

Laramie 0993-29-01

Local Government Final Permit Decision Mesa County, Colorado



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



Mesa County Approved Permit
Oil and Gas Site Location Approval
Document

Approved October 18, 2023
PR02023-0262



MESA COUNTY

COMMUNITY DEVELOPMENT DEPARTMENT

PLANNING DIVISION

200 S. Spruce Street • PO Box 20,000-5022 • Grand Junction, Colorado • 81502
Telephone: 970.244.1636 • Fax: 970.244.1769 • www.mesacounty.us/planning

Oil & Gas Site Location Approval Document

Operator (Lessee) Name: Laramie Energy LLC

Tax Parcel Number: 2661-291-00-321

Location Name Laramie 0993-29-01

Location# TBD

Site Location: Latitude: 39.254781°; Longitude: -107.784158°

Site Address: N/A

Legal:

¼ ¼ Section 29, Township 9 South, Range 93 West, 6th P.M.

-- For Office Use Only --

Zoning: AFT

Trak-It Number:

File Name & Number: PRO2023-0262

TIF: N/A

District A 182-80421

District B 182-80422

Date TIF Paid: N/A

Driveway Permit Required? Yes No

CDOT Permit Number: N/A

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 site development, drilling and completion will likely occur to facilitate any necessary emergency services 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 (mud, stones, etc.) 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.

Approved By: Jeff Hofman, Sr. Planner

Date: 10-18-2023



Mesa County Agency Review Document



Community Development Department

Planning Division

200 S. Spruce Street • PO Box 20,000-5022 • Grand Junction, Colorado • 81502

Telephone: 970.244.1636 • www.mesacounty.us/planning

Project ID: PRO2023-0262

Project Name: Laramie 0993-29-01 Well Pad

Review Cycle: 9/26/2023 - 10/17/2023

Agency Review Comments and Feedback

Your project has been reviewed. Comments from plan reviewers are compiled below for your reference. Please respond to the comments and submit necessary documents.

General Project Comments			
<u>Agency/ Department</u>	<u>Comment Date</u>	<u>Comment</u>	<u>Applicant Response</u>
Fire- Plateau Valley Fire Department	9/26/2023	This proposal has already been reviewed between Laramie staff and PVFD for any access issues, at this time we see no issues and approve	
MC- Road & Bridge	10/18/2023	No comments provided by review deadline. Closed by Planning.	
Planner LDC Review	10/18/2023	Standard Mesa County permit conditions will be placed on permit.	



Mesa County Oil & Gas Site Location Site Plan Application



COMMUNITY DEVELOPMENT DEPARTMENT
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Oil and Gas Site Location Site Plan Application

Date: September 18, 2023	Application Fee:
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Operator (Lessee) Name: Laramie Energy, LLC (Laramie) (ECMC Operator # 10433)

Address: 760 Horizon Drive Suite 101, Grand Junction, CO

Contact Person: Katy Middleton	Email: kmiddleton@laramie-energy.com
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Cell Phone # 970-985-8240	Telephone # 970-985-8240
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Location Name: Laramie 0993-29-01	Location # New O&G Location. Location # TBD
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Site Location Address: 8.5 mapped miles east of Collbran, CO

Site Location Latitude, Longitude: Latitude: 39.254781°; Longitude: -107.784158°

Tax Parcel Number: 2661-291-00-321 and 2661-282-00-319

Legal (¼ ¼, Section, Township, Range): NENE Section 29, Township 9 South, Range 93 West, 6th P.M.

Public Road Access Location - Latitude, Longitude: Lat: 39.270303°, Long: -107.789391°

Contractor: NONE

Address:

Contact Person:	Email:
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Cell Phone #	Telephone #
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Surface Owner: Laramie Energy, LLC (see additional details in the Application Narrative)

Mailing Address: 1700 Lincoln Street, Suite 3950	City/ State: Denver, CO	Zip: 80203
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Email Address: kmiddleton@laramie-energy.com	Telephone # : 970-985-8240
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**MESA
COUNTY**

**COMMUNITY DEVELOPMENT DEPARTMENT
PLANNING DIVISION**

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Oil and Gas Site Location Site Plan Application

I hereby certify that the statements made on this application are, to the best of my knowledge, true, correct, and complete.

Katy Middleton

Katy Middleton

**September 18,
2023**

Signature of Operator's Representative

Print Name

Date

Attach the Following Information:

- ✓ Surface Use/Lease Agreement (Fees/Compensation may be redacted)
- ✓ Access Road Map
- ✓ Construction Layout Drawing
- ✓ Facility Layout Drawing
- ✓ Location Drawing

Laramie 0993-29-01 Well Pad

Location Description

Mesa County - Oil and Gas Location Application



1. INTRODUCTION

Laramie Energy, LLC (Laramie) (Operator # 10433) is pursuing permitting an Oil and Gas Location Site for a new well pad in Mesa County, Colorado. The Laramie 0993-29-01 well pad (Laramie 29-01) is a proposed, new location. Laramie is proposing to drill sixteen (16) new directional wells at the Laramie 29-01 in Section 29 of Township 9 South, Range 93 West, 6th P.M. The Laramie 29-01 will develop fee and federal minerals in Section 21 and Section 20 of Township 9 South, Range 93 West, 6th P.M. Laramie will apply for Federal Applications Permits to Drill (APDs) through the BLM and an Oil and Gas Location Assessment with the Colorado Energy and Carbon Management Commission (ECMC). The ECMC is the state agency formerly known as the Colorado Oil and Gas Conservation Commission (COGCC).

2. LARAMIE 0993-29-01 WELL PAD

The site's location is within Laramie's North Vega operations area and will be tied into existing infrastructure to minimize dust and traffic impacts. Laramie operates facilities in the area that will support operations at the Laramie 29-01. The site will operate in accordance with applicable local, state, and Federal regulations. Mesa County Planning Staff attended the Pre-Application Onsite on June 12, 2023.

The surface lands are privately owned. The Working Pad Surface (WPS) buried pipeline Right-of-Way, temporary surface line, and access road will be constructed on Laramie owned surface. A small portion of the Area of Disturbance will be located on the adjacent parcel. Laramie has an established Surface Use Agreement (SUA) (**Attachment E**) with the Surface Owner for the short-term disturbance on the adjacent parcel owner (**Table 3**).

OGDP Title: 2023 Laramie 0993-29-01 OGD

Location Name: Laramie 0993-29-01

Legal Description: NENE Section 29, Township 9 South, Range 93 West, 6th P.M.

Location Coordinates: Latitude: 39.254781°; Longitude: -107.784158°

Elevation (Graded): 7463 feet

County: Mesa

General Location: 8.5 mapped miles east of Collbran, Colorado.

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

Surface Owner: Laramie Energy, LLC – Operator Owned (Working Pad Surface)

Operations will be conducted in the following phases at the Laramie 29-01: construction of well pad, access road, and pipeline installation, drill rig mobilization, drilling, production installation, completions and flowback (including equipment mobilization, staging, and demobilization), production, interim reclamation, inspections, and final grading/reclamation of the site. Inspection activities will occur during the lifespan of the site. Laramie anticipates that the well pad will remain in production for approximately 30 years, based on the average lifespan of wells within the area. **Table 1** details the anticipated timeframe for each operational phase. Laramie anticipates continuous drilling,

**Laramie 0993-29-01 Well Pad
Location Description
Mesa County - Oil and Gas Location Application**



completions, and flowback operations in order to reduce the number of pre-production days needed to develop the proposed new sixteen (16) wells.

Table 1. Timeframe for Operational Phases

Phase/Activity /Stage	Timeframe (Days)
Construction	50
Drilling Mobilization	5
Drilling	72
Drilling Demobilization	5
Production Installation	21
Completions Mobilization	10
Completions and Flowback	40
Completions Demobilization	10
Interim Reclamation	14
Total Pre-Production Timeframe	227
Production	Up to 30 years
Inspection Activities	Will Occur During All Phases

If approved, the proposed well pad will be constructed to create an approximate 3.7 acre Working Pad Surface (WPS) to accommodate drilling equipment, piping, a truck/equipment turn-around location, and facilities for sixteen (16) directional gas wells developing fee and federal minerals. The Area of Disturbance for the Laramie 29-01 well pad, including cut and fill slopes and soil stockpiles, will be approximately 8.3 acres. Acreage disturbance for the project is detailed in **Table 2**.



Photo 1. Proposed Development Area for the Laramie 0993-29-01 Well Pad – Facing Northeast

**Laramie 0993-29-01 Well Pad
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Mesa County - Oil and Gas Location Application**



Construction of the Laramie 29-01 site-specific access road will result in 1.1 acres of new disturbance to construct a new segment of road. Approximately 922 feet of new access road would be constructed to access the subject well pad.

Approximately 877 feet of 12-inch welded steel gas gathering line and approximately 877 feet of 6-inch HDPE water gathering line will be required to tie into Laramie’s existing 12-inch gas gathering line and 8-inch HDPE waterline adjacent to the proposed pad. The tie-in is located south of the Laramie 29-01. The gas pipeline and water gathering line will not result in additional surface disturbance since the pipeline will be installed within the shoulder of the proposed new access road. The new access road will be constructed on previously disturbed surface. Once the pipelines are installed, the disturbance will be immediately reclaimed.

Interim reclamation will begin after all wells are drilled and completed as planned with production facilities installed at the Laramie 29-01. During interim reclamation, the cut and fill slopes will be reshaped and contoured, reclaiming approximately 6.1 acres. The Production Pad Surface (long-term well pad disturbance) will be 2.2 acres. The total long-term disturbance associated with this pad and access road will be 3.3 acres.

Table 2. Disturbance Acreage

Well Pad		Disturbance in Acres
Area of Disturbance		8.3
Working Pad Surface		3.7
Area to be Interim Reclaimed		6.1
Production Pad Surface (after Interim Reclamation)		2.2
Access Road		Disturbance in Acres
Proposed Access Road Acreage (922 feet length)		1.1
Pipeline		Disturbance in Acres
Proposed Pipeline* (877-foot Segment)		0*
Disturbance Totals – Acres		
Short-term		Long Term
9.4		3.3

*Installation of pipeline will not result in additional surface disturbance since the pipeline will be installed within the proposed access road disturbance.

3. SITE ACCESS

The well pad is located 20.8 access (travel/access) miles east of Collbran, Colorado. The nearest public road is Highway 330E (Mesa County Road), which is 1.9 access miles from the Laramie 29-01. The Laramie 29-01 is located approximately 4,858 feet south (mapped distance) from Highway 330.

Laramie 0993-29-01 Well Pad

Location Description

Mesa County - Oil and Gas Location Application



Private lease access roads located on both the Laramie owned surface and private owned surface are existing and will be utilized to access the proposed pad. Laramie maintains the private roads to provide safe and reliable access to the existing and proposed well pads in the area. A driveway permit is not required since the well pad will be accessed from an existing private lease road.

- To access the project, vehicles would travel East from Collbran, CO, on what is commonly referred to as CR 330E for approximately 20.8 access miles.
- Vehicles will turn right (south) onto a private lease access road located on privately owned land (entrance coordinates Lat: 39.270303°, Long: -107.789391°).
- Vehicles will stay on the private lease road for 1.4 miles.
- Vehicles will turn left (east) onto an access road (Laramie owned surface) and proceed for 0.3 miles until reaching the entrance of the well pad access road.
- The entrance to the Laramie 29-01 will be located on the left (north). Vehicles will continue on the site-specific access road in a northern direction for 928 feet until reaching the well pad.



Photo 2. Private Lease Road located on parcels owned by Jerry Gunderson – South of HWY 330E



Photo 3. Private Access Road Located on Laramie Energy, LLC Owned Surface

**Laramie 0993-29-01 Well Pad
Location Description
Mesa County - Oil and Gas Location Application**



4. OVERSIZE/OVERWEIGHT VEHICLES

Laramie and/or the company contracted for proposed operations will obtain the necessary permits for oversize and overweight vehicles.

5. LOCAL FIRE DEPARTMENT NOTIFICATION

Laramie will notify the Plateau Valley Fire Protection District of the location, activities, and schedule for the Laramie 0993-29-01. As required by ECMC Rule 602.j, Laramie is required to present the Emergency Response Plan for the Laramie 0993-29-01 to the Plateau Valley Fire Protection District.

6. SURFACE OWNERSHIP

The WPS buried pipeline Right-of-Way, temporary surface line, and access road will be constructed on Laramie owned surface (Parcels 2661-291-00-321 & 2661-282-00-319). A small portion of the Area of Disturbance will be located on the adjacent parcel, owned by Jerry Gunderson (Parcel # 2661-201-00-040). No equipment or long-term disturbance will occur on Parcel # 2661-201-00-040. All production equipment will meet Mesa County setback distances for the AFT zone district. The WPS is 20 feet from the parcel boundary of Laramie owned surface and Gunderson’s property. All wells meet ECMC Rule 604.a.(2) *Setback and Siting Requirements: Well Location Requirements*. ECMC Rule 604.a.(2) states: “At the time a Form 2A, Oil and Gas Location Assessment is filed, a Well will be located not less than 150 feet from a surface property line”. The Laramie 29-01 meets the ECMC Rule 604.a.(2) and all proposed wells will be located more than 150 feet from the property line.

Table 3. Surface Ownership

Surface Ownership	Disturbance Feature	Parcel Number	Parcel Acreage Size
Laramie Energy, LLC	Area of Disturbance, Working Pad Surface, Access Road, Buried Pipeline	2661-291-00-321	510
		2661-282-00-319	894
Jerry Gunderson	Area of Disturbance (no long-term disturbance or installed equipment)	2661-201-00-040	429

LIST OF ATTACHMENTS

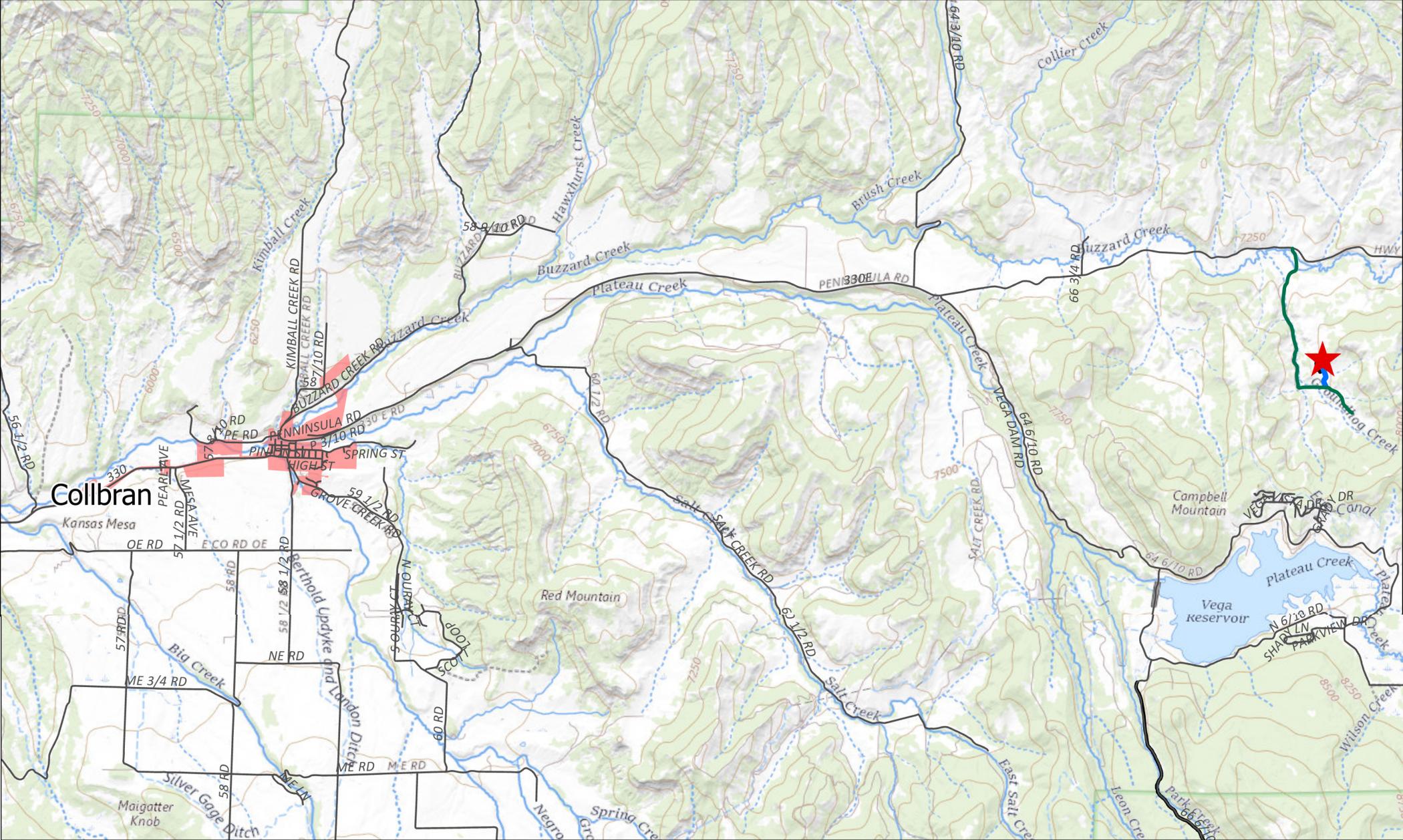
Attachment A	Vicinity Map
Attachment B	Construction Layout Drawings
Attachment C	Facility Layout Drawing
Attachment D	Access Road Map
Attachment E	Memorandum of SUA
Attachment F	Location Drawing

Attachment A

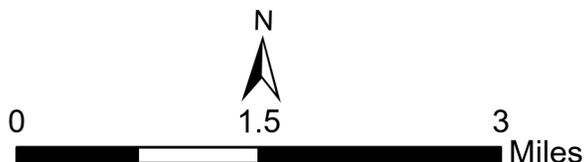
Vicinity Map



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



-  Site Location
-  Access Road - Proposed
-  Public Roads
-  USFS Roads
-  Private Access Road - Existing



Vicinity Map

Laramie 0993-29-01
 NENE, Sec. 29
 T9S R9W 6th PM
 Mesa County, CO

Attachment B

Construction Layout Drawings



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

UNGRADED ELEVATION: 7461.4'
 FINAL ELEVATION: 7463.2'
 AREA OF DISTURBANCE: 8.3± ACRES
 AREA OF WORKING PAD SURFACE: 3.7± ACRES
 AREA OF ACCESS ROAD: 1.1± ACRES

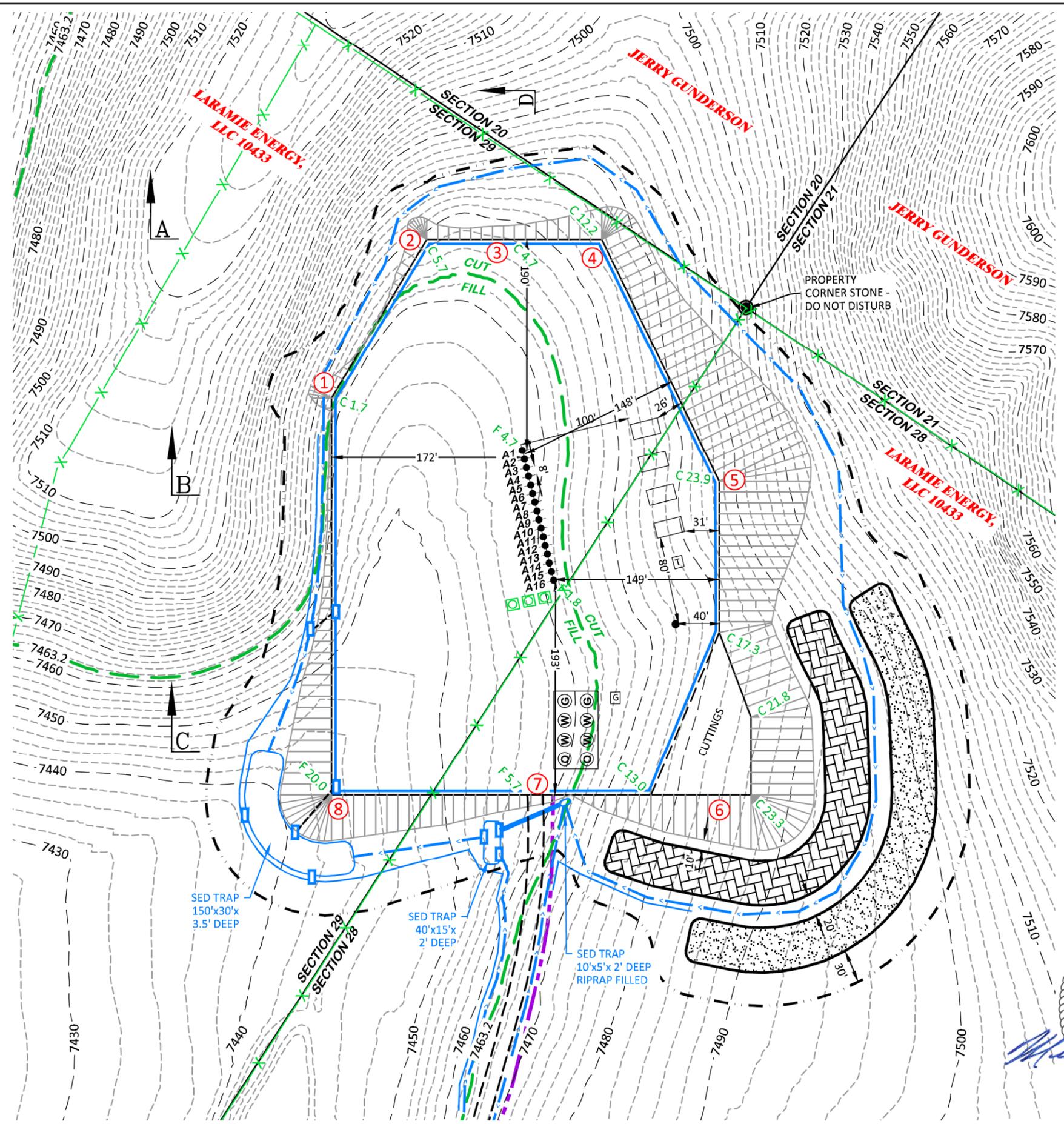


- WORKING PAD SURFACE (WPS)
- OIL AND GAS LOCATION APPROX. AREA OF DISTURBANCE
- CONSTRUCT V-DITCH AND BERM ALONG EDGE OF WPS
- CONSTRUCT BERM AND DITCH ALONG TOE OF FILL SLOPES
- CONSTRUCT DIVERSION DITCH
- CONSTRUCT SEDIMENT TRAP
- ROCK ARMOR INLET/OUTLET/OUTFALL
- FLEX PIPE W/ ROCK ARMOR INLET/OUTLET
- EXISTING FENCE LINE TO BE RELOCATED WHEN NECESSARY
- PROPOSED ACCESS ROAD
- PROPOSED GATHERING PIPELINE
- TOPSOIL PILE 470'x40'x14' HIGH WITH 2:1 SLOPES WITH STRAW WATTLES
- EXCESS MATERIAL PILE 435'x40'x10' HIGH WITH 2:1 SLOPES WITH STRAW WATTLES
- TANK BATTERY W/ CONTAINMENT (70'x40'):
2 OIL / 4 PROD. WATER / 2 GUNBARREL
- CHEMICAL STORAGE W/ SECONDARY CONTAINMENT
- PRODUCTION EQUIPMENT:
4 - 4 PACK SEPARATORS
- VOC COMBUSTORS (TO BE INSTALLED IF REQUIRED PER APEN)
- INSTALL 24" x 50' CULVERT
- REMOTE TELEMETRY UNIT
- GENSET
- CROSS SECTION VIEW - SEE PAGE 2 OF 7

ESTIMATED EARTHWORK BANK				
ITEM	TOPSOIL	CUT	FILL	EXCESS
PAD	4,324 BCY	32,549 BCY	32,745 BCY	(-196 BCY)
PIT		NONE		NONE
TOTALS	4,324 BCY	32,549 BCY	32,745 BCY	(-196 BCY)
ESTIMATED EARTHWORK LOOSE (10% SWELL)				
ITEM	TOPSOIL	CUT	FILL	EXCESS
PAD	4,757 BCY	35,804 LCY	32,745 LCY	3,059 LCY
PIT		NONE		NONE
TOTALS	4,757 BCY	35,804 LCY	32,745 LCY	3,059 LCY

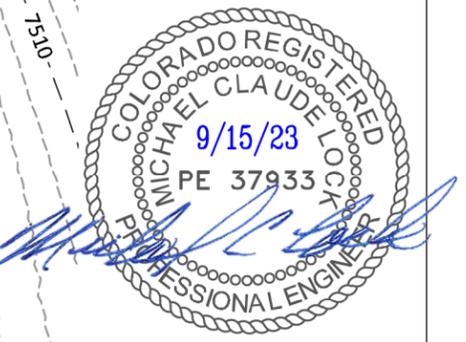
BEFORE DIGGING CALL FOR UTILITY LINE LOCATION
 NOTE: THE EARTH QUANTITIES ON THIS DRAWING ARE ESTIMATED AND THE USE OF SAID QUANTITIES IS AT THE RESPONSIBILITY OF THE USER.

RECOMMENDATION:
 EARTHWORK CALCULATIONS REQUIRE A FILL AT SOME OF THE LOCATION STAKES FOR BALANCE. ALL FILL IS TO BE COMPACTED TO A MINIMUM OF 95% OF THE MAXIMUM DRY DENSITY OBTAINED BY AASHTO METHOD T-99.



LAYOUT DRAWING 1 OF 7
 CONSTRUCTION LAYOUT DRAWING
 ESTIMATED EARTHWORK
 LARAMIE ENERGY, LLC
 LARAMIE 0993-29-01
 NENE, SECTION 29, T. 9 S., R. 93 W., 6th P.M.,
 MESA COUNTY, COLORADO

DRG RIFFIN & ASSOCIATES, INC.
 1414 ELK ST., ROCK SPRINGS, WY 82901
 (307) 962-5028
 DRAWN: 6/8/2023 - DEH
 REVISED: 9/13/2023 - DEH
 MISC. REVISIONS
 SCALE: 1" = 100'
 DRG JOB No. 22334
 304b(7)Bi CONST



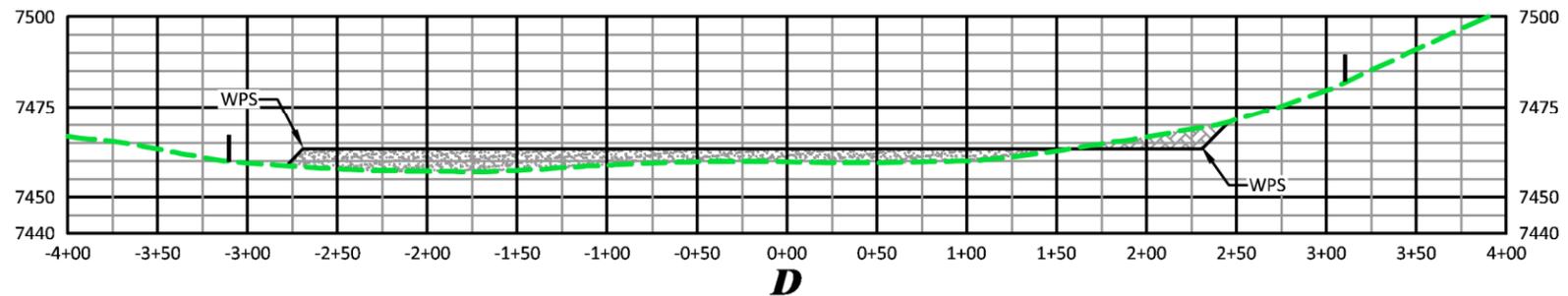
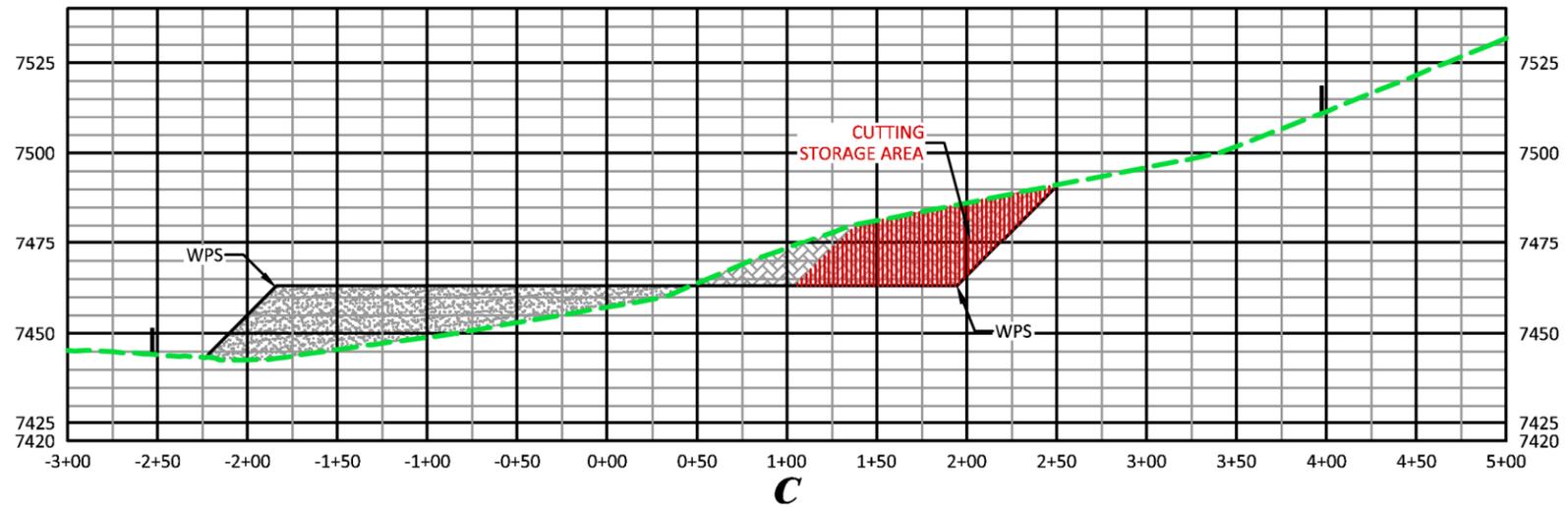
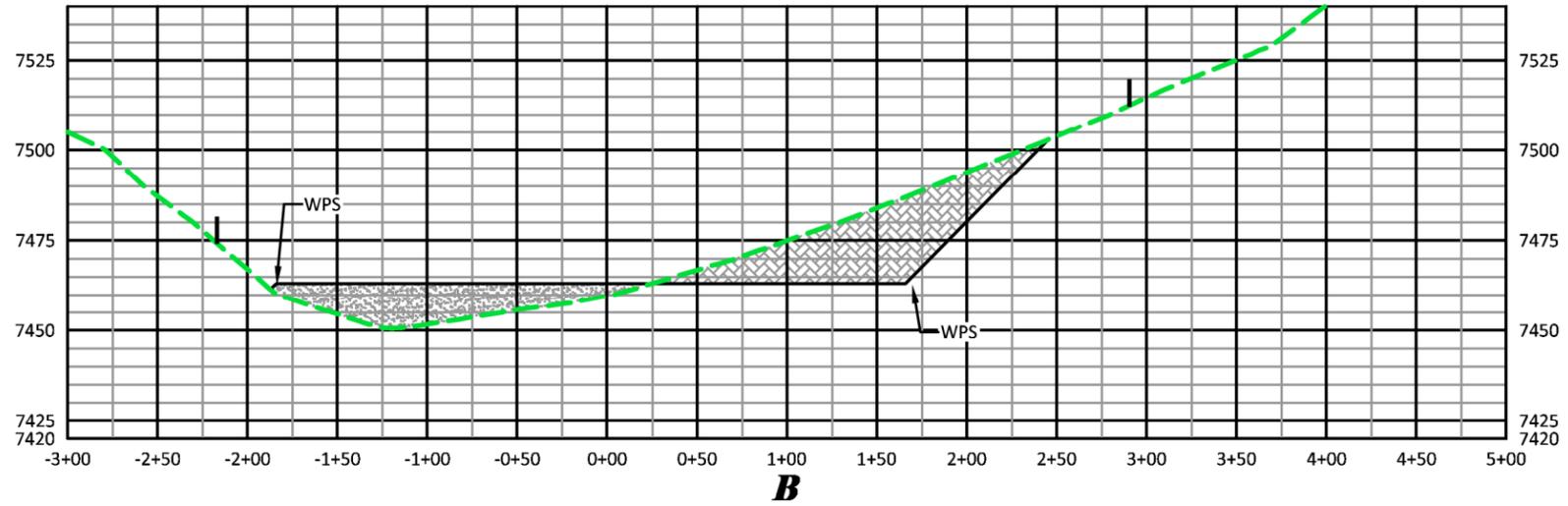
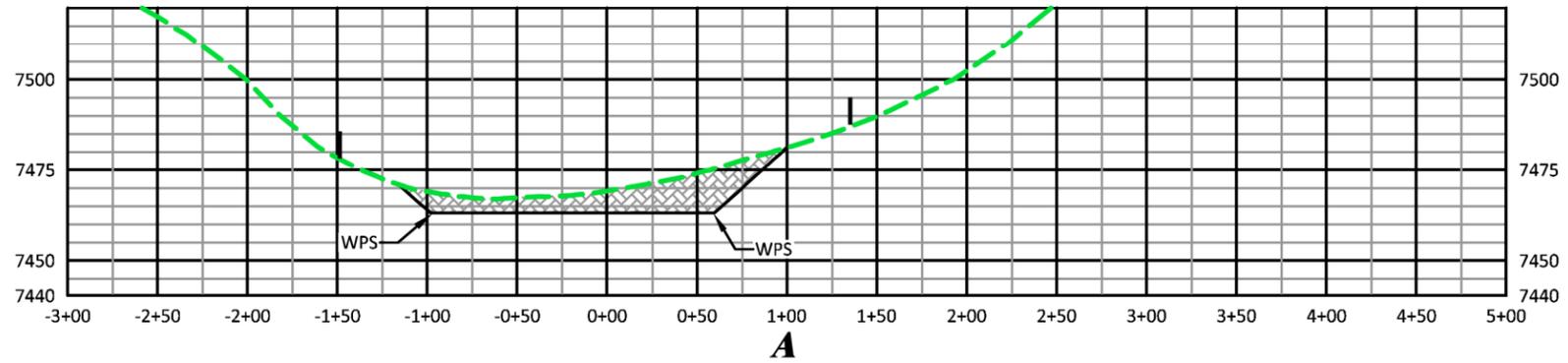
LARAMIE 0993-29-01

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 AREA OF DISTURBANCE: 8.3± ACRES
 AREA OF WORKING PAD SURFACE: 3.7± ACRES
 AREA OF ACCESS ROAD: 1.1± ACRES

CUT SLOPES 2:1

FILL SLOPES 2:1

-  EXISTING GROUND
-  PROPOSED PAD GRADE AND SLOPES
-  OIL AND GAS LOCATION APPROX. AREA OF DISTURBANCE
-  INDICATES PAD CUT
-  INDICATES PAD FILL



ESTIMATED EARTHWORK BANK				
ITEM	TOPSOIL	CUT	FILL	EXCESS
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TOTALS	4,324 BCY	32,549 BCY	32,745 BCY	(-196 BCY)

ESTIMATED EARTHWORK LOOSE (10% SWELL)				
ITEM	TOPSOIL	CUT	FILL	EXCESS
PAD	4,757 BCY	35,804 LCY	32,745 LCY	3,059 LCY
PIT		NONE		NONE
TOTALS	4,757 BCY	35,804 LCY	32,745 LCY	3,059 LCY

**BEFORE DIGGING
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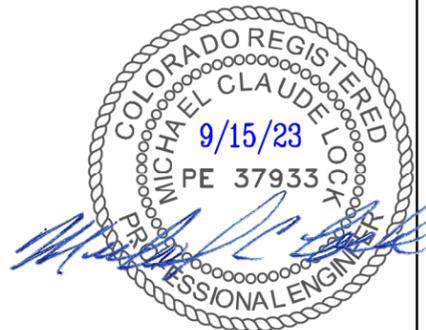
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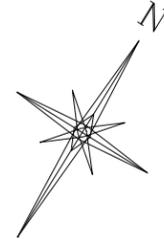
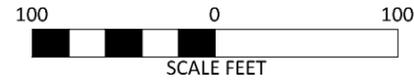
LAYOUT DRAWING 2 OF 7
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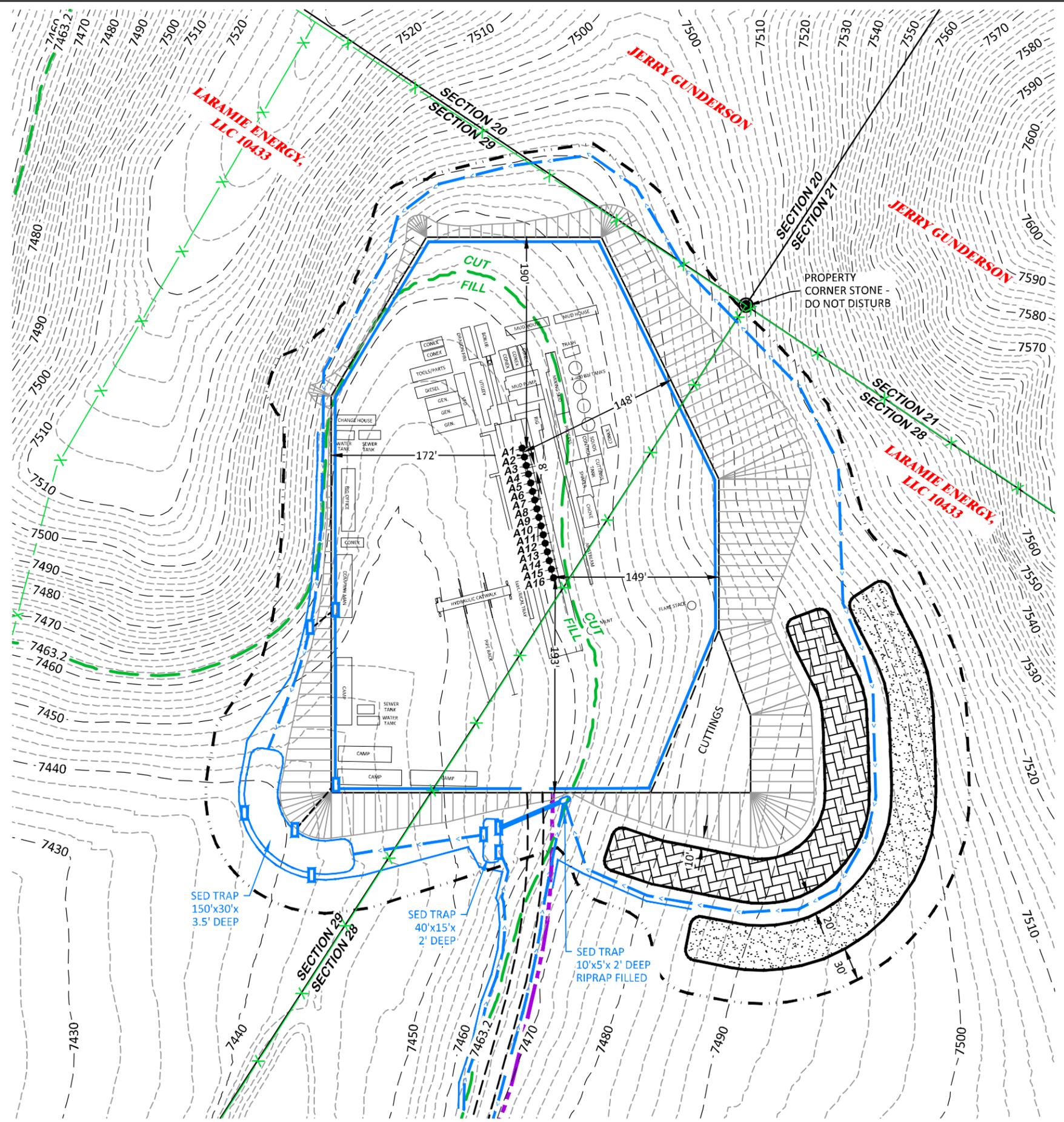


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- INSTALL 24" x 50' CULVERT



LAYOUT DRAWING 3 OF 7

PRELIMINARY RIG LAYOUT
LARAMIE ENERGY, LLC
LARAMIE 0993-29-01
NENE, SECTION 29, T. 9 S., R. 93 W., 6th P.M.,
MESA COUNTY, COLORADO

DRG RIFFIN & ASSOCIATES, INC.
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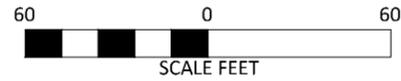
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LARAMIE 0993-29-01

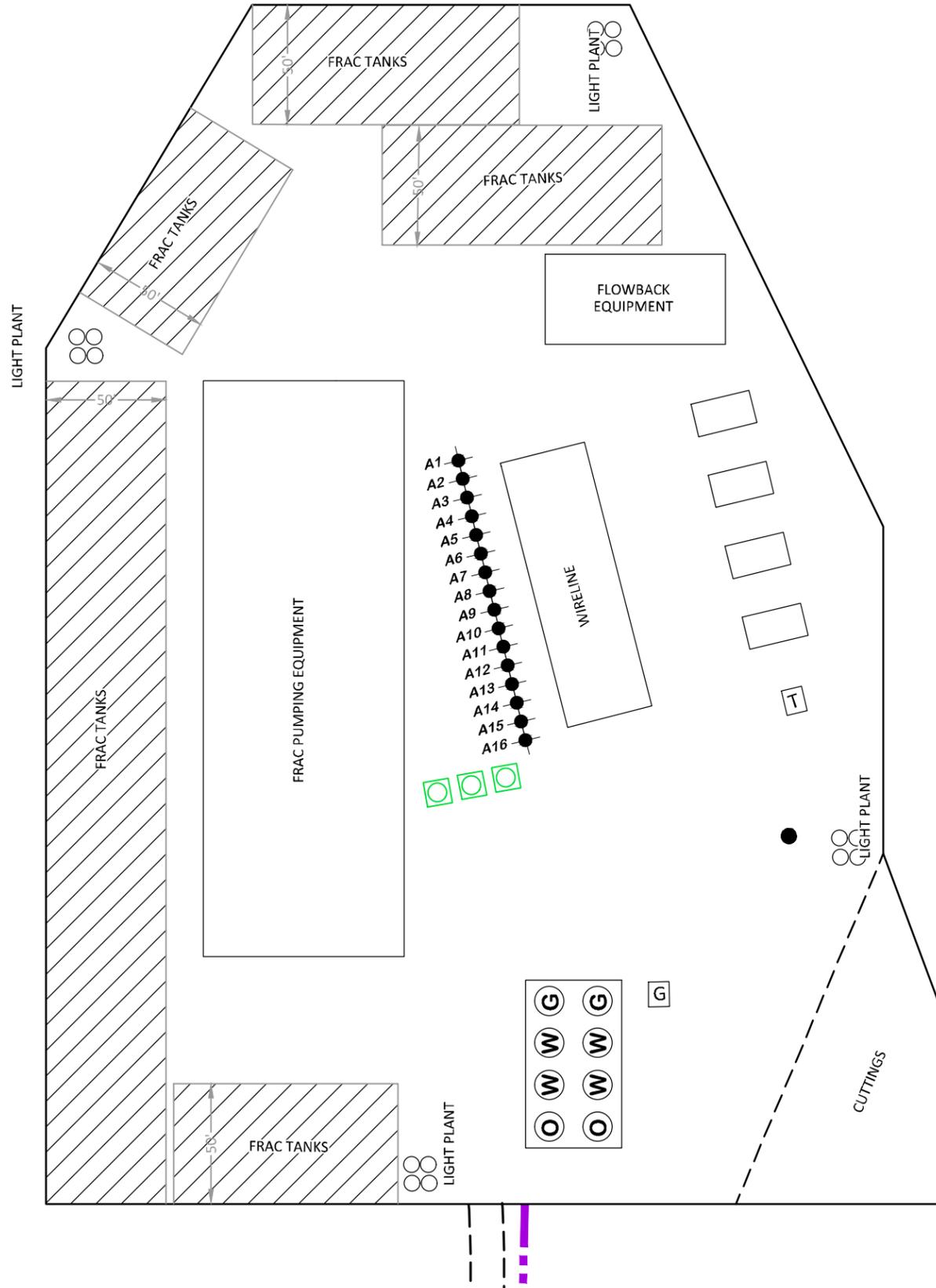
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- WORKING PAD SURFACE (WPS)
- PROPOSED ACCESS ROAD
- PROPOSED GATHERING PIPELINE
- PROPOSED SALES LINE TO GATHERING
- PROPOSED PRODUCED WATER LINE
- PROPOSED DUMP LINE TO TANKS
- PROPOSED FLOWLINES TO SEPARATORS

- TANK BATTERY W/
CONTAINMENT (70'x40'):
2 OIL / 4 PROD. WATER /
2 GUNBARREL
- CHEMICAL STORAGE W/
SECONDARY CONTAINMENT
- VOC COMBUSTORS (TO BE
INSTALLED IF REQUIRED PER APEN)
- PRODUCTION EQUIPMENT:
4 - 4 PACK SEPARATORS
- REMOTE TELEMETRY UNIT
- GENSET

- NOTES:
1. COMPLETIONS AND FLOWBACK OPERATIONS WILL BE CONDUCTED CONCURRENTLY.
 2. COMPLETION OPERATIONS TO BE CONDUCTED CONTINUOUSLY.
 3. EXHIBIT DEPICTS PRELIMINARY FRAC AND FLOWBACK EQUIPMENT LAYOUT. EQUIPMENT AND LAYOUT ARE SUBJECT TO CHANGE DEPENDING ON EQUIPMENT AVAILABILITY AND SITE CONDITIONS.
 4. EIGHTY (80) FRAC TANKS. CAPACITY PER FRAC TANK: 500 BBLS. TOTAL FRAC TANK CAPACITY (80 FRAC TANKS): 40,000 BBLS.
 5. EQUIPMENT LOCATED WITHIN THE "FRAC EQUIPMENT" ENVELOPE: HYDRAULIC STIMULATION CONTROL TRAILER, DIESEL FRAC PUMPS, CHARGE PUMP, AND TEMPORARY CHEMICAL STORAGE
 6. EACH LIGHT PLANT IS A SELF-CONTAINED UNIT WITH A GENERATOR AND AUXILIARY POWER SOURCE.
 7. ACTUAL WATER LINE AND WATER PUMP PLACEMENT DEPENDENT ON PRE-COMPLETION ALIGNMENT OF FRAC TANKS.
 8. OPERATOR WILL UTILIZE HEAT PUMPS FOR WINTER OPERATIONS BASED ON LOCATION SPACING.
 9. FLOWBACK SUPPORT TRAILER IS LOCATED WITHIN "FLOWBACK SEPARATORS" ENVELOPE.
 10. PLEASE REFER TO THE CONSTRUCTION LAYOUT DRAWING FOR STORMWATER CONTROL MEASURES.



LAYOUT DRAWING 5 OF 7
 PRELIMINARY WELL COMPLETIONS AND
 STIMULATION LAYOUT
 LARAMIE ENERGY, LLC
 LARAMIE 0993-29-01
 NENE, SECTION 29, T. 9 S., R. 93 W., 6th P.M.,
 MESA COUNTY, COLORADO

DRG RIFFIN & ASSOCIATES, INC.
 1414 ELK ST., ROCK SPRINGS, WY 82901
 (307) 362-5028

DRAWN: 8/10/2023 - DEH	SCALE: 1" = 60'
REVISED: 9/11/2023 - DEH	DRG JOB No. 22334
MISC. REVISIONS	304b(7)BIII COMP

**BEFORE DIGGING
 CALL FOR
 UTILITY LINE LOCATION**

LARAMIE 0993-29-01

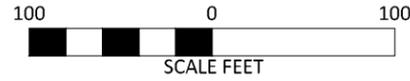
Attachment C

Facility Layout Drawings



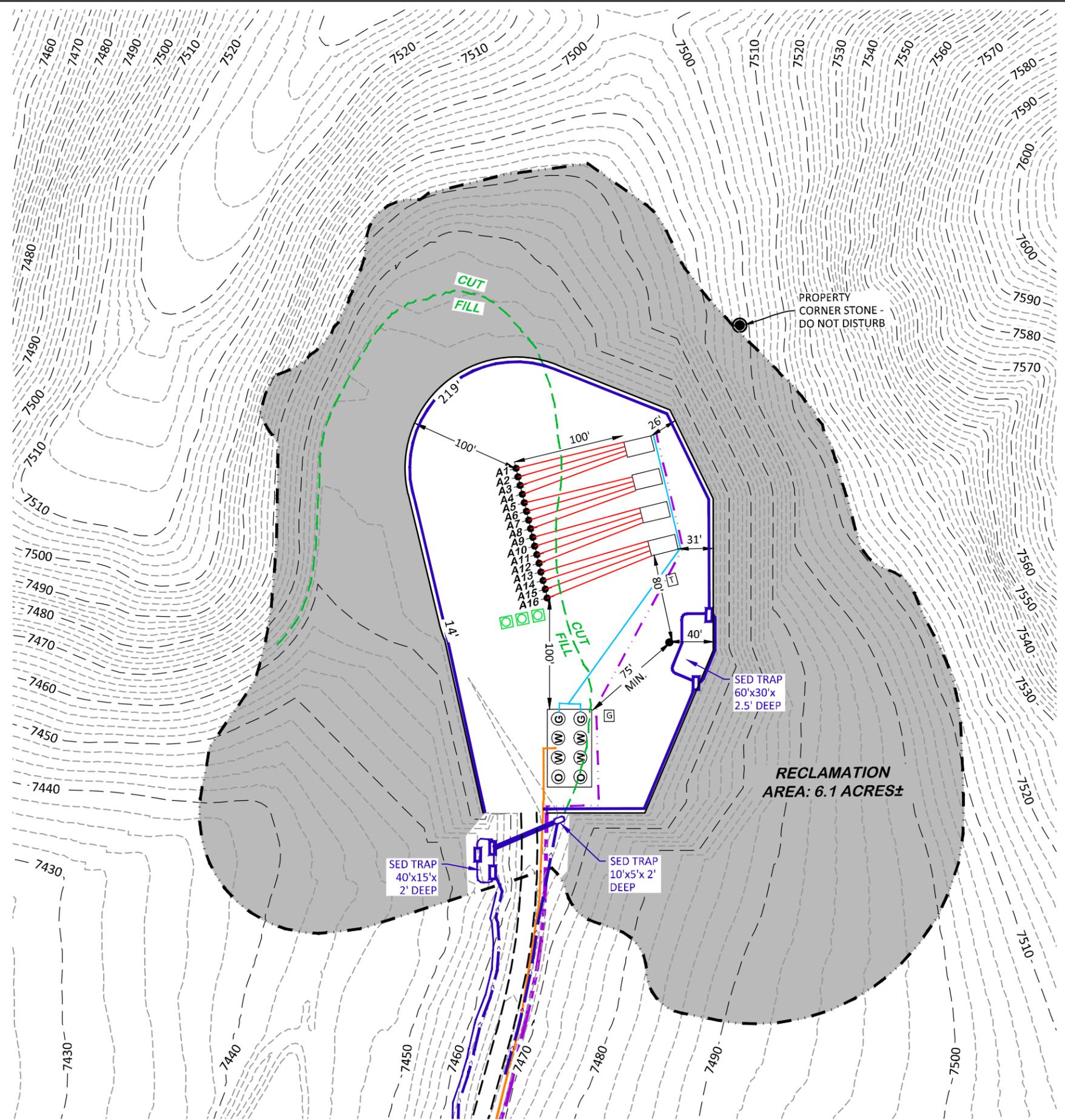
Laramie Energy, LLC
760 Horizon Drive, Suite # 101
Grand Junction, CO 81506

APPROXIMATE DISTURBANCE AREA 8.3± ACRES
 PROPOSED RECLAMATION AREA: 6.1± ACRES
 INTERIM RECLAMATION DISTURBANCE: 2.2± ACRES



- PRODUCTION PAD SURFACE
- OIL AND GAS LOCATION APPROX. AREA OF DISTURBANCE
- CONSTRUCT DITCH AND BERM ALONG TOE OF FILL SLOPE
- CONSTRUCT V-DITCH AND BERM ALONG EDGE OF PRODUCTION PAD
- CONSTRUCT SEDIMENT TRAP
- ROCK ARMOR INLET/OUTLET/OUTFALL
- PROPOSED ACCESS ROAD
- PROPOSED GATHERING PIPELINE
- PROPOSED SALES LINE TO GATHERING
- PROPOSED PRODUCED WATER LINE
- PROPOSED DUMP LINE TO TANKS
- PROPOSED FLOWLINES TO SEPARATORS
- PROPOSED RECLAIMED AREA AT INTERIM RECLAMATION

- TANK BATTERY W/
CONTAINMENT (70'x40');
2 OIL / 4 PROD. WATER / 2
GUNBARREL
- CHEMICAL STORAGE W/
SECONDARY CONTAINMENT
- PRODUCTION EQUIPMENT:
4 - 4 PACK SEPARATORS
- VOC COMBUSTORS (TO BE
INSTALLED IF REQUIRED PER APEN)
- INSTALL 24" x 50' CULVERT
- REMOTE TELEMETRY UNIT
GENSET



RECLAMATION
 AREA: 6.1 ACRES±

LARAMIE 0993-29-01

BEFORE DIGGING
 CALL FOR
 UTILITY LINE LOCATION

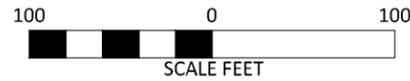
INTERIM RECLAMATION PLAN

PROPOSED INTERIM RECLAMATION
 LARAMIE ENERGY, LLC
 LARAMIE 0993-29-01
 NENE, SECTION 29, T. 9 S., R. 93 W., 6th P.M.,
 MESA COUNTY, COLORADO

DRG RIFFIN & ASSOCIATES, INC.
 1414 ELK ST., ROCK SPRINGS, WY 82901
 (307) 962-5028

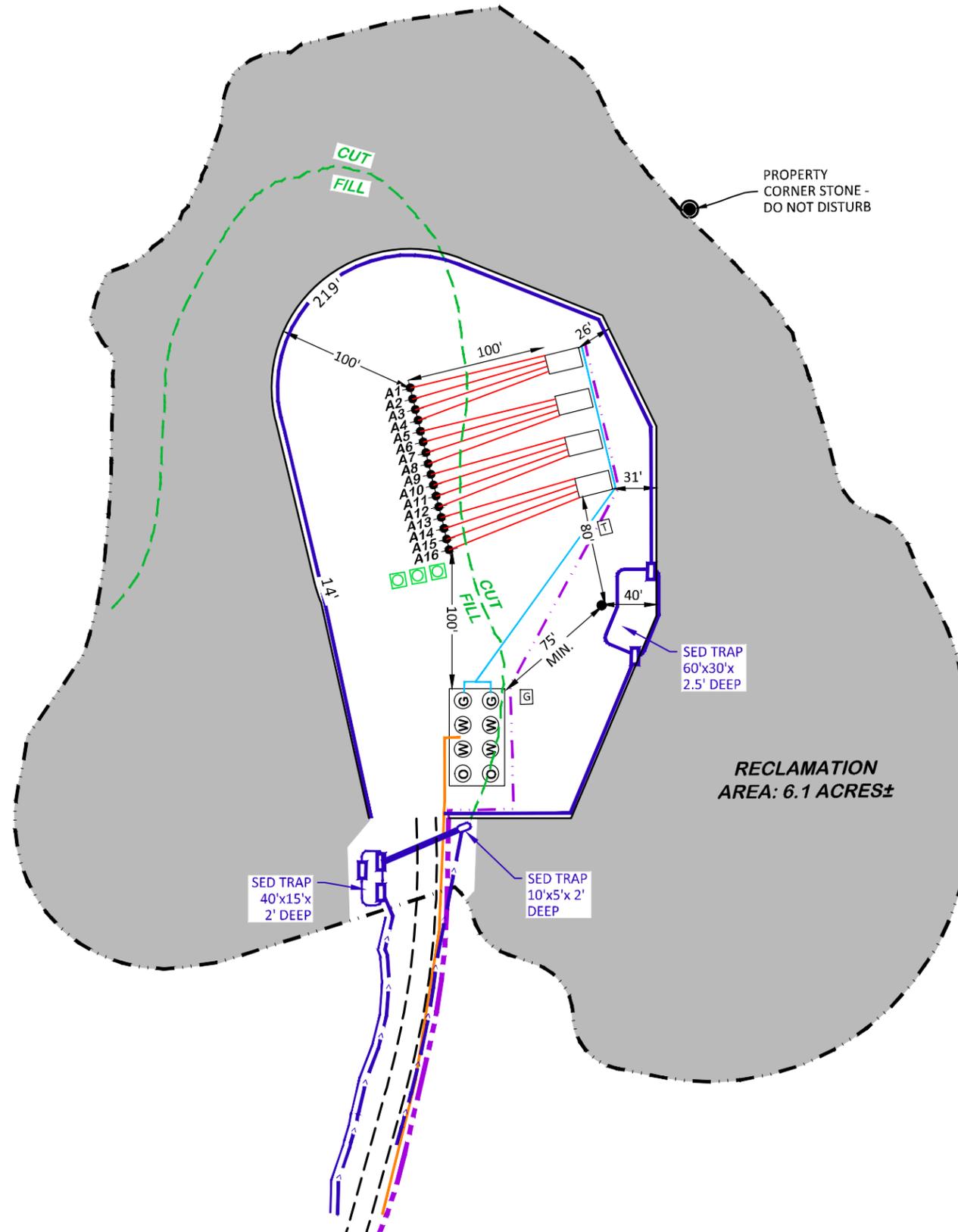
DRAWN: 6/8/2023 - DEH	SCALE: 1" = 100'
REVISED: 9/13/2023 - DEH	DRG JOB No. 22334
MISC. REVISIONS	304c(16) RECLAMATION

FINAL ELEVATION: 7463.2'
 AREA OF DISTURBANCE: 8.3± ACRES
 AREA OF PRODUCTION PAD SURFACE: 2.2± ACRES



- PRODUCTION PAD SURFACE
- OIL AND GAS LOCATION APPROX. AREA OF DISTURBANCE
- CONSTRUCT V-DITCH AND BERM ALONG EDGE OF PRODUCTION PAD
- CONSTRUCT SEDIMENT TRAP
- ROCK ARMOR INLET/OUTLET/OUTFALL
- PROPOSED ACCESS ROAD
- PROPOSED GATHERING PIPELINE
- PROPOSED SALES LINE TO GATHERING
- PROPOSED PRODUCED WATER LINE
- PROPOSED DUMP LINE TO TANKS
- PROPOSED FLOWLINES TO SEPARATORS
- PROPOSED RECLAIMED AREA AT INTERIM RECLAMATION

- TANK BATTERY W/ CONTAINMENT (70'x40'):
2 OIL / 4 PROD. WATER / 2 GUNBARREL
- PRODUCTION EQUIPMENT:
4 - 4 PACK SEPARATORS
- INSTALL 24" x 50' CULVERT
- REMOTE TELEMETRY UNIT
- GENSET
- CHEMICAL STORAGE W/ SECONDARY CONTAINMENT
- VOC COMBUSTORS (TO BE INSTALLED IF REQUIRED PER APEN)



RECLAMATION
 AREA: 6.1 ACRES±

LAYOUT DRAWING 7 OF 7

DRG RIFFIN & ASSOCIATES, INC.

1414 ELK ST., ROCK SPRINGS, WY 82901

DRAWN: 6/8/2023 - DEH

REVISED: 9/13/2023 - DEH

MISC. REVISIONS

SCALE: 1" = 100'

DRG JOB No. 22334

304b(7)BV FACILITY

PRELIMINARY FACILITY LAYOUT
 LARAMIE ENERGY, LLC
 LARAMIE 0993-29-01
 NENE, SECTION 29, T. 9 S., R. 93 W., 6th P.M.,
 MESA COUNTY, COLORADO

BEFORE DIGGING
 CALL FOR
 UTILITY LINE LOCATION

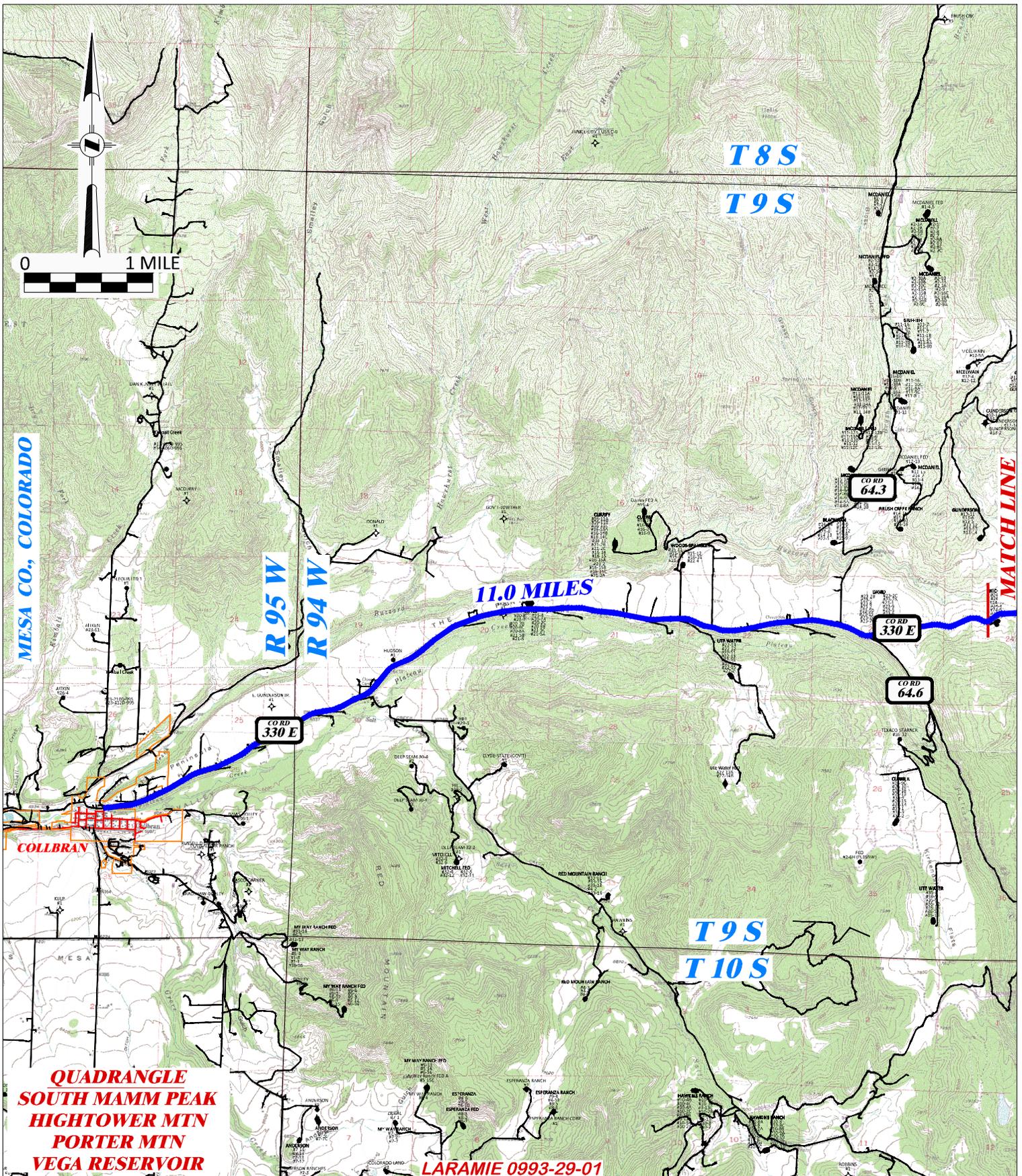
LARAMIE 0993-29-01

Attachment D

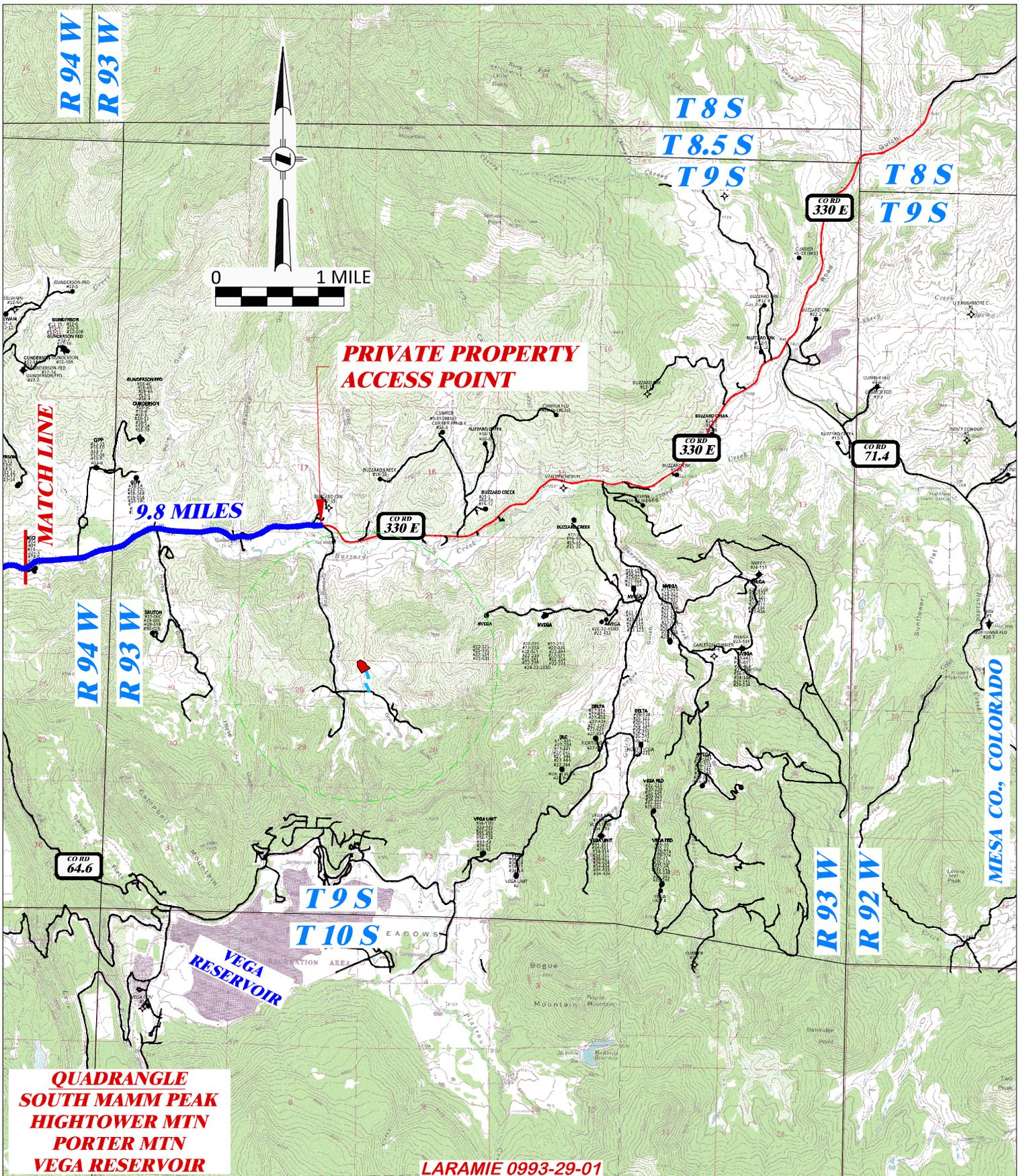
Access Road Map



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



 DRG RIFFIN & ASSOCIATES, INC. (307) 362-5028 1414 ELK ST., ROCK SPRINGS, WY 82901		LARAMIE ACCESS ROAD MAP LARAMIE ENERGY, LLC LARAMIE 0993-29-01 NENE, SECTION 29, T. 9 S., R. 93 W., 6th P.M., MESA COUNTY, COLORADO	
DRAWN: 8/10/2023 - DEH	SCALE: 1" = MILE	PROPOSED ROUTE 	EXISTING ROAD 
REVISED: 9/11/2023 - DEH	DRG JOB No. 22334		
MISC. REVISIONS	304b(7)F PUB ACCESS		



QUADRANGLE
SOUTH MAMM PEAK
HIGHTOWER MTN
PORTER MTN
VEGA RESERVOIR

LARAMIE 0993-29-01

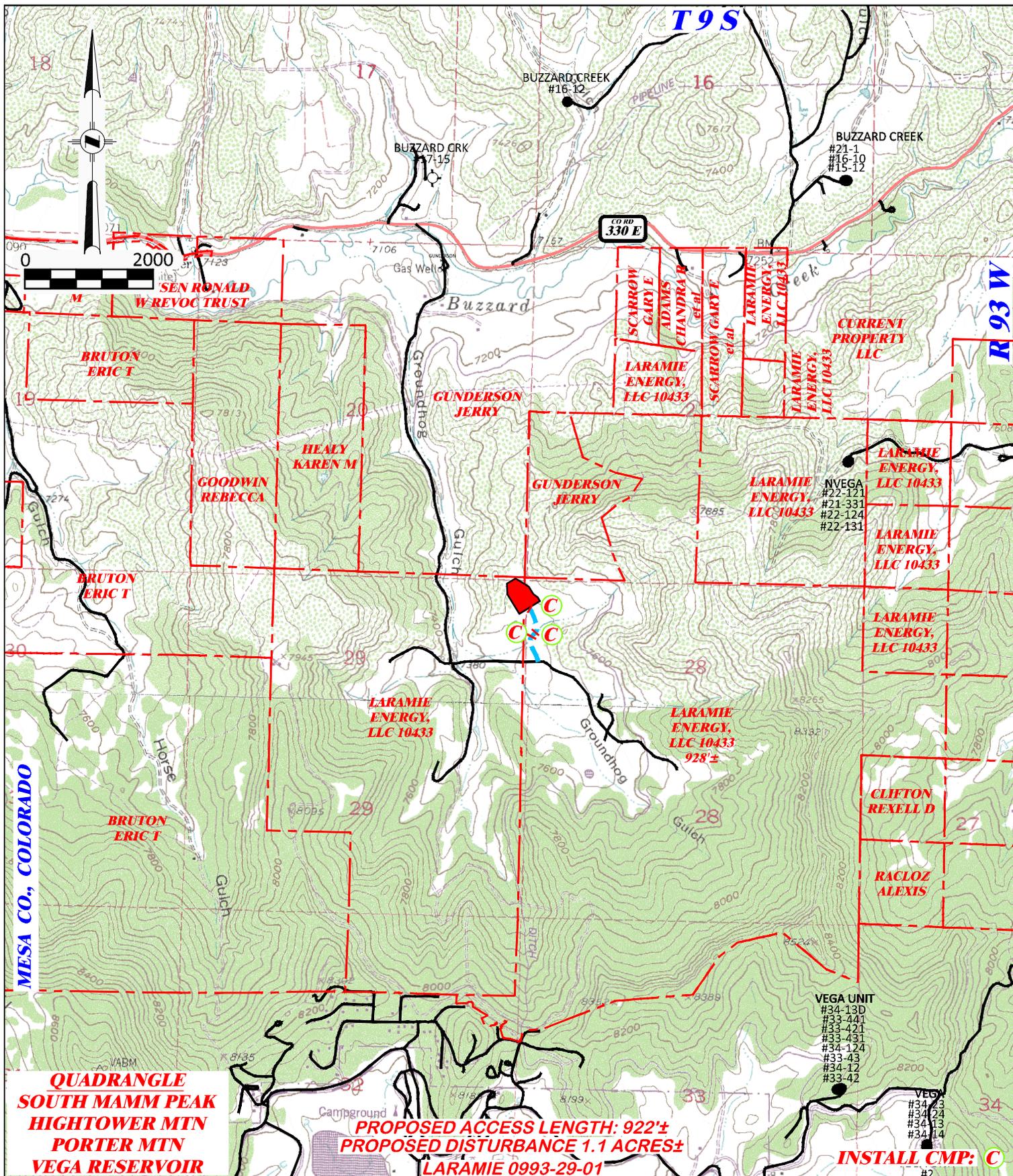
DRG RIFFIN & ASSOCIATES, INC.
 (307) 362-5028 1414 ELK ST., ROCK SPRINGS, WY 82901

DRAWN: 8/10/2023 - DEH	SCALE: 1" = MILE
REVISED: 9/11/2023 - DEH	DRG JOB No. 22334
MISC. REVISIONS	304b(7)F PUB ACCESS (2)

LARAMIE ACCESS ROAD MAP

LARAMIE ENERGY, LLC
LARAMIE 0993-29-01
NENE, SECTION 29, T. 9 S., R. 93 W., 6th P.M.,
MESA COUNTY, COLORADO

PROPOSED ROUTE		EXISTING ROAD	
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DRG RIFFIN & ASSOCIATES, INC. (307) 362-5028 1414 ELK ST., ROCK SPRINGS, WY 82901		PROPOSED NEW ACCESS MAP LARAMIE ENERGY, LLC LARAMIE 0993-29-01 NENE, SECTION 29, T. 9 S., R. 93 W., 6th P.M., MESA COUNTY, COLORADO	
DRAWN: 8/10/2023 - DEH	SCALE: 1" = 2000'	PROPOSED WORKING PAD SURFACE	PROPOSED ACCESS
REVISED: 9/11/2023 - DEH	DRG JOB No. 22334		
MISC. REVISIONS	304b(7)F ROAD	EXISTING ROAD	

Attachment E

Memorandum of SUA



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

MEMORANDUM OF SURFACE USE, ACCESS AND RIGHT-OF-WAY AGREEMENT

WHEREAS, effective on the 1st day of August, 2023, Jerry Gunderson (“Owner”), the Mesa County Land Conservancy, Inc., a Colorado nonprofit corporation, doing business as Colorado West Land Trust (the “Conservancy”) and Laramie Energy, LLC (“Laramie”), entered into that certain Surface Use, Access and Right-of-Way Agreement (“Agreement”) covering the following described lands located in Mesa County, Colorado:

Township 9 South, Range 93 West, 6th P.M.
Section 20: E/2, NE/4NW/4

hereinafter called the “Property”; and

WHEREAS, said Agreement contains all required provisions and agreements as to Laramie’s use of the above described lands, one (1) new oil and gas wellpads, and new gathering lines, and new pipelines, and other new oil and gas equipment and facilities for drilling and production of oil, gas, and other minerals located on or under the Property. The Agreement specially waives the 30 day notice requirement contained in Rule 305 and satisfies the consultation requirement contained in Rule 306 of the Rules and Regulations of the Colorado Oil and Gas Conservation Commission with respect to any and all wells drilled from the Property.

This Memorandum of Surface Use, Access and Right-of-Way Agreement is intended to give public notice of the Agreement by and between Owner, as the Surface Owner, the Conservancy and Laramie, and may be relied upon by all parties.

IN WITNESS WHEREOF, said parties have caused this Memorandum of Surface Use, Access and Right-of-Way Agreement to be executed as of the date first hereinabove written.

OWNER:



Jerry Gunderson

STATE OF COLORADO)
) ss.
COUNTY OF MESA)

The foregoing instrument was acknowledged before me this 2 day of August, 2023 by Jerry Gunderson.

My commission expires: 06/06/2026



Notary Public



CONSERVANCY:

MESA COUNTY LAND
CONSERVANCY, a Colorado
nonprofit corporation, doing business as
COLORADO WEST LAND TRUST

By: Zoh Egle
Title: VICE PRESIDENT

STATE OF COLORADO)
)ss.
COUNTY OF MESA)

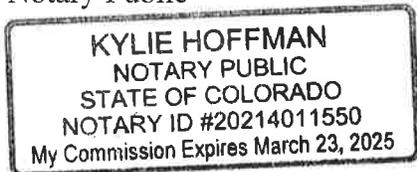
The foregoing instrument was acknowledged before me this 2nd day of August, 2023, by Zachary Eyer as vice president of Mesa County Land Conservancy, Inc., a Colorado non-profit corporation, doing business as Colorado West Land Trust.

WITNESS my hand and official seal.

Kylie Hoffman

My Commission Expires: MARCH 23, 2025

Notary Public



LARAMIE ENERGY, LLC:

By: *J.G. Hohenstein*
Name: James G. Hohenstein
Title: Vice President-Land

STATE OF COLORADO)
CITY AND) ss.
COUNTY OF DENVER)

The foregoing instrument was acknowledged before me this 10th day of ^{August M.W.}~~July~~, 2023 by James G. Hohenstein as Vice President of Land of Laramie Energy, LLC, on behalf of said company.

My commission expires: 10/12/2024

Mary A. Warner
Notary Public



Attachment F

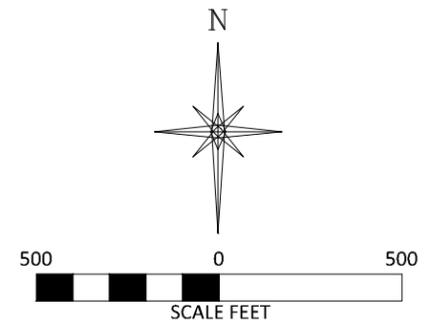
Location Drawing



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

UNGRADED ELEVATION: 7461.4'
 FINAL ELEVATION: 7463.2'
 AREA OF DISTURBANCE: 8.3± ACRES
 AREA OF WORKING PAD SURFACE: 3.7± ACRES

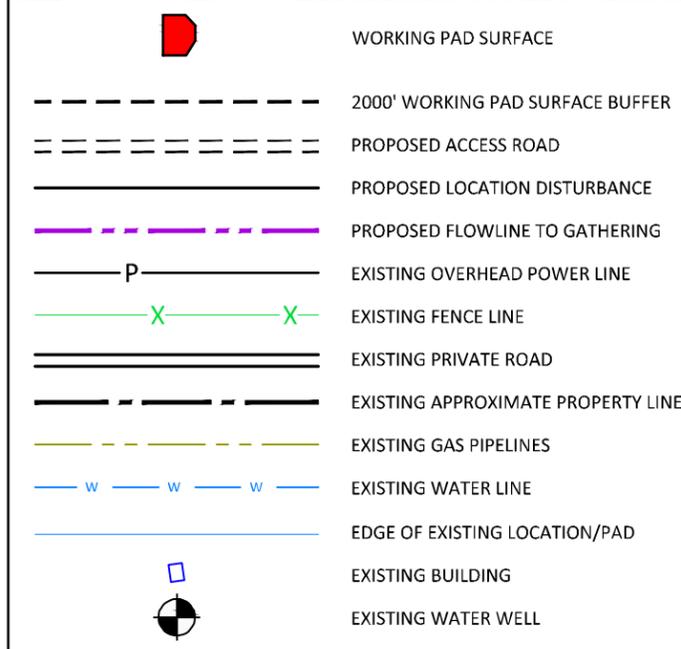
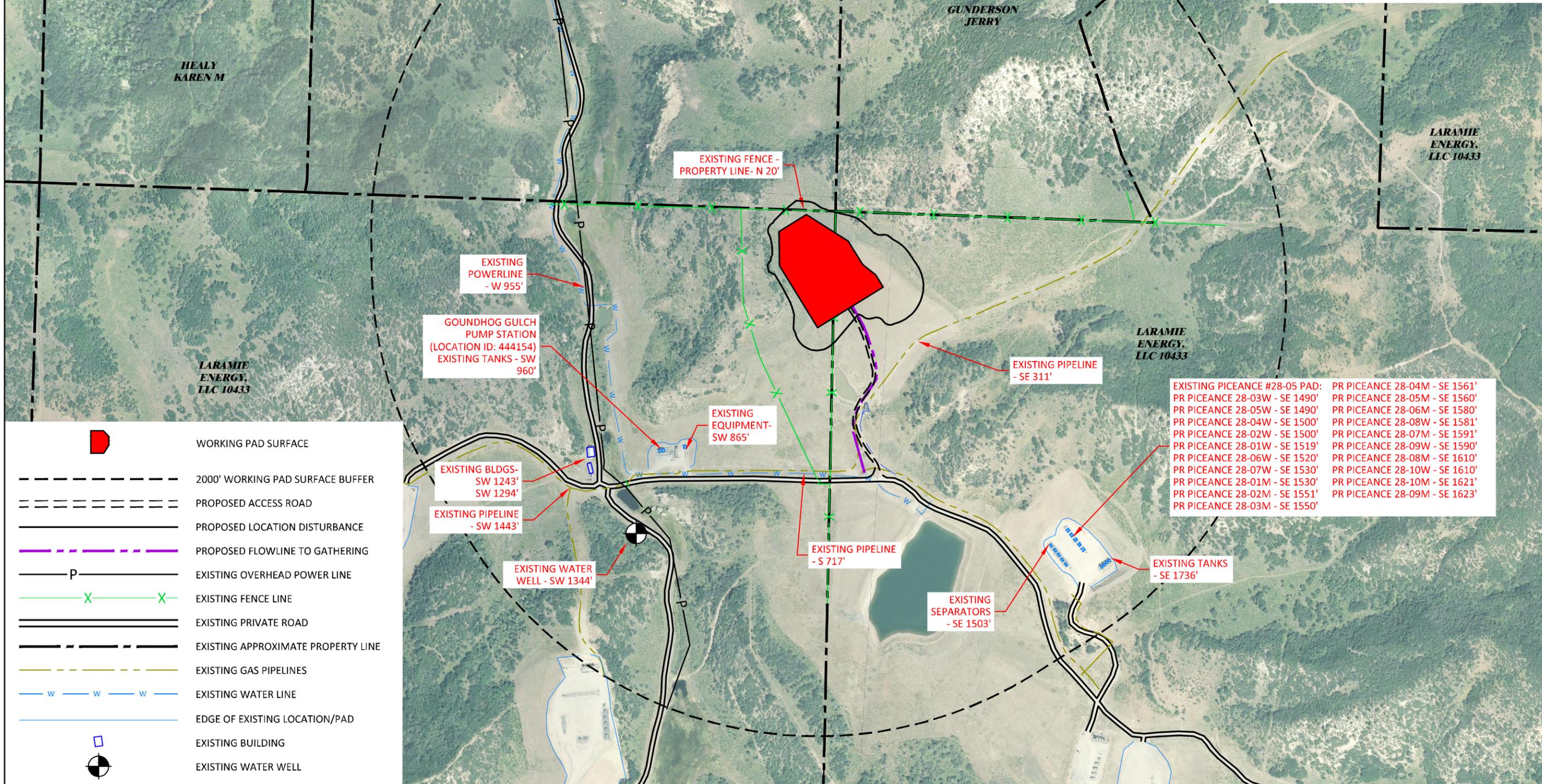
LARAMIE 0993-29-01



**BEFORE DIGGING
 CALL FOR
 UTILITY LINE LOCATION**

PAD LOCATION:
 LAT: 39.254781 N
 LONG: 107.784158 W

LOCATION DRAWING FEATURES 304b(7)A	
FEATURE	DISTANCE
i BUILDING	SW 1243'
i BUILDING UNITS (OCCUPIED)	N 5280'
ii PUBLICLY MAINTAINED ROADS AND TRAILS	N 4858'
iii FENCES	0'
iv ABOVE GROUND UTILITIES	W 955'
v RAILROADS	N 5280'
vi PIPELINES	SE 311'
vii MINES	NE 5280'
viii OIL AND GAS WELLS AND PRODUCTION FACILITIES	SE 1490'
ix INJECTION WELLS	NE 5280'
x PLUGGED OIL AND GAS WELLS	N 5280'
xi KNOWN WATER WELLS	SW 1344'
xii KNOWN SEWERS WITH MANHOLES	W 5280'



LOCATION DRAWING

LARAMIE ENERGY, LLC
 LARAMIE 0993-29-01
 NENE, SECTION 29, T. 9 S., R. 93 W., 6th P.M.,
 MESA COUNTY, COLORADO

DRG RIFFIN & ASSOCIATES, INC.
 1414 ELK ST., ROCK SPRINGS, WY 82901
 (307) 962-5028

SCALE: 1" = 500'
 DRAWN: 8/10/2023 - DEH
 REVISED: 9/11/2023 - DEH
 DRG JOB No. 22334
 304b(7)A LOC AERIAL
 MISC. REVISIONS

EXISTING PICEANCE #28-05 PAD:
 PR PICEANCE 28-03W - SE 1490'
 PR PICEANCE 28-05W - SE 1490'
 PR PICEANCE 28-04W - SE 1500'
 PR PICEANCE 28-02W - SE 1500'
 PR PICEANCE 28-01W - SE 1519'
 PR PICEANCE 28-06W - SE 1520'
 PR PICEANCE 28-07W - SE 1530'
 PR PICEANCE 28-01M - SE 1530'
 PR PICEANCE 28-02M - SE 1551'
 PR PICEANCE 28-03M - SE 1550'

PR PICEANCE 28-04M - SE 1561'
 PR PICEANCE 28-05M - SE 1560'
 PR PICEANCE 28-06M - SE 1580'
 PR PICEANCE 28-08W - SE 1581'
 PR PICEANCE 28-07M - SE 1591'
 PR PICEANCE 28-09W - SE 1590'
 PR PICEANCE 28-08M - SE 1610'
 PR PICEANCE 28-10W - SE 1610'
 PR PICEANCE 28-10M - SE 1621'
 PR PICEANCE 28-09M - SE 1623'