

Emergency Response Plan – 304.c.(8)

Federal 298-13-1 Oil and Gas Location

Loc ID #315513

April 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 298-13-1 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 is organized as listed in Table 1. 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 **Appendix 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 ±18.0 miles to the intersection with County Road 26, proceed westerly along County Road 26 about ±2.67 miles to an intersection with a

dirt/gravel road, proceed right in a northerly direction about ±1.17 miles to the Federal 298-13-1 pad location.

Location Coordinates

Latitude: 39.871843

Longitude: -108.337889

4. Location Ingress and Egress

The Federal 298-13-1 pad is an existing location with an existing access road that will be utilized for ingress/egress to the location. The existing access road beginning at the intersection with CR 26 to the Federal 298-13-1 pad is approximately 1.17-miles in length. The entire length of the access road will be spot graveled during reconstruction of the well pad. The existing access road is also used for other existing Oil and Gas Locations operated by TEP and other operators within the vicinity of the Federal 298-13-1 pad location.

5. Legal Description

Surface Lands:

Township 2 South, Range 98 West, 6th P.M.

Section 13: Lot 9, Lot 11, and Lot 12

Rio Blanco County, Colorado (containing a total of approximately 7.52-acre oil and gas location including, 0.85-acres of existing disturbance, 1.92-acres of re-disturbance, and 4.75-acres of new disturbance.)

6. Operator Emergency Contact Information

Operator emergency contact information has been provided in Table 3

Table 3, Operator Emergency Contact Information

Role	Contact	Contact Information
Operations	Scott Dembowski, Supervisor Brandon Baker, Superintendent	970-263-2787 970-260-8361
EHS/Safety	Shawn Brennan, EHS Manager Kevin McDermott, Safety Spvsr. Delbert Dowling, Safety Spc.	970-948-3166 970-309-1195 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

Agency	Contact	Contact Information	
Rangeley Fire District	Jasper Whiston, Chief	Emergency	911
		Non-Emergency	970-878-9600
		Office Phone	970-675-5093

8. Staffing of Local and Mutual Agencies

The 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), who also provide fire management services on public lands, when necessary.

9. Site Setting

The Federal 298-13-1 pad is located within Lot 9, 11, and 12 of Section 13, Township 2 South, Range 98 West, 6th P.M., on Federal surface administered by the BLM in vicinity of existing oil and gas infrastructure in rural Rio Blanco County, Colorado. The Federal 298-13-1 well pad has one existing producing natural gas well (Government Federal 298-13-1; API# 05-103-08631). There are two (2) active Oil and Gas Locations and eighteen (18) active wells within one (1) mile of the proposed Federal 298-13-1 pad. 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 298-13-1 pad is primarily used for cattle grazing, but is also periodically used for recreation, including hunting.

10. Location Layout

The existing Federal 298-13-1 pad will be reconstructed to a total disturbance of 7.52-acres to support drilling and completions operations for the sixteen (16) proposed natural gas wells. Of the 7.52-acres of disturbance, approximately 0.85-acres would be attributed to existing disturbance, 1.92-acres would be attributed to re-disturbance (disturbance within areas previously disturbed and reclaimed by oil and gas operations), and 4.75-acres would be attributed to new disturbance. Long-term disturbance attributed to the Federal 298-13-1 pad would be approximately 1.89-acres. Please see the Layout Drawing which is included as an attachment to the amended Form 2A for additional site details.

11. Equipment and Stored Material

TEP will install wellhead telemetry and other wellhead specific equipment on the Federal 298-13-1 pad to support production of the sixteen (16) proposed natural gas wells. TEP will also install production facilities, including separators, tanks, Enclosed Combustion Devices (“ECDs”), and a pump on the Federal 298-13-1 pad to effectively produce the proposed wells. Nineteen (19) separators (4 quad separators, 1 single separator, 1 low pressure separator, and 1 vertical two-phase separator) will be installed along the southwest side of the pad within a ninety-five-foot (95’) long by thirty-foot (30’) wide area.

A new tank battery will be installed along the south side of the Oil and Gas Location including, six (6) five-hundred-barrel (500bbl) water tanks, two (2) five-hundred-barrel (500bbl) condensate tanks, two (2) five-hundred-barrel (500bbl) gun-barrel tanks, one (1) five-hundred-barrel (500bbl) vent tank, and one (1) five-hundred-barrel (500bbl) blowdown tank used for well blowdown and pipeline venting operations. All twelve (12) tanks will be installed within a ninety foot (90’) by forty foot (40’) 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 ECDs.

TEP will also install one (1) electric produced water pump and one (1) dual fuel generator adjacent to the proposed tank battery within a thirty-foot (30') by twenty-foot (20') area to pump produced water to the Mautz Ranch Multi-Well Pit (COGCC Loc ID# 422672) during long-term production operations. Four (4) ECDs will be installed on the pad northwest of the separators 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 production facilities proposed for the Federal 298-13-1. Please also see the Construction Layout Drawing and the Facility Layout Drawing which are attached to the amended 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 298-13-1 Pad	Natural Gas Wells	17	NA	Existing/Proposed	Major Equipment
	Quad Separators	4	NA	Proposed	Major Equipment
	Single Separator	1	NA	Proposed	Major Equipment
	Low Pressure Separator	1	NA	Proposed	Major Equipment
	Vertical Two-Phase Separator	1	NA	Proposed	Major Equipment
	Produced Water Tanks	6	500bbl	Proposed	Major Equipment
	Condensate Tanks	2	500bbl	Proposed	Major Equipment
	Gun Barrel Tanks	2	500bbl	Proposed	Other Permanent Equip.
	Blowdown/Vent Tanks	2	500bbl	Proposed	Other Permanent Equip.
	Buy-Back Meter (Williams)	1	NA	Proposed	Other Temporary Equip.
	Enclosed Combustion Devices	4	NA	Proposed	Major Equipment
	Produced Water Transfer Pumps	1	NA	Proposed	Other Permanent Equipment
	Dual Fuel Generator	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 Areas

The existing Federal 298-13-1 pad is located in rural Rio Blanco County, Colorado on lands administered by the BLM and in the vicinity of existing oil and gas infrastructure. There are no residential buildings, day care centers, or schools within 1 mile of the location. There are no High Priority Habitat areas for wildlife that would be within the disturbance boundary of the proposed Oil and Gas Location. The Federal 298-13-1 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.

13. Potential Impacts, Prevention, and Mitigation

The existing Federal 298-13-1 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, well completion, and production operations of the sixteen (16) proposed natural gas wells and the one (1) existing natural gas well.

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 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 in the development of the Federal 298-13-1 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 amended Form 2A.

14. Response Equipment

Occasionally, spills of production fluids may occur during oil and gas operations (drilling, well 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 298-13-1 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 operation.

15. 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 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.

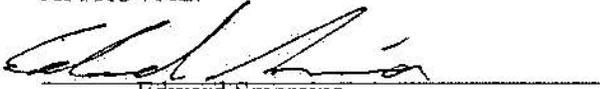
16. Training Coordinated with Local Responders

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.

**APPENDIX A
FEDERAL 298-13-1 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