramie will post a public notice sign for at least 15 days.

Mesa County Oil & Gas Site Location – Permitting Process

Submittal of Mesa County Oil & Gas Location Application

Mesa County Community Development Department Reviews Application

Operator posts public notice sign for at least 15 days for public comment. Mesa County sends application to other agencies and county departments during public comment period.

Review and address any public comments received.

Mesa County final review of application, and, if approval, issuance of permit.

FEDERAL PERMITTING – BUREAU OF LAND MANAGEMENT (BLM)



Mineral Development: Fee and Federal

Federal Development: 1 Well

Permit Required: Application for Permit to Drill (APD)

Laramie intends to develop federal minerals and will obtain an Application for Permit to Drill (APD) from the Bureau of Land Management (BLM). The BLM's APD permitting process involves submitting various documents and plans outlining proposed drilling activities. The BLM will evaluate the application and environmental considerations to ensure compliance with regulations and environmental protection standards before granting approval for proposed drilling operations to proceed.

BLM APD – Permitting Process

Field Surveys
Conducted

Pre-
Application
Meetings
including
Onsite Visits
with BLM
Staff

Submit the
Application
Permit to
Drill to the
BLM

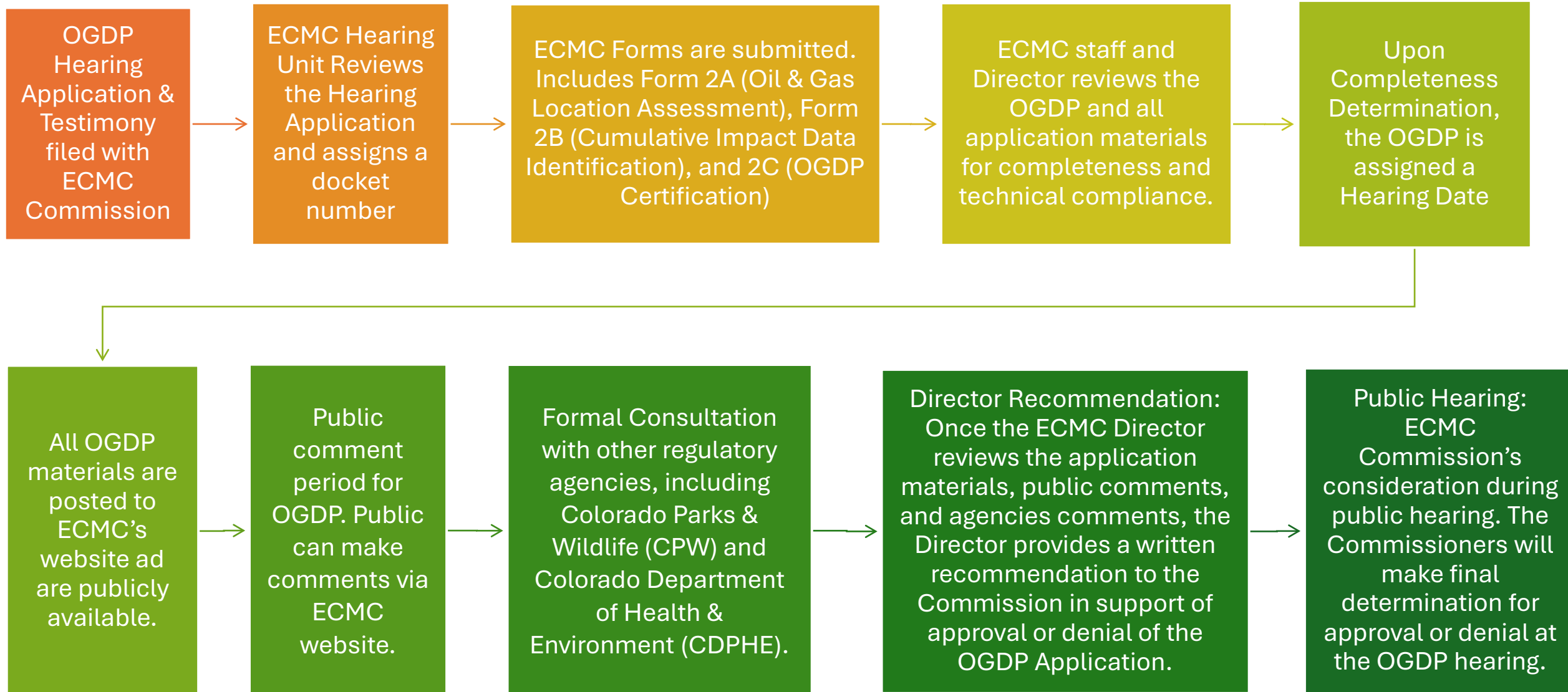
BLM receives
application for
completeness

Once the APD
Application is
deemed
complete, BLM
starts preparing
Environmental
Assessment (EA)
in accordance
with NEPA.

BLM evaluates
findings of the
Environmental
Assessment
and finalizes
Decision
Record.

BLM issues
APD

STATE OF COLORADO - OGDG APPLICATION & PROCESS



UPDATED ANTICIPATED PERMITTING AND OPERATIONS SCHEDULE

JULY 10, 2024

- Pre-Application Onsite held at the CCR 0994-23-02 Location.
- Town of Collbran Attended

SEPTEMBER 2024

- Provide Emergency Spill Response Program Plan
- Applicable PWS

OCTOBER 2024

- Laramie to submit OGDG to the ECMC
- Submit APD to BLM

JANUARY 2024

- Completeness & Technical Review by ECMC (90 Days)

MARCH 2025

- Completeness Determination
- Public Comment period start
- Other regulatory agencies review & comment on OGDG

JUNE 2025

- OGDG ECMC Commission Hearing
- BLM APD Issuance

AUGUST 2025

- Construction Commences

OCTOBER 2025

- Drilling Commences

JANUARY 2026

- Completions Commences

2026

- Interim Reclamation
- Production Operations

FALL OF 2024 & WINTER 2025 – UPDATES ON OPERATIONS



- Laramie is planning on drilling at two permitted well pads during the 2024/2025 winter season.
- Both Locations are within the Harrison Creek Area
 - Hayward 0993-25-09 Well Pad
 - BCU 14L Well Pad
- Laramie will mobilize to the Hayward Pad first, then to the BCU 14L



HAYWARD 0993-25-09 WELL PAD



- Built Well Pad
- Location on Private Property
 - Laramie has SUA
- 13 Directional Wells
- Drilling: Mobilize in November 2024
 - Approximately 55 days
- Completions: February 2025
 - 48 days



Existing Hayward 0993-25-09 Pad – Facing Northeast

BCU 14L WELL PAD



- Built Well Pad
- Location on Property Owned By Laramie
- 10 Directional Wells
- Drilling
 - Mobilize in January 2025
 - Approximately 42 days
- Completions
 - April 2025
 - 34 days



BCU 14L Well Pad Location – Facing Southeast

CONCLUSION



Laramie is planning to submit the 2024 CCR 0994-23-02 OGDGP to the Colorado Energy and Carbon Management Commission and one (1) Federal APD to the BLM this Fall 2024.

Laramie Energy would like to express our appreciation to the Town of Collbran for their time tonight.

