

Emergency Response Plan – 304.c.(8)

Federal RGU 44-1-298 Oil and Gas Location

Loc ID #335640

December 2022



INTRODUCTION

TEP Rocky Mountain LLC (“TEP”) has developed the following Emergency Response Plan (“ERP”) to help Company Personnel quickly evaluate and effectively manage incidents and limit consequences related to operations at the Federal RGU 44-1-298 Oil and Gas Location. Colorado Oil and Gas Conservation Commission (COGCC) permitting requires operators to submit an ERP under Rule 304.c.(8). This Plan utilizes an Incident Command System/Unified Command System (ICS/UCS) structure to assist in the management of major incidents. A summary of TEP’s comprehensive ERP is below and organized as listed in *Table 1, Required Content for the Emergency Response Plan*. TEP’s basin-wide ERP is compliant with the requirements of COGCC Rule 602.j and is available upon request.

Table 1, Required Content for the Emergency Response Plan

1	Local response agency and contact
2	Date the plan was finalized and approved by the local response agency
3	Directions to the location
4	Location ingress and egress
5	Legal description
6	Operator emergency contact information
7	Mutual aid agencies
8	Local and mutual aid agency staffing
9	Site setting
10	Location layout
11	Equipment and stored material
12	Sensitive areas
13	Potential impacts, prevention, and mitigation
14	Response equipment
15	Health and safety action levels
16	Training coordinated with local responders

1. Local Response Agency and Contact

Table 2, Local Response Agency and Contacts

Agency	Contact	Contact Information
Rio Blanco County Emergency Management	Edward Smercina, Emergency and Natural Resource Manager	Emergency 911 Office Phone 970-878-9586

2. Date the Plan was Finalized and Approved by the Local Response Agency

TEP’s basin-wide ERP was coordinated with and approved by Rio Blanco County’s local emergency response manager, Edward Smercina, on July 21, 2021. Please see *Attachment A, Emergency Response Plan Approval*, for the signature page from the ERP.

3. Directions to the Location

Beginning at the City of Meeker, travel west on State Highway 64 to the intersection with Rio Blanco County Road 5 about ±17.4 miles, proceed south along County Road 5 about ±14.48 miles to the intersection with County Road 24, proceed westerly along County Road 24 about ±2.84 miles to an intersection with a dirt/gravel road, proceed right in a northerly direction about ±0.07 miles to the Federal RGU 44-1-298 pad location.

Location Coordinates
 Latitude: 39.90102
 Longitude: -108.33629

4. Location Ingress and Egress

The existing access road to the existing Federal RGU 44-1-298 pad will provide ingress and egress to the Oil and Gas Location. The existing access road located southwest of the pad location will be improved during the reconstruction of the pad to ensure sufficient access and to accommodate the increase in vehicle traffic. The existing access road located southeast of the Oil and Gas Location will be permanently closed.

5. Legal Description

Surface Lands:
 Township 2 South, Range 98 West, 6th P.M.
 Section 1: Lots 35 and Lot 36
 Rio Blanco County, Colorado

6. Operator Emergency Contact Information

Operator emergency contact information has been provided in Table 3 below.

Table 3, Operator Emergency Contact Information

Role	Contact	Contact Information
Operations	Scott Dembowski, Supervisor	970-263-2787
	Brandon Baker, Superintendent	970-2608361
EHS/Safety	Laura Lancaster, Health & Safety Manager	970-248-6845
	Kevin McDermott, Safety Supervisor	970-309-1195
	Delbert Dowling, Safety Specialist	970-589-5736
Land	Bryan Hotard, Landman	970-361-2006
Landowner	Bill Mills, Field Manager Bureau of Land Management White River Field Office	970-878-3800

7. Mutual Aid Agencies

The following regional mutual aid agencies will be contacted in the event of an emergency.

Table 4, Mutual Aid Agencies

Agency	Contact	Contact Information
Rio Blanco County Fire Protection District	Luke Pelloni, Chief Meeker Fire & Rescue	Emergency 911
		Non-Emergency 970-878-9600
		Office Phone 970-878-3443
Rangely Fire District	Jasper Whiston, Chief	Emergency 911
		Non-Emergency 970-878-9600
		Office Phone 970-675-5093

8. Staffing of Local and Mutual Agencies

Meeker Fire & Rescue is under the authority of the Rio Blanco Fire Protection District and is staffed by a full-time fire chief and one office administrator; all department members are volunteers. The Meeker Fire & Rescue provides emergency response and ambulance services in rural Rio Blanco County. The Rangely Fire District is staffed by volunteers and serves 1,000 square miles in western Rio Blanco County. Both agencies assist the Bureau of Land Management (BLM), which also provide fire management services on public lands, when necessary.

9. Site Setting

The Federal RGU 44-1-298 pad is currently located in the vicinity of existing oil and gas infrastructure in rural Rio Blanco County, Colorado. There are five (5) active Oil and Gas Locations within one (1) mile of the existing Federal RGU 44-1-298 pad (COGCC Loc ID: 335640). The Federal RGU 44-1-298 pad is located on Federal surface administered by the BLM within Lots 35 and Lot 36 of Section 1, Township 2 South, Range 98 West, 6th P.M., Rio Blanco County, Colorado. Rio Blanco County has a zoning designation of Agricultural for the property. The current land use for this property is considered rangeland/recreational. The property in the immediate vicinity of the Federal RGU 44-1-298 pad is primarily used for cattle grazing, but is also periodically used for recreation, including hunting.

10. Location Layout

The existing 3.77-acre Federal RGU 44-1-298 pad with four (4) producing natural gas wells will be reconstructed and expanded to a 5.63-acre footprint to support drilling, completion, and long-term production activities of the eighteen (18) additional proposed natural gas wells. The long-term disturbance of the production pad following interim reclamation will be approximately 1.65-acres. Please see the Layout Drawing which is included as an attachment to the Form 2A for additional site details.

11. Equipment and Stored Materials

TEP will install wellhead telemetry and other wellhead specific equipment on the Federal RGU 44-1-298 pad to support production of the eighteen (18) proposed natural gas wells. TEP would also install production facilities, including separators, tanks, a pump, and Enclosed Combustion Devices (“ECDs”), on the Federal RGU 44-1-298 pad to effectively produce and operate the proposed wells. Twenty-five (25) separators (5 quad separators, 1 double separator, 2 low pressure separator, and 1 vertical two-phase separator) would be installed along the east side of the pad within a one-hundred-foot (100’) long by thirty-foot (30’) wide area.

A new tank battery will be installed along the west side of the Oil and Gas Location including, six (6) five-hundred-barrel (500bbl) water tanks, three (3) five-hundred-barrel (500bbl) condensate tanks, two (2) five-hundred-barrel (500bbl) gun-barrel tanks, and one (1) five-hundred-barrel (500bbl) blowdown/vent tank used for well blowdown and pipeline venting operations. All twelve (12) tanks will be installed within a ninety-seven-foot (97’) by thirty-eight foot (38’) lined steel secondary containment structure. The tank battery will be installed with a minimum of seventy-five-feet (75’) setback from the proposed separators, wellheads, and ECD.

TEP will also install one (1) electric produced water pump (40hp) adjacent to the proposed tank battery within a thirty-foot (30’) by fifteen-foot (20’) area to pump produced water to the Federal RGU 23-6-297 pad (COGCC Loc ID: 335602) during long-term production operations. Three (3) ECDs would be installed on the pad east of the proposed tank battery to control emissions. Chemical tanks and pumps will also be installed near the wellhead to provide automated chemical treatments during production

operations. A temporary buy-back meter will be installed on location during drilling operations to supply fuel gas to the drilling rig.

Please see Table 5, Production Equipment Details, for a list of the existing and proposed production facilities planned for use at this Oil and Gas Location. Please also see the Construction Layout Drawing and the Facility Layout Drawing which are attached to the Form 2A for the proposed configuration of facilities on this location.

Table 5, Production Equipment Details

Pad Name	Equipment Description	Equipment Count	Capacity	Status	COGCC Class
Federal RGU 44-1-298 Pad	Wells (Existing & Proposed)	22	NA	Proposed	Major Equipment
	Quad Separators	5	NA	Proposed	Major Equipment
	Double Separators	1	NA	Proposed	Major Equipment
	Low Pressure Separator	2	NA	Proposed	Major Equipment
	Vertical Two-Phase Separator	1	NA	Proposed	Major Equipment
	Air Compressor / Air Receiver	1	NA	Proposed	Other Permanent Equip.
	Produced Water Tanks	6	500bbl	Proposed	Major Equipment
	Condensate Tanks	3	500bbl	Proposed	Major Equipment
	Gun Barrel Tanks	2	500bbl	Proposed	Other Permanent Equip.
	Blowdown/Vent Tanks	1	500bbl	Proposed	Other Permanent Equip.
	Buy-Back Meter (Williams)	1	NA	Proposed	Other Temporary Equip.
	Enclosed Combustion Devices	3	NA	Proposed	Major Equipment
	Produced Water Transfer Pumps	1	NA	Proposed	Other Permanent Equipment
	Chemical Pumps	5	NA	Proposed	Other Permanent Equip.
	Chemical Tank	4	500gal	Proposed	Other Permanent Equip.
Chemical Tank	1	135gal	Proposed	Other Permanent Equip.	

12. Sensitive Area

The existing Federal RGU 44-1-298 pad is located in Rio Blanco County, Colorado and in the vicinity of existing oil and gas well pads and infrastructure. There are no residential buildings within 2,000 feet of the location, and there are no day care centers, or schools within 1 mile of the location. There were no springs or seeps identified within 1-mile of the location during pre-application review. The existing Federal RGU 44-1-298 pad is located immediately adjacent to an existing unnamed dry intermittent drainage. Additionally, the location is located 368 feet northwest of Ryan Gulch, which is classified as an intermittent drainage. Stormwater control measures will be implemented around the perimeter of the location to minimize the potential for off-site migration of sediment and potential spills or releases. The location is located outside of the 100-year flood plain. The Federal RGU 44-1-298 pad is located greater than 15 stream miles from the nearest active down gradient Public Water Supply Intake. There are no GUDI wells, Type III Aquifer Wells, or COGCC Rule 411 Buffer Zones within 0.5 mile of the Oil and Gas Location. The RGU 44-1-298 pad is designated as being in a sensitive area based on proximity to surface water features.

13. Potential Impacts, Prevention, and Mitigation

The existing Federal RGU 44-1-298 Oil and Gas Location will be reconstructed to provide the necessary working surface to support safe and efficient working conditions for all TEP employees and contractors during every phase of development, including drilling, completions, and production operations of the eighteen (18) proposed natural gas wells and the four (4) existing natural gas wells.

Prior to commencement of construction activities, TEP will hold a pre-construction meeting with contractors to review proposed site construction and installation of stormwater control measures, and conditions of approval included in the approved permits and ROWs. The location will be staked for construction prior to the pre-construction meeting. Staking will identify the boundaries of the proposed location to protect existing vegetation in areas that should not be disturbed. Vehicular traffic will be minimized as much as possible to reduce nuisance dust and prevent soil erosion. All trash generated during

the project will be disposed of properly at a commercial disposal facility, and any chemicals used will be kept to a minimum.

No cumulative adverse impacts are anticipated from development of the Federal RGU 44-1-298 Oil and Gas Location and associated facilities for air resources, public health, water resources, terrestrial and aquatic wildlife resources, soil resources, or public welfare. A description of the potential impacts, prevention and mitigation are outlined in the Cumulative Impact Plan and other plans attached to the Form 2A.

14. Response Equipment

Occasionally, spills of production fluids may occur during oil and gas operations (drilling, completion, and production) that result in localized impacts to soils on or near the well pad. TEP will stage a spill response trailer within the Ryan Gulch Development Area, which will have supplies available for immediate response to spills or releases during operations on the Federal RGU 44-1-298 Oil and Gas Location. Well telemetry equipment will be installed to minimize site visitation through remote monitoring of production operations and aid in proactive response to well operations.

15. Health and Safety Action Levels

Incident Classification: TEP uses a tiered system of classification for incidents in rising levels of serious impact. Incidents are classified as:

- Near Miss (does not require use of the Emergency Response Plan)
- Minor Event
- Significant Event
- Serious Event
- Major Event

Purpose: Emergency response management describes the tactical actions taken to directly mitigate an emergency and protect human life, health, environment, and/or property from the physical impact of an event.

The TEP ERP specifically applies to E&P Production located in Garfield and Rio Blanco Counties. The ERP includes details on how to:

- Categorize the incident's impact on an increasing scale
- Create a safer environment for the facility
- Isolate the area/facility
- Establish evacuation routes and meeting locations
- Identify medical and rescue responsibilities for trained employees
- Establish methods for reporting fires and other emergency events
- Provide labor, materials, and equipment
- Identify emergency shutdown procedures for affected equipment
- Handle hazardous substances
- Establish and maintain adequate notification and communication with governmental agencies (fire, police, public officials, etc.)

Scope: The procedures outlined in the ERP were developed under the assumption that local fire protection and emergency response agencies will respond to emergencies at the TEP site when notified and will assist to the extent of their respective capabilities.

The ERP provides procedures for communication with employees, governmental agencies, and the public during emergencies to assure an effective response during an emergency situation.

The plan can be followed when responding to various incidents/events, including but not limited to the following:

(a) Natural disasters and severe weather conditions including:

- Floods
- Damaging storms (tornadoes, hurricanes)
- Earthquakes
- Weather extremes (cold, blizzards, heat)
- Lightning
- Wildfires

(b) Disruption to normal operations:

- Hazardous material / chemical releases from stationary or mobile sources
- Unscheduled valve closure or safety equipment shutdown, or any unscheduled emergency shutdown
- Major accidents involving TEP vehicles or equipment owned by contractors
- Bomb threats or other security events
- Threats against employees or TEP facilities
- Fatalities or multiple hospitalizations involving employees, contractors, or members of the public
- Disturbances on TEP property
- Damage to TEP property that interferes with the performance of normal business
- Disruption of service to customers (scheduled or unscheduled)

(c) Catastrophic failure and/or damage:

- Major fire
- Major environmental release
- Significant destruction of a facility

Health and Safety: The ERP reflects TEP's health and safety policies and procedures. When the site/facility, or a portion of the facility, is involved in an emergency event, Company Personnel shall take the appropriate action to safeguard human life and protect the public, the environment and surrounding property, and to maintain or restore operations if possible.

Field personnel must immediately communicate information about any emergency event to their supervisor. The supervisor will immediately initiate appropriate notification procedures. In the event a supervisor cannot be reached, field personnel will initiate necessary notifications.

16. Training Coordinated with Local Responders

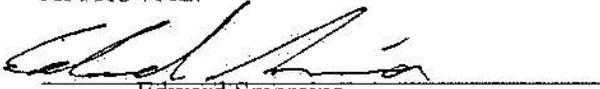
TEP is a member of the Garfield County Local Emergency Planning Committee (LEPC) and the Garfield County Public Safety Council (PSC). Both groups provide a forum to discuss current oil and gas issues and concerns. Oil and gas emergency response plans are periodically reviewed. In addition, historical industrial accidents are routinely reviewed and discussed. National Incident Management System (NIMS) training has been provided through the LEPC. Rio Blanco County does not currently have equivalent emergency response groups, however in the recent past they have performed tabletop and mock incidents through their

County Road 5 Emergency Preparedness Group (CR5EPG) which several upstream and midstream operators participated in. The CR5EPG also provided NIMS training to industry personnel.

**ATTACHMENT A
FEDERAL RGU 44-1-298 DRILL PAD
RIO BLANCO COUNTY
EMERGENCY RESPONSE PLAN APPROVAL**

Pursuant to COGCC Rule 602.j, TEP Rocky Mountain LLC's basin wide ERP has been reviewed and approved by the following local emergency response agency.

APPROVAL:



July 21, 2021

Edward Smercina
Emergency and Natural Resources Manager
Rio Blanco County