

# **2023 Carrier BCU 0993-16-07 Oil and Gas Development Plan**

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## **Emergency Response Plan ECMC Rule 304.c.(8)**



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

# 2023 Currier BCU 0993-16-07 Oil and Gas Development Plan Emergency Response Plan ECMC Rule 304.c.(8)



## 1. INTRODUCTION

The purpose of the Laramie Energy 2023 Currier BCU 0993-16-07 Oil and Gas Development Plan Emergency Response Plan (Currier 16-07 ERP) is to provide employees and contractors working at Currier BCU 0993-16-07 well pad (Currier 16-07) in the Laramie Energy, LLC's (Laramie) (Operator # 10433) with emergency procedures and phone numbers for local emergency response agencies that should be contacted in the event of an emergency at the pad.

The following plan addresses the applicable requirements for the Colorado Energy and Carbon Management Commission (referred to hereinafter as ECMC or the Commission) Rule 304.c.(8) Emergency Response Plan under 300 Series of the Commission's rules as required for a Form 2A Location Assessment permit application. The Currier 16-07 ERP was developed in accordance with ECMC Rule 602.j. and ECMC Emergency Response Plan Guidance (February 16, 2021).

The subject ERP was prepared to provide site-specific emergency response information for the Currier 16-07. The plan includes emergency routes, site location descriptions, and Laramie's Emergency Action Plan (ERP), detailing fieldwide emergency response actions. Employees and contractors shall familiarize themselves with emergency plans and emergency routes if accessing the Currier 16-07 location.

## 2. LOCAL EMERGENCY AGENCY APPROVAL - ECMC RULE 602.j.

In accordance with ECMC Rule 602.j., the Currier 16-07 ERP was approved by the Plateau Valley Fire Protection District on July, 2023. Signature of approval is provided in **Appendix A**.

## 3. CURRIER BCU 0993-16-07 WELL PAD – LOCATION DETAILS

The 2023 Currier 16-07 OGDG involves construction, drilling, completions, and production of one (1) well pad with 23 new directional natural gas wells. Site-specific details are provided in the Currier 16-07 ERP, including location details, access route maps, coordinates, and location summary. The Currier 16-07 is located within Laramie's North Vega operations area in Mesa County, Colorado.

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**Table 1. Well Pad Location Description**

<b>Location Name</b>	Currier BCU 0993-16-07
<b>ECMC Location ID</b>	New Location
<b>Legal Description</b>	SWNE of Section 16, Township 9 South, Range 93 West, 6 <sup>th</sup> P.M.
<b>Location Coordinates</b>	Latitude: 39.277849°; Longitude: -107.773627°
<b>Elevation</b>	7456 feet
<b>County</b>	Mesa
<b>Zone District</b>	Agricultural, Forestry, Transitional District (AFT)
<b>Parcel Number</b>	TBD – New Parcel Number.
<b>Surface Owner</b>	Carlyle W. Currier & Dawn M. Currier

If approved, the proposed well pad will be constructed to create an approximate 4.1 acre Working Pad Surface (WPS) to accommodate drilling equipment, piping, a truck/equipment turn-around location, and facilities for twenty-three (23) directional gas wells developing fee and federal minerals. The Area of Disturbance for the Currier 16-07 well pad, including cut and fill slopes and soil stockpiles, will be approximately 9.0 acres. Acreage disturbance for the project is detailed in **Table 2**.

Construction of the Currier 16-07 site-specific access road will result in 1.0 acres of new disturbance to construct a new segment of road. Approximately 890 feet of new access road would be constructed to access the subject well pad.

Approximately 781 feet of 8-inch welded steel gas gathering line and approximately 781 feet of 4-inch Flexpipe water gathering line will be required to tie into Laramie’s existing 16-inch gas gathering line and 4-inch Flexpipe waterline adjacent to the proposed pad. The pipeline will be installed south of the Currier 16-07 pad and within an existing pipeline corridor. The gas pipeline and water gathering line will result in 0.9 acres of short-term disturbance but will be installed within 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 Currier 16-07. During interim reclamation, the cut and fill slopes will be reshaped and contoured, reclaiming approximately 6.9 acres. The Production Pad Surface (long-term well pad disturbance) will be 2.1 acres. The total long-term disturbance associated with this pad and access road will be 3.1 acres.



**Table 2. Disturbance Acreage**

<b>Well Pad</b>		<b>Disturbance in Acres</b>	
Area of Disturbance		9.0	
Working Pad Surface		4.1	
Area to be Interim Reclaimed		6.9	
Production Pad Surface (after Interim Reclamation)		2.1	
<b>Access Road</b>		<b>Disturbance in Acres</b>	
Proposed Access Road Acreage (890 feet)		1.0	
<b>Pipeline</b>		<b>Disturbance in Acres</b>	
Proposed Pipeline* (781-foot Segment) (Installed in Previously Disturbed Pipeline ROW)		0.9	
<b>Disturbance Totals - Acres</b>			
<b>New</b>	<b>Previously Disturbed</b>	<b>Short-term</b>	<b>Long Term</b>
<b>10</b>	<b>0.9</b>	<b>10.9</b>	<b>3.1</b>

#### **4. DIRECTIONS TO THE CURRIER BCU 0993-16-07 FROM NEAREST PUBLIC ROAD**

The Currier 16-07 is located in a remote area approximately 9.5 mapped miles east of Collbran, Colorado. The nearest public road is Highway 330E. The Currier 16-07 will be accessed from an existing private lease access road located on privately owned surface. The Currier 16-07 is located approximately 4,200 feet (access distance) from the intersection of Highway 330 (public road). A short site-specific access road will be constructed to access the Currier 16-07 from the existing lease road. The site-specific access road will result in 1.0 acres of disturbance. The access road is mainly located on Laramie owned surface. The following directions are from the Town of Collbran.

- From the Town of Collbran, head 11 miles east on Highway 330E.
- At the intersection of HWY 330E and the private lease road, turn left (north) onto Laramie owned surface. Head north for approximately 1,400 feet.
- Continue until reaching an unlocked gate. Proceed through the gate for approximately 2,800 feet, continuing north. After the gate, vehicles will be traveling on surface owned by Carlyle W. Currier & Dawn M. Currier.
- The entrance to the Currier BCU 0993-16-07 will be located on the left (southwesterly direction).
- Continue on the site-specific access road for 890 feet until reaching the well pad.

The emergency access route map and haul route map are provided in **Appendix B**.

#### **5. INGRESS AND EGRESS**

The Currier 16-07 site-specific road will be accessed via existing private access roads

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located on private surface; a portion of existing lease road is located on Laramie owned surface. Laramie maintains the entire section of private lease access road, providing safe and accessible access to vehicles.

**6. EMERGENCY CONTACT INFORMATION**

Location details and emergency contacts are listed below in **Table 3** and in the Notification Chart (**Appendix C**). Addition emergency contacts are listed in the Laramie Emergency Action Plan.

**Table 3. Emergency Contacts and Notification Information**

<b>CURRIER BCU 0993-16-07 WELL PAD – EMERGENCY CONTACTS</b>	
<b>Site Name</b>	Currier BCU 0993-16-07
<b>Legal Description</b>	SWNE of Section 16, Township 9 South, Range 93 West, 6 <sup>th</sup> P.M.
<b>Coordinates</b>	Latitude: 39.277849° Longitude: -107.773627°
<b>Operator</b>	Laramie Energy, LLC 760 Horizon Drive, Suite 101 Grand Junction, CO 81506 Operator Number - 10433
<b>Landowner/Surface Owner</b>	Currier Family Partnership LLLP
<b>Operations Area</b>	North Vega
<b>Health &amp; Safety Coordinator</b>	<b>Greg Anoaia</b> 970-263-3627 – Office 970-216-1387 - Cell ganoia@laramie-energy.com
<b>South Production Manager</b>	<b>Rory Mortensen</b> 970-778-5161 – Cell 970-487-3843 – Office
<b>Regulatory &amp; Environmental Manager</b> For spills, environmental, wildlife	<b>Wayne Bankert</b> 970-985-5383 - Cell 970-812-5310 - Office
<b>Plateau Valley Fire Protection District</b>	2004 Elm Street Collbran, CO 81624 (970)487-3762
<b>CareFlight</b>	(800) 332-4923
<b>Mesa County Sheriff</b>	970-242-6707
<b>Saint Mary’s Hospital</b>	970-244-2273
<b>Colorado State Patrol</b>	970-249-4392



**7. MUTUAL AID AGENCIES**

<b>PLATEAU VALLEY FIRE PROTECTION DISTRICT</b>	
<b>Collbran Station 91</b>	<b>Fire Chief</b>
2004 Elm Street Collbran, CO 81624 (970)487-3762	Eric Bruton 970-268-5283 Office e.bruton@pvfiredept.org

**8. STAFF OF LOCAL AND MUTUAL AGENCIES**

The Plateau Valley Fire Protection District provides Fire and EMS service to Collbran, Mesa, Molina, and surrounding rural areas. The Plateau Valley Fire Protection District has three station locations: Mesa Station 92, Molina Station 93, and Collbran Station 91. Collbran Station 91 is the nearest station to the Currier 16-07.

The Plateau Valley Fire Protection District has 8 staff and 17 volunteers. The Plateau Valley Fire Protection District has three (3) full time staff during the day and two (2) full time staff plus (1) ALS provider during the night shift. The Plateau Valley Fire Protection District provides 24/7 Advanced Life Support ambulance service and has 3 ambulances. The Plateau Valley Fire Protection District has a county wide mutual aid agreement that gives access to 10 more ambulances and up to 4 helicopters. The Plateau Valley Fire Protection District multiple resources for firefighting including brush trucks.

**9. PROPOSED OPERATIONS DESCRIPTION**

The Form 2A is requesting to permit a new oil and gas location. The proposed well pad will be located on private property. Laramie has an established Surface Use Agreement (SUA) with the Surface Owner. Laramie is proposing 23 wells to be drilled at the subject well pad. The site’s location is centralized to Laramie’s North Vega operations area. The Currier 16-07 will utilize a closed-loop drilling system. Only water-based bentonite drilling fluids, not oil-based fluids, will be utilized for the 23 wells. The site will operate in accordance with applicable local, state, and Federal regulations.



**Table 4. Timeframe for Operational Phases**

Phase/Activity /Stage	Timeframe (Days)
Construction	30
Drilling Mobilization	4
Drilling	104
Drilling Demobilization	4
Production Installation	21
Completions Mobilization	10
Completions and Flowback	58
Completions Demobilization	10
Interim Reclamation	14
Production	Up to 30 years
Inspection Activities	Will Occur During All Phases

## 10. OPERATIONS LAYOUT AND EQUIPMENT LIST

Layout drawings for each operational phase is provided in **Appendix D** of the Currier 16-07 ERP. Preliminary equipment placement is subject to equipment availability.

Pre-production (drilling, completions, and flowback) phase equipment is listed below in **Table 5**. Equipment will be mobilized to the Currier 16-07 and will be removed upon well completion.

**Table 5. Pre-Production Equipment List - Currier BCU 0993-16-07 Well Pad**

Equipment	Number of Units	Total Capacity
Drill Rig	1	
Upright tanks for Freshwater storage tanks	4	1600 barrels
Mud pits	6-8	400-600bbls
Trip tanks	2	80 barrels
Mud shack	2	
Rig diesel tank	1	240 barrels
Mud pumps	2	
Generators	3	
Cutting Management Area	1	
Cuttings Tank	1	
Rig Office	1	
Company Man	1	
Crew Camp	4	
Water Tank	2	TBD
Sewer Tank	2	TBD
Frac Tanks	60	30,000 barrels
Frac Pump (diesel)	12	2,760 gallons
Charge Pump / Blender	1	100 gallons

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Production equipment will be located onsite during production operations. Production equipment is listed below in **Table 6**.

**Table 6. Proposed Production Equipment**

<b>Equipment</b>	<b>Number of Units</b>	<b>Total Capacity</b>
Oil Tanks	3	1200 barrels
Produced Water Tanks	5	2000 barrels
Gunbarrel Tanks	2	800 barrels
Chemical Storage Tanks	4	1320 gallons
Separators	23	
VOC combustor (if needed)	TBD	

Tanks that will be installed at the Currier 16-07 will have a capacity of 400 barrels each with a total capacity of 4,000 barrels for the Currier 16-07. Each tank will be located more than 3 feet apart in accordance with ECMC Rule 608.a.(2).A. Laramie will label all tanks on the subject pad to comply with ECMC Rule 605.h. and Rule 608.a.(12).

**11. SENSITIVE AREAS**

The following cultural features are **not** located within 2,000 feet of the Laramie Currier 16-07:

- Residential Building Unit
- A High Occupancy Building Unit
- A School Facility
- A Designated Outside Activity Area boundary
- Residential Building Unit, High Occupancy Building Unit, or School Facility within a Disproportionately Impacted Community within 2,000 feet of the proposed Working Pad Surface
- Railroad
- Public Road

The Currier 16-07 WPS is located within 2,000 feet of the following cultural features:

- Fence
- Property line
- Above Ground Utility

There are two downgradient surface water features that are located within 500 feet of the Currier BCU 0993-16-07 Working Pad Surface (WPS). At the nearest point, an unnamed intermittent stream is located 476 feet from the WPS to the east and an unnamed ephemeral drainage is located 487 feet from the WPS to the northwest. Existing private lease access roads are located between the Currier BCU 0993-16-07 and the unnamed drainages. Established vegetation consisting of mixed mountain shrublands, grasses, and forbs exists between the Currier BCU 0993-16-07 and the unnamed drainages as well.

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The unnamed intermittent stream, located downgradient to the east, flows into Carter Gulch (intermittent stream). The receiving water of Carter Gulch is Buzzard Creek (a perennial stream). Buzzard Creek flows into 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. The Colorado River is the ultimate receiving water. Additional intermittent streams and wetlands are located within ½ radius of the WPS; however, these surface water features are not located downgradient of the well pad.

## 12. POTENTIAL IMPACTS AND MITIGATION

Potential spills will be mitigated by the construction of BMPs, installation of containment, the continuous presence of personnel during pre-production operations to monitor equipment, remote monitoring during production, and daily site visits during production operations.

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 at the Currier 16-07. 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.

During production, tanks will be equipped with dedicated continuous monitoring through a SCADA platform at the Currier 16-07 for remote monitoring, alerting, and shut-in capabilities. Laramie's SCADA system, which provides real-time fluid level data, will allow for continuous monitoring of tank volumes.

During production, four (4) 330-gallon chemical storage units with secondary containment will be located on the Production Pad Surface. Each portable chemical storage unit is outfitted with a secondary containment feature which is adequate for the size of the storage tank prevent discharges. Chemicals stored on location will consist of corrosion/scale inhibitor, wetting agent, and H<sub>2</sub>S scavenger.

Mitigation efforts and spill response are described in the Currier BCU 0993-16-07 Leak Detection Plan and Laramie's Spill Prevention Control and Countermeasure Plan: Western Colorado Facilities. Additional response actions detailed in the Emergency Action Plan (**Appendix E**).

## 13. EMERGENCY RESPONSE EQUIPMENT

During drilling, completions, and flowback operations, a fully equipped emergency spill response trailer will be staged at an adjacent Laramie owned Oil and Gas Location, the Buzzard Creek Laydown Yard (permitted through Mesa County and located on Laramie

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owned surface) and prepared for immediate response in the event of the release or spill during pre-production activities. A second emergency spill response trailer will be available for immediate mobilization if needed at Laramie’s Harrison Creek Water Treatment Facility (Location ID # 413056) approximately 3.3 miles from the Currier 16-07 location.

An emergency spill kit (95-gallon drum spill kit) will be placed on the pad for any spills that might occur for the life of the producing wells. Any spills that occur will be reported in compliance with ECMC rules and procedures.

**14. HEALTH AND SAFETY ACTION LEVELS**

Laramie Energy uses a risk based classification system, based on ISO 31000 standards for Risk. Incidents are classified as Critical, Serious, Moderate and Minor.

Level	People	Environment	Assets
<b>4 Critical</b>	<ul style="list-style-type: none"> <li>· Fatality</li> <li>· Long-term health impact</li> <li>· Permanent disability</li> <li>· Life altering injury or illness</li> <li>· Evacuation of a facility and community</li> <li>· Action from landowner/activist involving weapons</li> </ul>	<ul style="list-style-type: none"> <li>· Severe long-term environmental damage</li> <li>· Wide-spread impacts to sensitive environments, wildlife and/or major bodies of water</li> <li>· Significant off lease/site groundwater impacts</li> </ul>	<ul style="list-style-type: none"> <li>· One month facility/equipment outage</li> <li>· Production, equipment, property, motor vehicle loss and or damage greater than \$10 million</li> <li>· Terrorist attack/attempt</li> </ul>
<b>3 Serious</b>	<ul style="list-style-type: none"> <li>· Short term health impact</li> <li>· Lost time injury or illness</li> <li>· Evacuation of facility and immediate area</li> <li>· Violent action from landowner/activist</li> </ul>	<ul style="list-style-type: none"> <li>· Severe short-term environmental damage</li> <li>· Localized on lease groundwater impacts</li> <li>· Significant off lease/site surface impacts</li> </ul>	<ul style="list-style-type: none"> <li>· One week facility/equipment outage</li> <li>· Production, equipment, property, motor vehicle loss and or damage greater than \$1 million</li> <li>· Substantial loss from theft/vandalism</li> </ul>
<b>2 Moderate</b>	<ul style="list-style-type: none"> <li>· Medical aid injury or illness</li> <li>· Restricted work /modified duties</li> <li>· Evacuation of job site</li> <li>· Specific threat from landowner/activist</li> </ul>	<ul style="list-style-type: none"> <li>· Moderate environmental damage</li> <li>· No groundwater impacts</li> <li>· Localized off lease/site surface impacts</li> <li>· Immediate clean up</li> </ul>	<ul style="list-style-type: none"> <li>· Short term (less than one week) facility/equipment outage</li> <li>· Production, equipment, property, motor vehicle loss and or damage greater than \$100,000</li> <li>· Major Property crime</li> </ul>
<b>1 Minor</b>	<ul style="list-style-type: none"> <li>· First Aid injury or illness</li> <li>· Implied threat from landowner/activist</li> </ul>	<ul style="list-style-type: none"> <li>· Minor environmental damage</li> <li>· Localized on lease/site surface impacts</li> </ul>	<ul style="list-style-type: none"> <li>· Negligible production loss</li> <li>· Production, equipment, property, motor vehicle loss and/or damage less than \$100,000</li> <li>· Minor property crime</li> </ul>

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Laramie management will determine the action level or decontamination severity; and will evacuate and report based on the severity level. Laramie management is responsible for taking tactical actions to mitigate emergencies and will protect life, environment and property, in that order. The Laramie ERP applies to E&P production locations located in Garfield, Mesa, and Rio Blanco counties.

## 15. COORDINATION WITH LOCAL RESPONDERS

Laramie is a member of the Mesa County Local Emergency Planning Committee (LEPC). Laramie participates in discussion on oil and gas related issues and topics. The PVFPD was invited to the Currier 16-07 Pre-Application Onsite on June 12, 2023, but was not able to attend.

## 16. EMERGENCY RESPONSE DOCUMENT GUIDE

LIST OF APPENDICES	
Appendix A	Rule 602.j. Local Emergency Response Agency
Appendix B	Emergency Access and Haul Route Maps
Appendix C	Emergency Notification Chart
Appendix D	Currier BCU 0993-16-07 Pad Layout Drawings
Appendix E	Emergency Action Plan



# **Appendix A**

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## **ECMC Rule 602.j. Local Emergency Response Agency**

### **Approval of 2023 Currier BCU 0993-16-07 OGDP ERP**

**Laramie Energy, LLC  
2023 Currier BCU 0993-16-07 OGD  
Emergency Response Plan**

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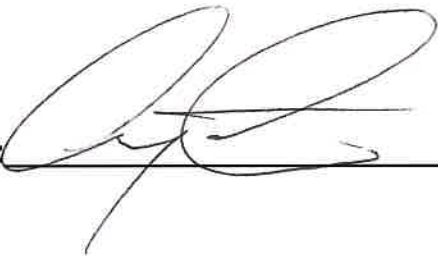
**Colorado Energy & Carbon Management Commission  
Rule 602.j. Local Emergency Response Agency**

Grand Junction Office  
760 Horizon Drive, Suite 101  
Grand Junction, CO 81506

Corporate Office  
1700 Lincoln Street, Suite 3950  
Denver, CO 80203

**The following Emergency Response Plan is approved by:**

**Plateau Valley Fire Protection District**

Staff:  \_\_\_\_\_

Title: EMT-P \_\_\_\_\_

Date: 07-11-23 \_\_\_\_\_



# **Appendix B**

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## **Emergency Access and Haul Route Maps**

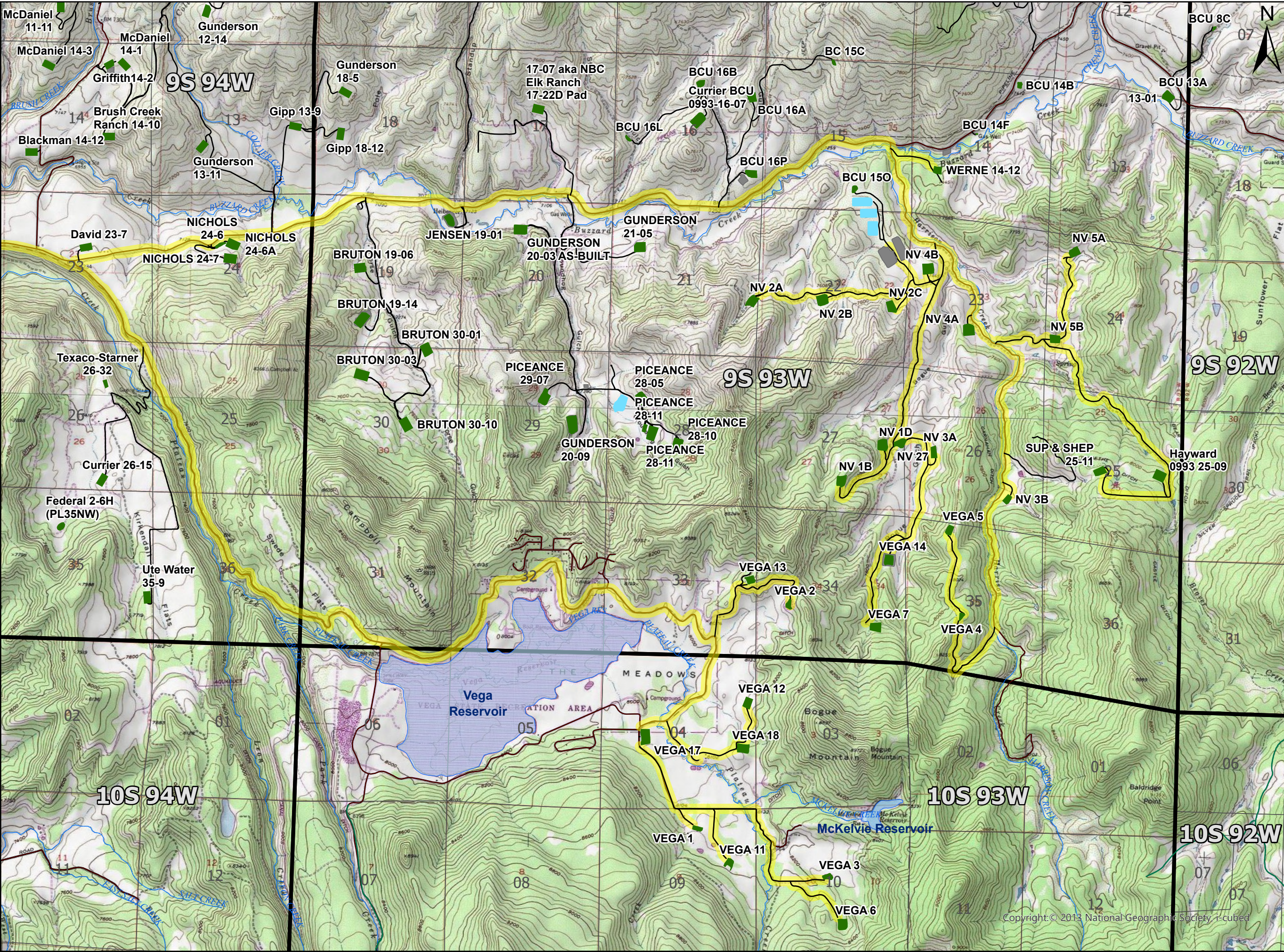
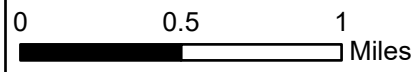
# VEGA NORTH VEGA

## EMERGENCY ACCESS MAP

T9S R93W & T10S R93W  
Mesa County, Colorado






-  Access Roads
-  Mesa Co Roads
-  USFS Roads
-  Emergency Access
-  Pad
-  Pond
-  Other Facilities

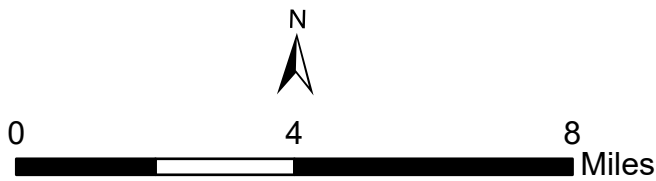


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-  Site Location
-  USFS Roads
-  Public Roads

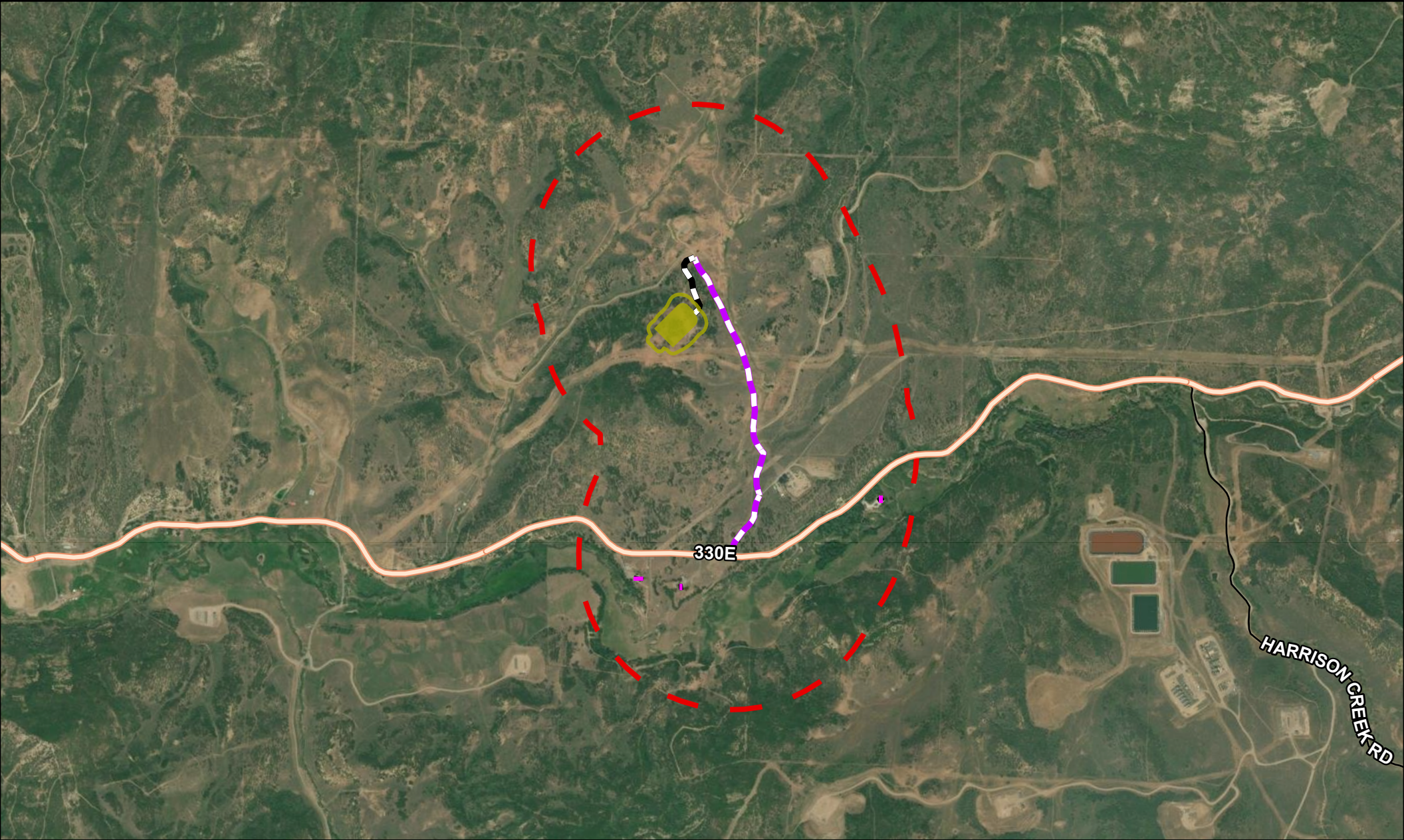
-  Currier BCU 0993-16-07 Access Road 5,900 ft
-  Route 1 - 34 Miles
-  Route 2 - 39 Miles











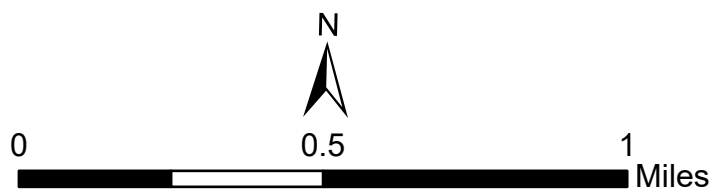
### Haul Route Map

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





-  Proposed Carrier BCU 0993-16-07 Well Pad Access Road
-  Existing Private Lease Road
-  Private Lease Road
-  Public Road
-  Residential Building Units
-  Carrier BCU 01993 16-07 Access Road Buffer (2,000ft)
-  Pad Disturbance
-  Working Pad Surface



### Access Road Map

ECMC Rule 304.b.7.F  
**Carrier BCU 0993-16-07**  
 SWNE, SECTION 16,  
 T9S, R93W, 6th P.M.  
 Mesa County, CO





# **Appendix C**

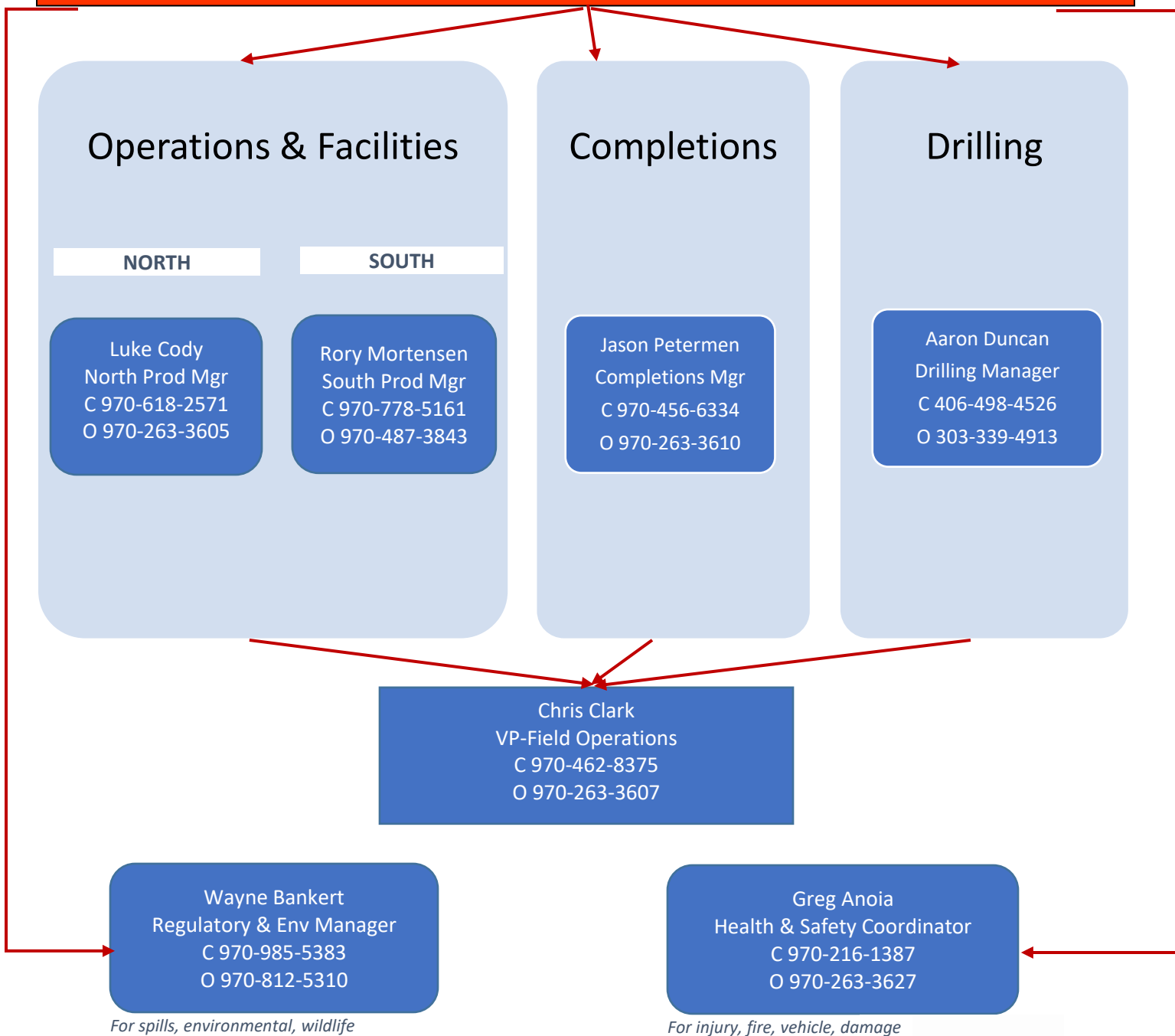
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## **Emergency Notification Chart**

# Emergency Notification Chart

**First Responder: contact emergency services as necessary 911. Direct Dispatch numbers are listed below.**

**\*\*Verbal contact MUST be made or move to next person in line. Voicemail, email or text are not acceptable for emergency notification\*\***



Mesa County Dispatch (Debeque/Collbran)	970-242-1234
Garfield County Dispatch (Rifle)	970-625-8095
Rio Blanco County Dispatch (Buckhorn Draw/Piceance)	970-878-9625
St. Mary's Careflight	970-332-4923
Poison Control Hotline	800-222-1222
Chemtrec	800-424-9300





# **Appendix D**

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## **Currier BCU 0993-16-07 Layout Drawings**



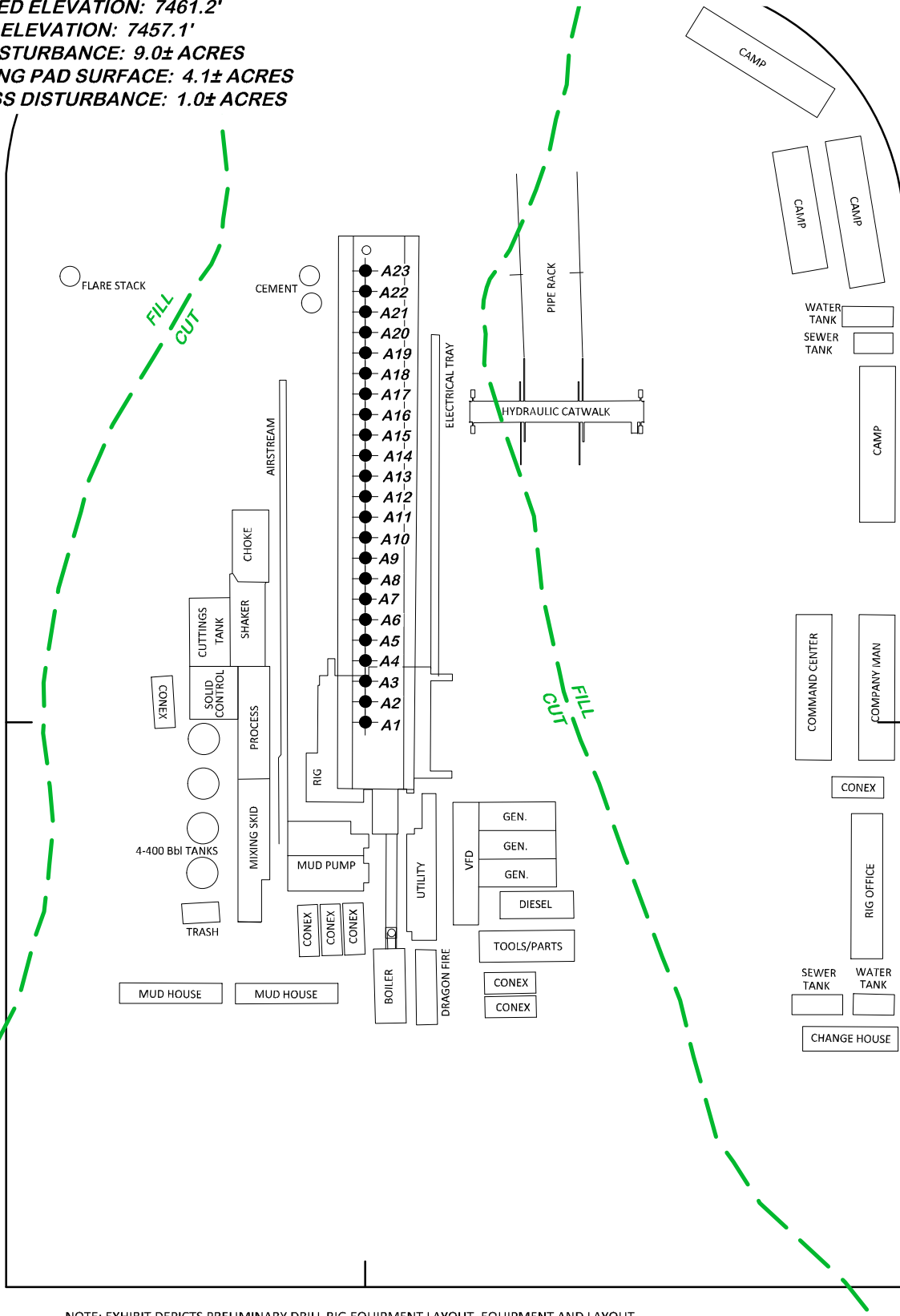
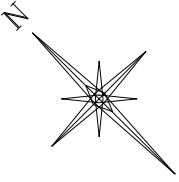
UNGRADED ELEVATION: 7461.2'

FINAL ELEVATION: 7457.1'

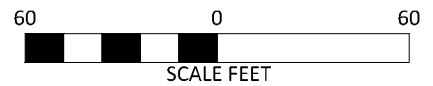
AREA OF DISTURBANCE: 9.0± ACRES

AREA OF WORKING PAD SURFACE: 4.1± ACRES

AREA OF ACCESS DISTURBANCE: 1.0± ACRES



NOTE: EXHIBIT DEPICTS PRELIMINARY DRILL RIG EQUIPMENT LAYOUT. EQUIPMENT AND LAYOUT ARE SUBJECT TO CHANGE DEPENDING ON EQUIPMENT AVAILABILITY AND SITE CONDITIONS.



**BEFORE DIGGING  
CALL FOR  
UTILITY LINE LOCATION**

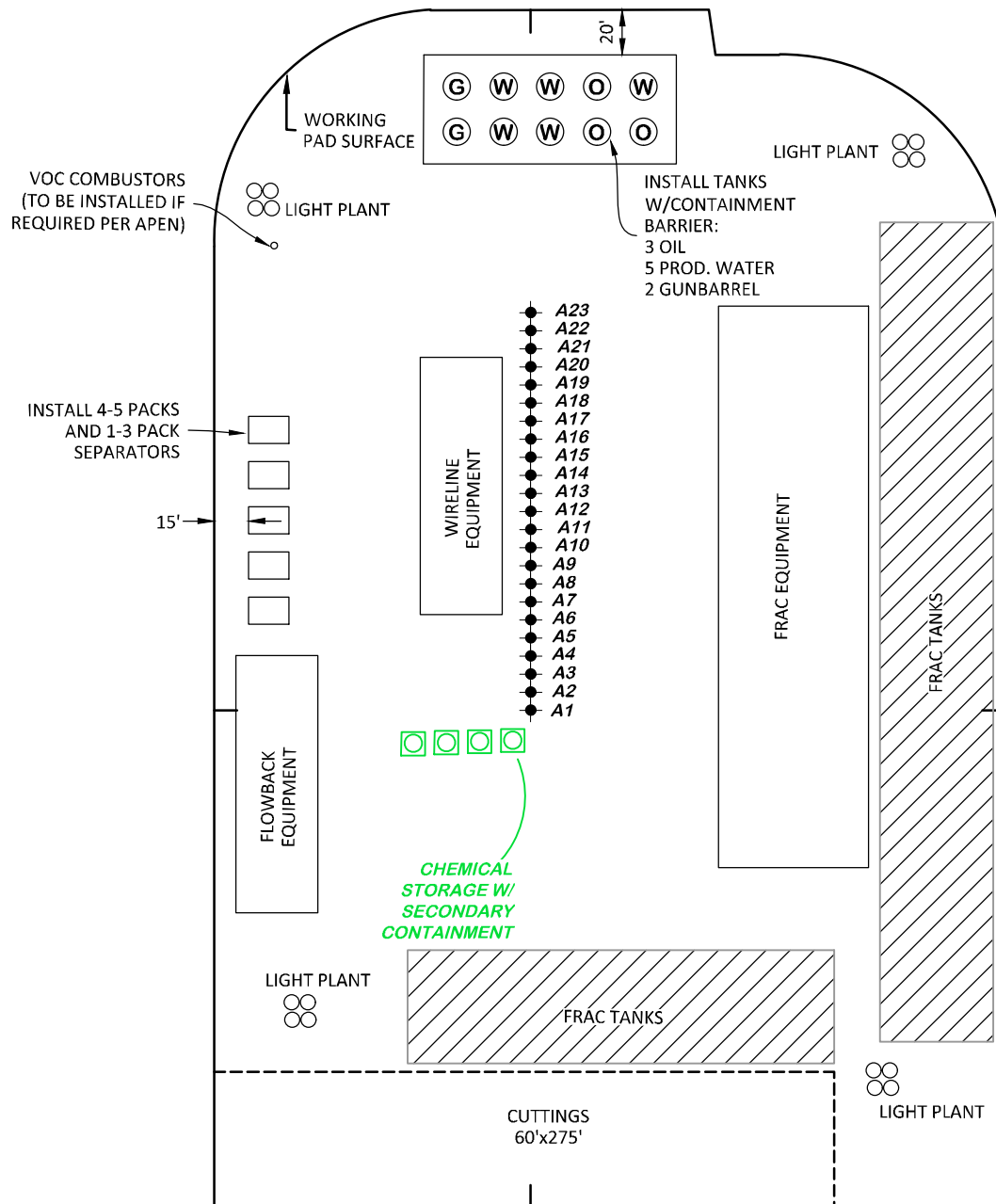
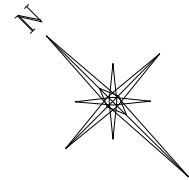
**CURRIER BCU 0993-16-07 PAD**

**LAYOUT DRAWING 4 OF 7**

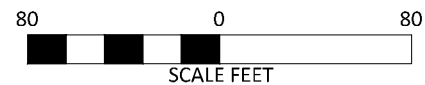
**DRG** **RIFFIN & ASSOCIATES, INC.**  
 (307) 362-5028 1414 ELK ST., ROCK SPRINGS, WY 82901

<b>DRAWN:</b> 7/5/2023 - DEH	<b>SCALE:</b> 1" = 60'
<b>REVISED:</b> N/A	<b>DRG JOB No.</b> 22254
	<b>304b(7)Bii RIG DET</b>

**RIG DETAIL**  
**LARAMIE ENERGY, LLC**  
**CURRIER BCU 0993-16-07**  
**SWNE, SECTION 16, T. 9 S., R. 93 W., 6th P.M.,**  
**MESA COUNTY, COLORADO**



- NOTES:**
1. COMPLETIONS AND FLOWBACK OPERATIONS WILL BE CONDUCTED CONCURRENTLY.
  2. EXHIBIT DEPICTS PRELIMINARY FRAC AND FLOWBACK EQUIPMENT LAYOUT. EQUIPMENT AND LAYOUT ARE SUBJECT TO CHANGE DEPENDING ON EQUIPMENT AVAILABILITY AND SITE CONDITIONS.
  3. SIXTY (60) FRAC TANKS. CAPACITY PER FRAC TANK: 500 BBLs. TOTAL FRAC TANK CAPACITY (60 FRAC TANKS): 30,000 BBLs.
  4. EQUIPMENT LOCATED WITHIN THE "FRAC EQUIPMENT" ENVELOPE: HYDRAULIC STIMULATION CONTROL TRAILER, DIESEL FRAC PUMPS, CHARGE PUMP, AND TEMPORARY CHEMICAL STORAGE
  5. EACH LIGHT PLANT IS A SELF-CONTAINED UNIT WITH A GENERATOR AND AUXILIARY POWER SOURCE.
  6. ACTUAL WATER LINE AND WATER PUMP PLACEMENT DEPENDENT ON PRE-COMPLETION ALIGNMENT OF FRAC TANKS.
  7. OPERATOR WILL UTILIZE HEAT PUMPS FOR WINTER OPERATIONS BASED ON LOCATION SPACING.
  8. FLOWBACK SUPPORT TRAILER IS LOCATED WITHIN "FLOWBACK SEPARATORS" ENVELOPE.
  9. PLEASE REFER TO THE CONSTRUCTION LAYOUT DRAWING FOR STORMWATER CONTROL MEASURES.



**CURRIER BCU 0993-16-07 PAD**

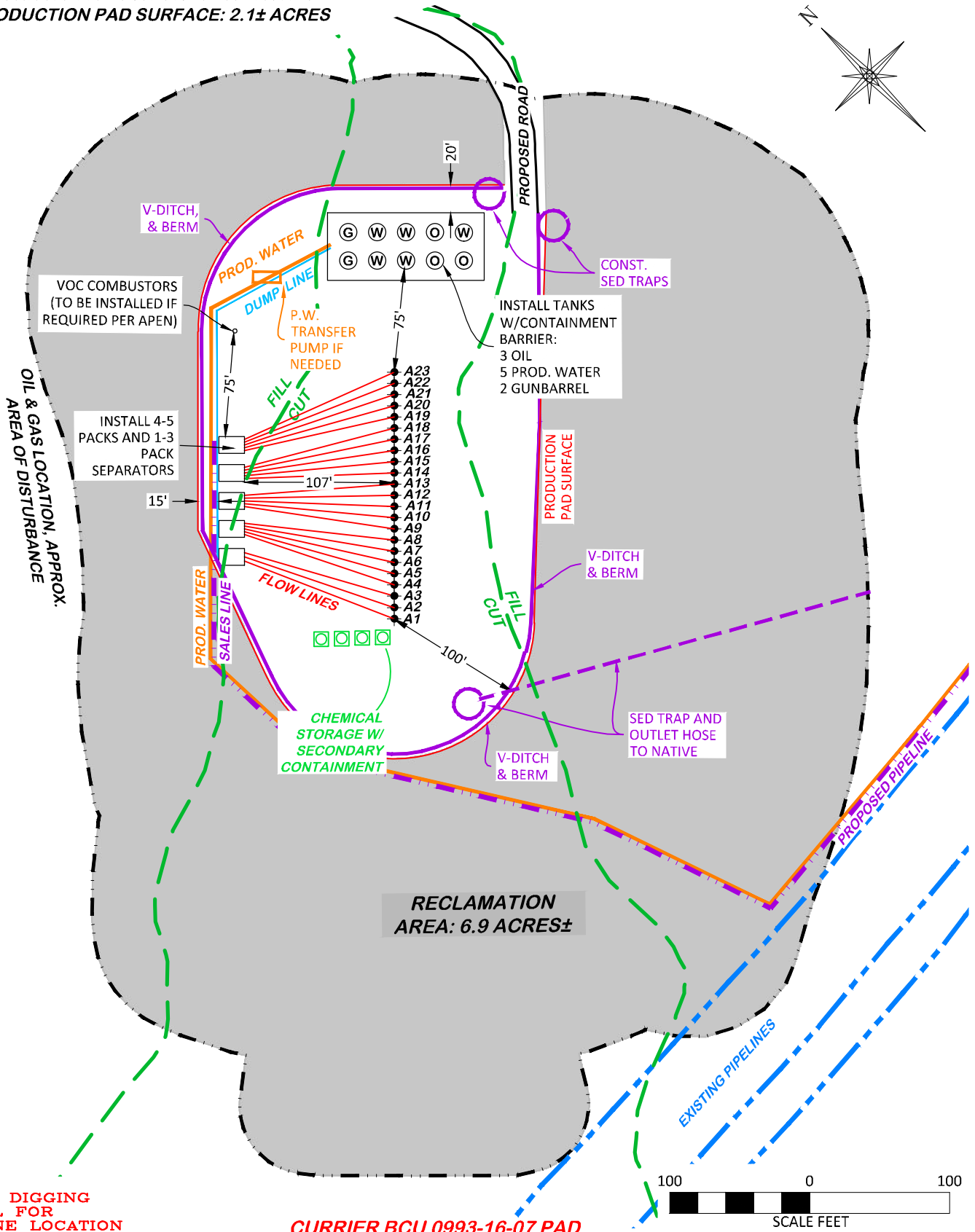
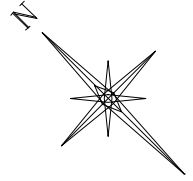
LAYOUT DRAWING 5 OF 7

**PRELIMINARY WELL COMPLETIONS AND STIMULATION LAYOUT  
LARAMIE ENERGY, LLC  
CURRIER BCU 0993-16-07  
SWNE, SECTION 16, T.9 S., R.93 W., 6th P.M.,  
MESA COUNTY, COLORADO**

DRAWN: 6/28/2023 - DEH	SCALE: 1" = 80'
REVISED: N/A	DRG JOB No. 22254
	304b(7)Biii COMP

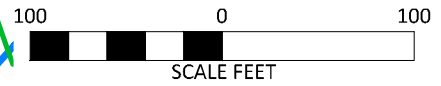
FINAL ELEVATION: 7457.1'

AREA OF WORKING PAD SURFACE: 4.1± ACRES  
AREA OF PRODUCTION PAD SURFACE: 2.1± ACRES



**BEFORE DIGGING  
CALL FOR  
UTILITY LINE LOCATION**

**CURRIER BCU 0993-16-07 PAD**



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

DRAWN: 7/5/2023 - DEH	SCALE: 1" = 100'
REVISED: N/A	DRG JOB No. 22254
	304b(7)Bv FACILITY

**LAYOUT DRAWING 7 OF 7**

**PRELIMINARY FACILITY LAYOUT  
 LARAMIE ENERGY, LLC  
 CURRIER BCU 0993-16-07  
 SWNE, SECTION 16, T. 9 S., R. 93 W., 6th P.M.,  
 MESA COUNTY, COLORADO**



# **Appendix E**

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## **Emergency Action Plan**

# **Laramie Energy, LLC**

## **Emergency Action Plan**

Updated: 7/06/2023

### **Corporate:**

**Laramie Energy, LLC**

**1001 Seventeenth St. Suite 1900**

**Denver, Colorado 80202**

### **Field:**

**760 Horizon Drive, Suite 101**

**Grand Junction, Colorado 81506**

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# Emergency Action Plan

The management of Laramie Energy is genuinely concerned with the health and welfare of all personnel who enter oil and gas field operations including company employees, customer employees, contractors, contractor's employees, visitors to the premises and the general public. While Laramie Energy engages professional contractors and drilling contractors and relies upon their expertise and their own, published, Emergency and Safety Plans, it is essential for all Laramie Energy personnel and associates to know what to do in the event of an emergency in order to minimize danger.

## Purpose

The purpose of this emergency action plan is to provide employees and contractors working at Laramie Energy sites with emergency procedures and phone numbers for local emergency response agencies that should be contacted in the event of an emergency at a Laramie Energy work site. This Emergency Action Plan may be published independently from the Safety Plan as needed.

## Requirements (per 29 CFR 1910.38(c))

- Means of reporting fires and other emergencies – Laramie employees must use any means possible to contact emergency services if necessary. Cell phones, company radios, land lines and satellite phones may be used to accomplish this goal. In offices, the manual fire alarm may be pulled. All fires and incidents must be reported to the appropriate supervisor and safety department as soon as possible.
- Evacuation procedures and emergency escape route assignments – written procedures and route assignments are available for larger facilities and offices. In occupied offices, you must close your door as you exit your office. A floor warden will ensure that the office floor is completely evacuated and will be the last employee to vacate the office area. Evacuation of smaller sites, such as well pad locations must be addressed during a project pre-job meeting.
- Procedures for employees who remain to operate critical plant operations before they evacuate – Laramie employees will initiate shutdown procedures per facility in the event of an emergency evacuation. Laramie employees will be expected to evacuate when the signal is given.
- Accounting for all employees after an emergency evacuation has been completed – the supervisor on site (or most senior employee if the supervisor is not present) will be responsible to account for all employees and contractors on site during an evacuation to ensure that everyone has safely evacuated.
- Rescue and medical duties for employees performing them – Employees will be expected to perform rescue and medical duties to the level in which they were trained. Employees will be expected to not perform above their training level.
- Names or job titles of persons who can be contacted:

Ownership

OWNER	RESPONSIBLE PARTY
Laramie Energy, LLC 1001 Seventeenth St. Suite 1900 Denver, Colorado 80202 Office: 303-339-4400 Fax: 303-339-4399	Robert S. Boswell Chairman & Chief Executive Officer Office: 303-339-4401 Cell: 303-517-1774

General, On-Site Responsibility

DENVER OFFICE	RESPONSIBLE PARTY
Denver Emergency	911
Laramie Energy Office	303-339-4400
Building Security	303-293-8388
Property Management	303-293-0100

GRAND JUNCTION OFFICE	RESPONSIBLE PARTY
Laramie Energy, LLC 760 Horizon Drive, Suite 101 Grand Junction, Colorado 81506 Phone: 970-263-3600	Chris Clark Vice President- Field Operations Office: 970-263-3607 Cell: 970-462-8375

NORTH PICEANCE OFFICE - DEBEQUE	RESPONSIBLE PARTY
Laramie Energy, LLC 4321 V 2/10 Rd. DeBeque, Colorado 81630 Phone: 970-263-3655	Luke Cody North Area Production Manager Office: 970-263-3605 Cell: 970-618-2571

<b>SOUTH PICEANCE OFFICE-COLLBRAN</b>	<b>RESPONSIBLE PARTY</b>
Laramie Energy, LLC 6645 64 6/10 Road Collbran, Colorado 81624 Phone: 970-487-0298	Rory Mortensen South Area Production Manager Office: 970-487-3843 Cell: 970-778-5161

### Drilling Operations, On-Site Responsibility

<b>DRILLSITE</b>	<b>RESPONSIBLE PARTY</b>
Varies (to be shared during drilling activity)	Aaron Duncan Drilling Manager Office: 303-339-4913 Cell: 406-498-4526

### Completion Operations, On-Site Responsibility

<b>COMPLETION SITE</b>	<b>RESPONSIBLE PARTY</b>
Varies (to be shared during completion activity)	Jason Petermen Completions/Production Engineering Manager Office: 970-263-3610 Cell: 970-456-6334

## Emergency Phone Numbers and Contacts

This section provides a list of emergency phone numbers that should be used in the event of an emergency at one of Laramie Energy’s field locations. **Please note that the different Laramie Energy field locations have different local emergency response numbers.**

**\*\* All Emergencies should be routed through 911.**

**Table 1 – Local Contact Phone Numbers**

DeBeque Area		Collbran Area	
CareFlight	1 (800) 332-4923	CareFlight	1 (800) 332-4923
Mesa County Sheriff	970-242-6707	Mesa County Sheriff	970-242-6707
Saint Mary’s Hospital	970-244-2273	Saint Mary’s Hospital	970-244-2273
Grand River Hospital	970-625-6400	Community Hospital	970-242-0920
DeBeque Fire Dept.	970-283-8632	Plateau Valley Fire Dept.	970-268-5283
Non-Emergency	970-242-6707	Non-Emergency	970-242-6707
Colorado State Patrol	970-249-4392	Colorado State Patrol	970-249-4392
Buckhorn Draw Area			
CareFlight	1-800-332-4923		
Rio Blanco County Sheriff	970-878-9625		
Pioneers Medical Center	970-878-5047		
Meeker Fire Dept.	970-878-3443		
Non-Emergency	970-878-9600		
Colorado State Patrol	970-826-1301		

**All Denver area emergencies – call 911**

# EMERGENCY PROCEDURES FOR:

## FIRE/EXPLOSION

---

1. **KEEP CALM!** In your haste to act, you may injure others or yourself.
2. Drilling Supervisor, Completion Supervisor, or Area Production Manager is in charge.
3. Evacuate and follow directions to a safe location.
4. Contact the appropriate local emergency response authorities from Table 1:
5. Follow directives of Sheriff, Ambulance and/or Fire Department personnel upon arrival.
6. Be available to support supervisor's directives, including assisting with fire extinguishing and evacuation of injured personnel if trained and able.
7. Contact Area Production Manager by phone if not already onsite or previously contacted.
8. Contact Chris Clark, Vice President- Field Operations, at 970-462-8375 (cell) if not previously contacted.
9. Contact Robert Boswell, Chief Executive Officer, at 303-517-1774 (cell) if not previously contacted.

## HAZARDOUS MATERIALS RELEASE

---

1. **KEEP CALM!** In your haste to act, you may injure others or yourself.
2. Make sure the area is safe. If a confined area, verify that atmosphere is breathable before entering.
  - Assess the situation:
  - Is anyone injured?
  - What materials were released?
  - Are surface runoff waters impacted?
3. Depending on conditions:
  - If a serious injury or an associated fire:
    - Call appropriate emergency response authorities from Table 1.
  - Relay nature of emergency, location and travel instructions.
  - If drilling or completion rig/materials/personnel are involved, Notify:
    - The Drilling or Completions Supervisor and/or
    - The Area Production Manager
4. If release is manageable, use materials on hand to control and contain the release.
5. Follow procedures in Spill Prevention, Control and Countermeasures Plan.
6. Ensure that all communications notices have been made.

## VEHICLE ACCIDENT

---

1. **KEEP CALM!** In your haste to act, you may injure others or yourself.
2. Make sure the vehicle is secured. Take notice of risk of fire or of shifting loads.
3. Assess the situation:
  - Is anyone hurt?
  - Have any hazardous materials been released?
  - Provide first aid to injured personnel to your training level.
4. Take steps to control traffic in area.
5. Depending on conditions:
  - If a serious injury or associated fire, call appropriate emergency response authorities from Table 1;
  - Identify the nature of the emergency, location and travel instructions.
  - If no injury or minor injury, document information and provide medical attention.
  - If on public roads, call local Sheriff from Table 1.
  - If reasonable, remove damaged vehicle from public thoroughfare.
6. Ensure that all communications notices have been made.

## PERSONAL INJURY

---

1. **KEEP CALM!** In your haste to act, you may injure others or yourself.
2. Make sure the area around injured person is safe. If a confined area, verify that atmosphere is breathable before entering.
3. Assess the condition of the injured.
4. If a serious injury, call the appropriate emergency response authorities from Emergency Notification Chart:
  - Nature of emergency, location and travel instructions.
  - Designate a well-known local site to meet incoming ambulance to guide to site.
  - Use map for surface transportation.
  - In case of major incident; use latitude-longitude or well known, easy-to-recognize landmark for helicopter response.
5. If drilling or completion rig/materials/personnel are involved, Notify:
  - The Drilling or Completion Supervisor and/or
  - The Area Production Manager.
6. Provide first aid to injured personnel to your training ability.
7. Ensure that all required notifications have been made.

## SUDDEN ILLNESS OR DEATH

---

1. KEEP CALM! In your haste to act, you may injure others or yourself.
2. If ill worker is conscious and able to respond:
  - Make sure the area around ill person is safe. If a confined area, verify that atmosphere is breathable before entering.
  - Remove ill worker from harm's way. Protect from extremes of temperature. Assure continued breathing.
  - Inquire as to the nature of the illness, attack or symptoms and available medication if needed.
  - Administer first aid to your training ability.
  - Call appropriate emergency response services from Table 1.
3. If ill worker is unconscious or unable to respond:
  - Make sure the area around ill person is safe. If a confined area, verify that atmosphere is breathable before entering.
  - Remove ill worker from harm's way. Protect from extremes of temperature. Assure continued breathing.
  - Inquire of friends or co-workers as to the nature of the illness, attack or symptoms.
  - Inquire of friends or co-workers as to available medication if needed.
  - Administer first aid to your training ability.
  - Call appropriate emergency response services from Table 1.
4. Notify the Drilling Supervisor, Completions Supervisor, or Area Production Manager.
5. Contact Chris Clark, Vice President – Field Operations, at 970-462-8375 (cell) if not previously contacted.
6. Contact Robert Boswell, Chief Executive Officer, at 303-517-1774 (cell) if not previously contacted.
7. If a hospitalization, fatality, amputation or loss of an eye occurs, the Chief Operating Officer or his/her representative must notify OSHA within 8 hours of such incident.