



EMERGENCY RESPONSE PLAN

ADAMS, ARAPAHOE, AND ELBERT COUNTIES, CO

GMT EXPLORATION COMPANY LLC
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Changes to this Emergency Response Plan (ERP) will be documented on this page. Plan review and modifications will be initiated by the Environmental Health and Safety (EHS) Department.

REVISION FORM

[illegible]

STATEMENT OF OPERATOR'S COMMITMENT TO SAFETY

GMT Exploration Company LLC (GMT) is committed to the protection of the health and safety of our employees, the public, and to sound environmental stewardship. We believe that prevention of accidents, injuries, and protection of the environment benefits everyone and delivers maximum value to our customers and employees.

Dennis Snow
VP of Operations

Date

1.0 INTRODUCTION

Serious incidents, unless properly and effectively managed, can result in loss of life and damage to public or private property. Serious incidents can also generate complex technical, legal, and public relations problems. It cannot be overemphasized that the best way to handle emergency situations is to prevent their occurrence. However, when incidents do occur, prompt and proper response can mitigate damage and minimize business interruption and financial impact. This Emergency Response Plan (ERP) is designed to help GMT Exploration Company LLC (GMT) field personnel respond quickly and effectively to the problems presented by serious incidents.

Within this ERP you will find guidance for responding to emergency incidents and descriptions of the duties that must be accomplished when a serious incident occurs. This ERP provides field personnel with tools and procedures for handling such incidents effectively. This ERP is for GMT facilities located in Colorado, and was prepared:

1. To serve as the basis for an organized action plan in dealing with emergencies and spills of all magnitudes.
2. To establish responsibilities and priorities in managing an emergency or spill.
3. To provide information for handling serious incidents and provide the tools to properly document incidents and incident response; and
4. To tabulate the contact information for the personnel and agencies that must be notified to respond to an emergency incident promptly and properly.

Prompt action is mandatory. For this reason, the content of this ERP must be understood and readily available to all GMT Exploration employees. All involved employees will be trained to take quick action to protect life and property and to immediately report the incident.

The ERP will be updated each time there is a personnel change, GMT procures new or different third-party resource, and a change or addition to a facility. At a minimum the ERP will be reviewed annually by HSE Manager and Safety Supervisor to ensure that it is accurate.

After the initial emergency response plan has been coordinated with, reviewed by, and approved by the local emergency response agency, the emergency response plan will then be reviewed and updated at intervals designated by the local emergency response agency.

This ERP is not intended to replace existing Spill Prevention, Control, and Countermeasures (SPCC) plans or other required plans, but rather its purpose is to be a supplement providing general guidelines for emergency situations.

Corporate roles, contact information for corporate personnel, emergency response and regulatory contacts are Listed in Appendix A. Regulatory reporting level requirements are listed in Appendix B. Site specific requirements and contact information are provided in sections for each drilling pad provide in Appendix C.

2.0 REPORTING AN EMERGENCY

Prompt reporting of Health Safety & Environmental (HSE) incidents is critical to ensure GMT Management are informed of an incident so they can provide guidance and resources as necessary. Prompt reporting is also necessary to ensure that all appropriate regulatory agency notifications are made in a timely fashion.

The first person to identify the emergency will report it to the Safety Supervisor. If the Safety Supervisor cannot be immediately reached, then call the HSE Manager see Appendix A.2 for contact information. All known incident details will be immediately share with the HSE Manager.

Here is the key information needed for the starting a notification.

1. Location or facility and call back phone number.
2. Type of emergency.
3. Time of discovery.
4. Magnitude of emergency (size of fire or spill, number of people involved, injuries, other properties or companies are involved).
5. What you have done prior to making notification.
6. What external outside notifications have been made.
7. Recommended next steps for the response.
8. Weather conditions.
9. What assistance you need.
10. When you will call back with a subsequent report.

2.1 GMT INCIDENT LEVELS

GMT has created criteria to classify incidents by level of severity so appropriate and uniform notifications and response actions can be taken. The criteria presented below are to be utilized to determine if an incident is a Level 1, 2, or 3. The level of the incident will then determine what notifications are necessary and by what means incidents are to be communicated within the GMT organization.

Level 1 - Lowest Level:	
1.	An incident without fire, recordable injuries, public involvement, or adverse media involvement, typically reported as a near miss or a first aid incident.
2.	Any spill that does not reach water or a drainage feature (less than 1 bbl). *

3. Minor unplanned and uncontrolled nontoxic gas or vapor release.
4. Vehicle accident without injury and/or damage less than \$5,000.
5. Property damage less than \$5,000.

**Note: Any spill of any level should be reported to HSE Director*

Level 2 - Intermediate Level	
1. Incidents involving recordable or serious injury to employees, contractors, or the public.	
2. Nontoxic gas or vapor release requiring employee or contractor evacuation.	
3. Fire that can be managed with internal resources, immediately controlled, and extinguished.	
4. Any spill to water, drainage feature, or over 1 bbl.	
5. Vehicle accident with injury and/or damage greater than \$5,000 but less than \$10,000.	
6. Property damage greater than \$5,000 but less than \$50,000.	
7. Significant Notices of Violation, fines, penalties, administrative orders, etc. received from any government agency.	
8. Natural disasters or severe weather events.	

Level 3 - Highest Level	
1. Incidents involving death or multiple injured employees, contractors, or the public.	
2. Gas or vapor release requiring evacuation of third parties.	
3. Major spills, toxic gas releases, or other significant environmental damage, or greater than 5 bbl.	
4. Blowouts.	

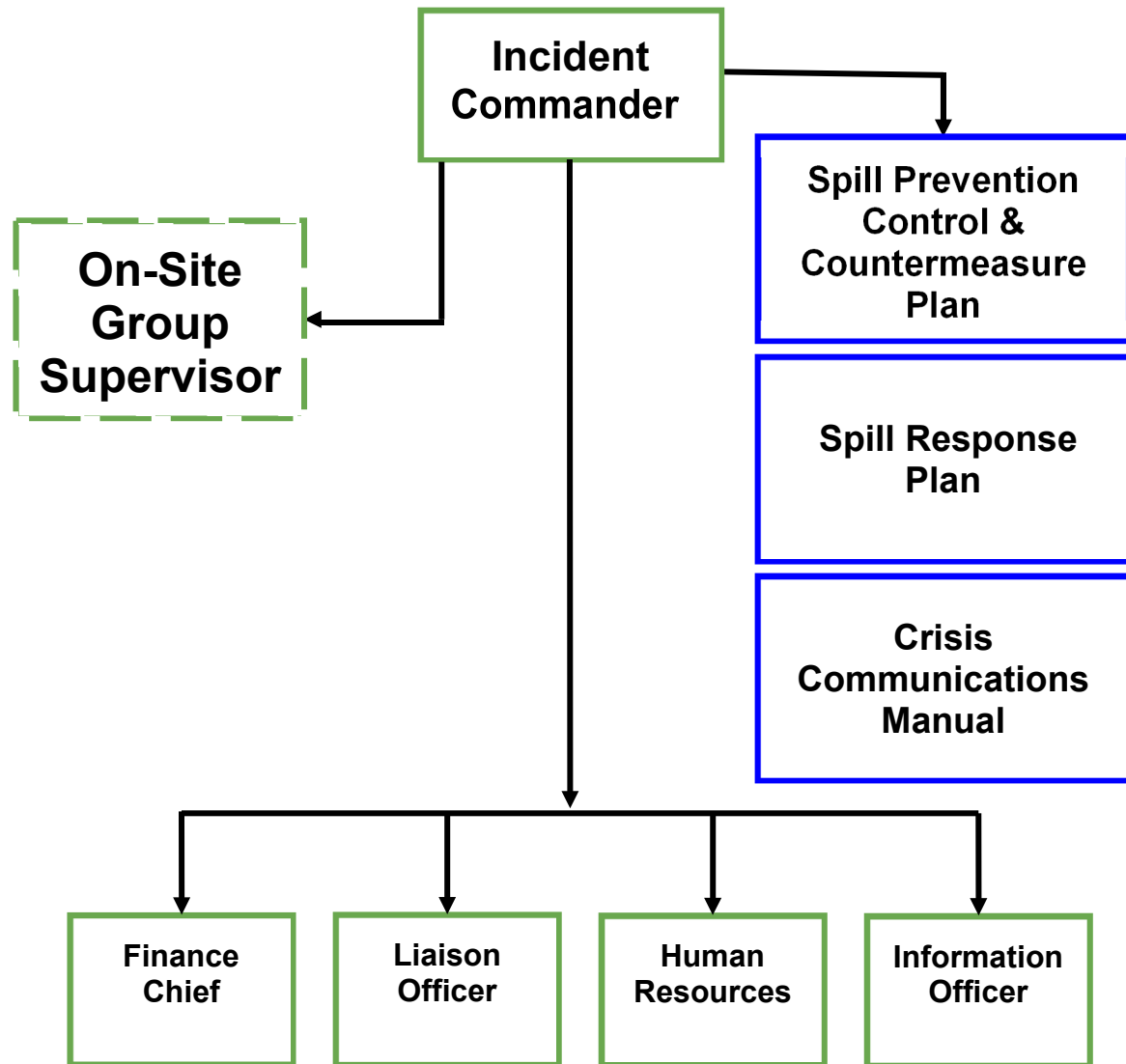
5.	Fires not immediately controlled and extinguished, typically fires that involve third party emergency response.
6.	Vehicle accident with damage greater than \$10,000.
7.	Property damage greater than \$50,000.
8.	Incidents that have potential for media coverage.

3.0 INCIDENT MANAGEMENT CHAIN OF COMMAND

When an emergency is identified, the Safety Supervisor and HSE Manager are immediate notified. The HSE Manager will initiate Incident Command and establish communication within the GMT Incident Command Structure.

3.1 INCIDENT COMMAND CHART

Incident Command Chart (Figure 1)



Key:

Located at
Incident
Command Post

Staging Area or
Muster Point

Resource
Documents

3.2 INCIDENT COMMAND ROLES AND RESPONSIBILITIES

These are the primary responsibilities for each role assignment. Depending on the type and level of the incident responsibilities will expand significantly. Current role assignments and contact information are in Appendix A.1 and A.2.

Incident Commander (IC) [!!!REQUIRED!!!]

- Manages all activities related to an Emergency Response
- Must be familiar with the contents of the Emergency Response Plan (ERP), the Spill Prevention Control and Countermeasure Plan (SPCC) and /or SPILL Response Plan (SRP).
- Documents all activities in an activity log. Recommender getting a scribe to help.
- Consider evacuating non-essential personnel to safety and place them on standby to fill public protection roles.
- Dispatch trained and appropriately equipped personnel (in pairs) to investigate.
- If the incident involves another company's assets, ensure that their personnel are notified. Maintain contact with the responsible operating company until they arrive on scene.
- Contact the person who reported the incident and advise them of the result of the situation assessment.
- Develop an initial response strategy that adheres to the following emergency response priorities:
 1. protect people
 2. environment
 3. assets
 4. reputation
- Establish method of communications with member of Incident Command and the On-Site Group Supervisor. Schedule regular briefing meetings.
- If appropriate advise the Information Officer to put the Communication Plan into action.
- Ensure Regulatory Authority notification according to the applicable requirements.
- Evaluate resource requirements.
- Request resources, personnel, and equipment to address emergency situations.
- Ensure that a headcount and personnel accountability record is maintained for the duration of the incident.
- Immediately report any suspected threats of violence, sabotage, or terrorism.

- Report worker exposure exceeding allowable limits.
- Secure the scene and restrict access to authorized personnel only.
- Dispatch Mobile Air Monitoring Unit to the incident scene.
- Assign roles to personnel as appropriate for the size and complexity of the incident.

IC Deactivation

- ✓ Where applicable, commence reclamation activities once the spill is isolated and secured.
- ✓ Coordinate the removal of the impacted waste material and dispose of the waste to an approved facility.
- ✓ Obtain enough samples of the remediated site to demonstrate containment.
- ✓ Downgrade the emergency.
- ✓ Ensure all affected stakeholders are notified of the stand-down of the emergency.
- ✓ Ensure any notified media are update of the stand-down of the emergency.
- ✓ Ensure all appropriate government agencies are notified of the stand-down of the emergency.
- ✓ Ensure all members of the Emergency Response Team and other key participants are invited to the debriefing.
- ✓ Conduct post-incident debriefing.
- ✓ Assess the physical and emotional health of responders and make recommendations for Critical Incident Stress Debriefing.

Finance Chief. [!!!THIS PERSON MUST HAVE SPENDING AUTHORITY!!!]

- Takes direction from IC.
- Documents all activities in an activity log.
- Obtain briefings from the IC.
- Track compensation and claims
- Attend planning meetings
- Submit reports and expense claims.

Finance Chief Deactivation

- ✓ Participate in the post-incident debriefing held by the IC.
- ✓ Participate in the Critical Stress Incident Debriefing held by the IC.

Liaison Officer

- Takes direction from IC.
- Documents all activities in an activity log.
- Ensure Regulatory Authority notifications are completed according to the applicable requirements.
- Refer to the Notification Requirements for Key Government Agencies and Resources in Appendix B.1.
- Coordinate the flow of information to and from the government agencies.

Liaison Officer Deactivation

- ✓ Coordinates with the Regulatory Authority that there is consensus to downgrade the emergency.
- ✓ Notify all previously contacted government agencies of the decision to downgrade the emergency.
- ✓ Participate in the post-incident debriefing held by the IC.
- ✓ Participate in the Critical Stress Incident Debriefing held by the IC.

Human Resources

- Takes direction from IC.
- Documents all activities in an activity log.
- Sort and compile information about insurance and benefits for affected employees.
- Mobilize counsellors to provide Critical Incident Stress Debriefing to employees and families.
- Clarify the nature and extent of injuries to any employees or contract personnel.
- Coordinate next of kin notification by the police in the event of death.
- Coordinate next of kin follow up notification on behalf of the Company.
- Ensure compliance with all regulations for employment and human resource issues.

Human Resources Deactivation

- ✓ Participate in the post-incident debriefing held by the IC.
- ✓ Participate in the Critical Stress Incident Debriefing held by the IC.

Information Officer

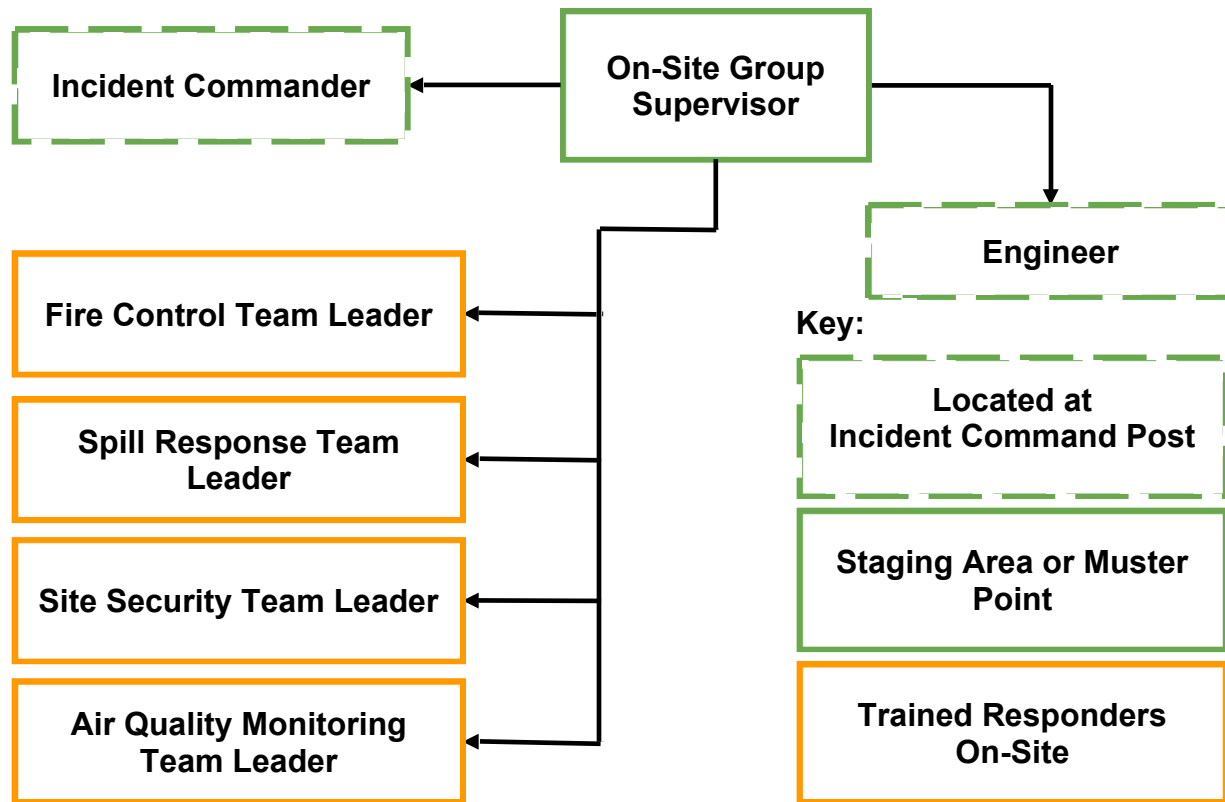
- Takes direction from IC.
- Put Communication Plan into action.
- Communicate to the Incident Command, On-site Supervisor, and all responders that all media enquiries are directed to you the Information Officer.
- Monitor communication issues and incorporate into communications plan.
- Assess media impacts and ensure concerns are clearly identified.
- Prepare all media responses. Establish media notification schedules.
- Council on legal matters
- Evaluate liability implications of the incident.
- Ensure that proper documentation is gathered and preserved.
- Documents all activities in an activity log.

Information Officer Deactivation

- ✓ Continue media and public interaction.
- ✓ Notify all previously contacted media resources regarding the downgrade of the emergency.
- ✓ Participate in the post-incident debriefing held by the IC.
- ✓ Participate in the Critical Stress Incident Debriefing held by the IC.

3.3 ON-SITE INCIDENT COMMAND CHART

On-Site Incident Command Chart (Figure 2)



3.4 ON-SITE INCIDENT ROLES AND RESPONSIBILITIES

These are the primary responsibilities for each role assignment. Depending on the type and level of the incident responsibilities will expand significantly. Current role assignments and contact information for GMT Exploration employees are in Appendix A.1 and A.2. Third party resources are in Appendix A.3.

On-Site Group Supervisor **[!!!REQUIRED - THIS PERSON MUST BE ON LOCATION!!!]**

- Takes direction from Incident Commander.
- Located at the Staging Area or Muster Point.
- Gives direction to the specific team leaders on site.
- Documents all activities in an activity log.
- Identify hazards.
- Attend to medical needs.
- Request emergency medical services, as required.
- Isolate the scene.

- Release non-essential personnel.
- Ensure all on-site personnel follow the appropriate safe work procedures.
- Ensure all on-site personnel have the appropriate training and personal protective equipment.
- Coordinate on-site responses to gain control, shutdown, isolate, and depressurize equipment, as required.
- Review dangerous condition near the incident site. For example: fuel leaks, toxic gas releases, oxygen deficiency, ignition sources and chemical leaks.
- Evaluate ignition criteria and communicate with Incident Commander.
- Obtain spill samples as required and monitor environment for adverse effects.
- Record and report all readings at established intervals to the Incident Commander.

On-Site Group Supervisor Deactivation

- ✓ Ensure that on-site personnel and equipment including contracted services are decontaminated before leaving in incident site.
- ✓ Ensure site is safe.
- ✓ Ensure the incident site is not disturbed until all necessary site investigations are completed by the appropriate authority.
- ✓ Ensure all work areas, safety equipment, machinery, and tools are cleaned, repaired, and returned to their proper location.
- ✓ Complete and submit all documents to the Incident Commander.
- ✓ Participate in the post-incident debriefing held by the Incident Commander.
- ✓ Participate in the Critical Stress Incident Debriefing held by the Incident Commander.

Engineer

- Provides requested well data to the On-Site Group Supervisor
- Assist with the development of control and containment procedures.
- Documents communications and data provided in an activity log.

Engineer Deactivation

- ✓ Participate in the post-incident debriefing held by the Incident Commander.
- ✓ Participate in the Critical Stress Incident Debriefing held by the Incident Commander.

3.5 COMMUNICATION TECHNIQUES

Guidance for making any notifications regarding an incident.

- Make sure that you are in a safe location before initiating communication.
- Communication must be through a two-way confirmed means. Messages on voicemail, text messages, and/or e-mail is not notification.
- Supervisors or others dealing with the incident may delegate reporting responsibilities as appropriate. However, when delegating these responsibilities, the delegation must be documented with an acknowledgement from both the designator and the designee. The designee must be instructed to report back to you following the initial response.
- Make sure the person you are communicating with understands you. Ask the recipient of the notification to repeat key parts of your discussion.
- If you are calling someone you do not frequently talk to, make sure you identify yourself and where you can be reached.
- Let the phone ring at least six times before hanging up.
- Do not hesitate to call above your supervisor if your supervisor is unreachable.

3.6 MEDIA COMMUNICATIONS

Communications with the media and local governmental officials are best handled by persons trained in dealing with the media. All media inquiries will be directed to the Information Officer.

Estimates or speculations as to the cause or size of the problem must never be made. Assume cameras and recorders are always ON. Tell the media to contact the Information Officer in the Denver office for any information.

GMT's five steps for effective crisis communications are:

Step 1: Authorized spokespeople

- Confirm authorized spokespeople and select lead spokesperson

Step 2: Communication Management

- Identify key stakeholder groups
- Develop a communications timeline

Step 3: Message Development and Distribution

- Anticipate the important questions
- Develop key messages
- Select the appropriate communication channels

- Gain management approval of messaging
- Engage stakeholders

Step 4: Monitoring and Feedback

- Collect and analyze public responses
- Correct or clarify media reports
- Provide perception monitoring reports
- Determine when the crisis is over

Step 5: Lessons Learned

- Evaluate impact and learn from the findings
- Monitor and cooperate with any external investigation

****See GMT Crisis Communications Manual for complete details.***

3.7 NOTIFICATION OF EMPLOYEE'S FAMILY

All serious illness or injury notification to family are the responsibility of the Human Resources. It is important that family notification not be made prematurely and that certain facts are gathered before notification. In the event of death, the police make the next of kin notification.

4.0 PRESERVATION OF EVIDENCE AND SITE SECURITY

In the aftermath of a serious incident, it becomes necessary to investigate the incident to determine cause and corrective actions. Perhaps the most important aspect of this investigation is determining the facts, and as such, the preservation of the evidence is significant.

1. Secure the Area:

Rope off or otherwise control access into the incident site at a sufficient distance to maintain safety. Access by non-company personnel (including contractor personnel even if involved in the incident) is NOT allowed unless specific management approval has been obtained. Establish a gate guard and ensure that a sign-in sheet is maintained so anyone who entered the facility can be identified later. ALWAYS ask agency personnel to present identification and try to get a business card. The only exception is necessary access by emergency medical rescuers and fire fighters.

2. Preserve the Evidence:

As much as possible, do not disturb objects relating to the incident. If unavoidable, stake or mark its location and record what was there, preferably by taking a series of photographs that show the object in question and nearby permanent landmarks so the scene can be recreated if necessary. Never allow evidence to leave the scene without approval.

3. Document the Evidence:

Take notes, photographs, and or voice notes about EVERYTHING. You cannot create too much documentation. Remember, you are documenting site conditions for reference YEARS in the future. Take immediate steps to protect all documentation and immediately provide any documentation to the leader of the incident investigation team after the initial emergency response actions have concluded.

4. Identify Witnesses:

If persons who witnessed the incident cannot remain on the scene to be interviewed during the investigation, get their names and pertinent information so they can be located later.

5.0 EMERGENCY RESPONSE SCENARIOS

5.1 RESPONSE TO AN INJURY OR ILLNESS

1. Shut down all work activities.
2. Assess the situation and severity. If safe to do so, remove or mitigate any immediate hazards that could cause further injuries.
3. Call 911 for emergency services.
 - a. Always follow the instructions of the operator.
 - b. Provide as much information as possible to the operator.
4. Send a designated person to the nearest main road to guide emergency services to the location. If a helicopter is necessary for evacuation, direct an individual to establish a landing zone.
5. Make notification to GMT (see section 2.0 for instructions).
6. All unneeded field personnel, contractors, and visitors who are not assisting the victim should be evacuated to the Muster Point.
7. Safety Supervisor will complete the appropriate incident report form and submit.
8. GMT Regulatory/Engineer Technician will notify the appropriate regulatory agencies.

5.2 RESPONDING TO A LEAK OR SPILL

****COORDINATE WITH SPCC PLAN***

1. Shut down all work activities.
2. Evacuate all field personnel, contractors, and visitors to Muster Point.
 - a. Keep all persons uphill and upwind from the leak or spill.
 - b. If leak is upwind, first move crosswind.
3. Assess the situation and severity. If safe to do so, take actions to safely stop the release, contain it to the location, and prevent the spill from reaching surface water.
4. Contact 911/Emergency services (as needed).
 - a. Always follow the instructions of the operator.
 - b. Provide as much information as possible to the operator.
5. Send a designated representative to the nearest county road or street intersection to wait for emergency services.
6. Make notification to GMT (see section 2.0 for instruction).
7. The HSE Manager will initiate Incident Command and establish communication within the GMT Incident Command Structure.
8. Continued instructions will come from the Incident Commander and will be relayed by the On-Site Group Supervisor.

5.3 RESPONDING TO A FIRE

1. Raise the alarm. Shut down all work activities.
2. Evacuate all personal to muster area.
3. Call 911/Emergency services.
4. Send a designated representative to the nearest county road or street intersection to wait for emergency services.
5. Control access to site - only allow approved personnel and emergency services to enter site.
6. Make notification to GMT (see section 2.0 for instructions).
7. The HSE Manager will initiate Incident Command and establish communication within the GMT Incident Command Structure.
8. Assess the situation and severity. If safe to do so, take actions to safely extinguish the fire and/or eliminate the fuel source. Attempt to fight the fire if:
 - a. Confirmed help is on the way
 - b. You know what is burning
 - c. The source is shut off
 - d. Fire is small
 - e. Your fire extinguisher training is current
 - f. You have the adequate tools to fight a fire
 - g. You have a safe exit out
9. Continued instructions will come from the Incident Commander and will be relayed by the On-Site Group Supervisor.

5.4 RESPONDING TO A H₂S RELEASE

Refer to the hydrogen sulfide (H₂S) safety program for complete details on working with H₂S safely. Prior to beginning work, the following roles and responsibilities were pre-assigned to the crews working on the job site.

1. **H₂S MONITORING/CLIMATIC CONDITIONS TEAM:** Responsible for monitoring ambient air concentrations or hazardous gases near a leak area, calculating H₂S radius of exposure, and monitoring climatic conditions (wind direction, wind velocity, etc.). The team coordinator will keep the Communications Team advised of the monitoring results and any changes that occur.
2. **ROAD BARRICADE TEAM:** Responsible for establishing roadblocks in areas affected by a potentially hazardous leak. Team members may be assisted by the sheriff's department and/or the Department of Public Safety.
3. **PUBLIC RELATIONS, COMMUNICATIONS, AND DOCUMENTATION TEAM:** Responsible for coordinating teams, communications between team members, and coordinating duties of public safety officials. The team will document a record of events and the safety and control measures taken during the incident. The coordinator of this team will keep the HSE Manager (Incident Commander) informed on leak events. Safe areas will be established as appropriate.
4. **EVACUATION TEAM (FIELD):** Team members will be responsible for notifying and evacuating residents from a hazardous area to a place of safety.

WHEN AN H₂S LEAK OCCURS

1. Shut down all work activities.
2. Evacuate ALL personal to the Muster Point.
 - a. Keep all persons uphill and upwind from the H₂S leak.
 - b. If H₂S leak is upwind, first move crosswind.
3. Conduct a head count.
4. If there is a medical emergency, see section 6.0. Any person exposed to H₂S, needs to be seen by a medical professional regardless of if they start to feel better.
5. Close access to the site.
6. Make notification to GMT (see section 2.0 for instructions).

7. The HSE Manager will initiate Incident Command and establish communication within the GMT Incident Command Structure.

RESPONDING TO H2S LEAKS

Only trained responders with proper PPE including Self-Contained Breathing Apparatus (SCBA) may gain access to a site with H2S present.

1. Assess the situation and severity. If safe to do so, remove or mitigate any immediate hazards that could cause further injuries.
2. Find and rescue any missing personal.
3. Determine whether assistance is needed from public safety officials.
4. Operating personnel should attempt to stop or shut-in the H2S leak
5. If H2S cannot be safely shut-in or stopped and presents a hazard to residents, field personnel, or property, determine if the gas can be safely ignited. Contact the appropriate agency for approval to flare sour gas.
6. Receive continued instructions from the Incident Commander.

5.5 RESPONDING TO INCLEMENT WEATHER

If the weather becomes severe to the point it threatens the safety of workers, it is a best practice to evacuate or take shelter.

1. Notify supervisor of the severe weather.
2. Shut down all work activities.
3. If possible, shut-in wells and production equipment.
4. Evacuate location or take shelter.
 - a. **TORNADO** - It may not be best to evacuate. Use best judgment if a tornado is in sight. Go to the lowest point possible (i.e., ditches, culverts, creek bottoms). Do not stay in a vehicle! Lay face down and cover your head with your hands. Keep all PPE on; this can help protect you from flying debris. Wait for the storm to pass.
 - b. **THUNDER/LIGHTNING** – When you see lightning or hear thunder, “cab up” in a vehicle for 30 minutes from the last sighting.
 - c. **HIGH WINDS** – Do not work at heights. If a crane is being utilized, shut it down when winds become higher than 25 miles per hour (mph). “Cab up” and wait for the wind to die down. Keep all PPE on while in high winds. PPE can help protect from flying debris.
 - d. **SEVERE RAIN** – If driving and severe rain occurs, pull to the side of the road, and wait for the rain to pass. Pull as far to the right as possible. Turn on hazard lights. If on a work sight, “cab up” until the rain passes.
 - e. **FLOODING** – If you are in an area that is prone to flooding, never attempt to stay on location when flooding occurs. Find the best route to high ground and remain until safe. Never drive through standing water.
 - f. **HAIL** – If hail occurs while on site, always keep PPE on. PPE can help protect you from falling ice. Seek shelter in a building or vehicle until the storm passes.
 - g. **WINTER WEATHER (Blizzards and severe snowstorms)** – Avoid unnecessary driving and seek shelter immediately.
5. If you or someone on location is injured follow the steps in section 5.1.

5.6 RESPONDING TO A BOMB THREAT OR TERRORIST ACTIVITY

Finding a suspicious bomb like item

1. Don't use cellular phones or communication radios (turn them off) - this could detonate certain types of devices.
2. Evacuate the area.
3. Call the Sheriff's Department - 911 to report location and description of suspicious item.
4. Close access to the site.
5. Make notification to GMT (see section 2.0 for instructions). Do not discuss a bomb sighting with anyone other than the police and your supervisor.

Bomb Threat

1. Take all bomb threats seriously. If it is a telephone threat, remain calm and get as much information as possible. Write down the exact words of the caller.
 - a. What time did call come in?
 - b. When will the bomb go off?
 - c. What will set the bomb off?
 - d. Where is the bomb located?
 - e. How did the bomb get to its current location?
 - f. What kind of bomb is it?
 - g. What size is the bomb?
 - h. Why are you doing this?
 - i. What is your name?
 - j. Where are you? Address?
 - k. What time was call terminated?
2. Quickly note the following:
 - a. Male or Female
 - b. Age
 - c. Foreign or identifiable accents
 - d. Voice (high or deep)
 - e. Speech (speed or other)
 - f. intoxicated or other impairment
 - g. Distinguishable background noise.
3. Notify the sheriff's department (911).

4. Notify Building Management or supervisor on location.
5. Make notification to GMT (see section 2.0 for instructions).
6. Stay calm. Do not discuss the bomb threat with anyone other than the police and your supervisors. Wait for future instruction.

5.7 RESPONDING TO MEDIA, UNAUTHORIZED VISITORS, AND PROTESTERS

You may be confronted with media, unauthorized visitors and/or protestors on site at any time. Approach each of these situations calmly, cautiously, and deliberately. Be alert; it could develop into a highly dangerous situation; therefore, avoid the hysterical or excited approach.

Media near GMT wellsite/facility or office

1. If you notice media near but not on a location, immediately notify your supervisor of the situation.
2. If you must engage the member of the media, remain polite, and professional. Tell them, **“The best way I can help you is to put you in touch with our communications team.”**
3. See section 3.4 Media Communication and Appendix A.2 for information regarding the communications team.

Unauthorized visitors or protests near GMT wellsite/facility or office

1. Peaceful, Non-Obstructive Protest
2. Notify your supervisor of the situation.
3. Peaceful protests should not be interrupted.
4. Do not engage with peaceful protestors.
5. Efforts should be made to conduct GMT business as normal.
6. Disruptive Protests –

If any of the following conditions exist, the protest is disruptive.

- a. Disruption of the normal operations of the GMT facility.
- b. Obstructing access to offices, or GMT facilities/well sites.
- c. Threat of physical harm to persons or damage to GMT facilities.

If protest is disruptive, then take these actions:

- a. Notify the sheriff's department (911).
- b. Limit your engagement. Do not play the role of law enforcement.
- c. Make notification to GMT (see section 2.0 for instructions).
- d. Immediately safeguard personnel – including any other affected parties (other offices, or residents)
- e. Assemble all personnel at Muster Point. Conducted a head count. Evacuate to a safer location if necessary.

APPENDIX A.1 - CORPORATE ROLE ASSIGNMENTS

Name	Title
Incident Commander	
Dennis Snow	VP Operations HSE Manager
Finance Chief	
Bill Lancaster	President
Kevin Andrus	CFO
Liaison Officer	
Whitney Eberhardt	Regulatory/Engineer Technician
Human Resources	
Marissa Walters	Executive Assistant
Information Officer	
Phil Wood	VP Land
On-Site Group Supervisor	
BJ Cox	Production Superintendent Safety Supervisor
Engineer	
Dennis Snow	Engineer

APPENDIX A.2 - CORPORATE CONTACT LIST

GMT Exploration Company LLC				
24 Hour Emergency Number 1-866-868-3028				
Company Main Number 1-720-946-3028				
Required Emergency Contacts (Internal)				
Name	Position	Office	Cell	Email
Dennis Snow	VP Operations	303-586-9281	303-503-2190	dsnow@gmtexploration.com
BJ Cox	Production Superintendent Safety Supervisor	303-586-9274	307-354-8895	bjcox@gmtexploration.com
All Media Requests				
Phil Wood	VP Land Information Officer	303-586-9284	720-273-8919	pwood@gmtexploration.com
Additional Contacts (Internal)				
Name	Position	Office	Cell	Email
Bill Lancaster	President	303-586-9278	303-808-0857	wdl@gmtexploration.com
Kevin Andrus	CFO	303-586-9276	303-638-1630	kandrus@gmtexploration.com
Whitney Eberhardt	Regulatory Engineer Technician	303-586-9289	303-517-3424	w.eberhardt@gmtexploration.com
Marissa Walters	Executive Assistant & HR	303-586-9275	720-984-4252	mwalters@gmtexploration.com
Dennis Snow	Engineer	303-586-9281	303-503-2190	dsnow@gmtexploration.com

APPENDIX A.3 - EMERGENCY SERVICES CONTACT

Emergency Services Contact		
Service	Third Party Resource	Telephone Number
NATIONAL (US)		
Safety Data Sheets (SDS) (chemicals on location)	Chem Tel	800- 255-3924
Spill Response (HAZWOPER/HAZMAT)	ECOS	888- 506-3165
Well Control Blowout	Well Control (Halliburton)	281-931-8884 800- BLOWOUT
Media Communication	Larry Holdren Doug Hock	303-506-2687 303-328-7048
COLORADO		
Air & Groundwater Monitoring	WSP Chris Shephard	303-433-9788 303-229-7233
Facility Repair Reclamation	Advanced Oilfield Justin Rapp	970- 379-0756

APPENDIX A.4 – NATIONAL AGENCY CONTACT INFORMATION

Emergency Response Agencies	
Agency	Telephone Number
NATIONAL	
Police/Fire/EMS	911
National Response Center	(800) 424-8802
OSHA	(800) 321-6742
National Weather Service	(303) 494-4221
Poison Control Hotline	(800) 222-1222
Call Before You Dig	811
NRC (Nuclear Regulatory Commission)	(800) 424-8802

APPENDIX A.5 – COLORADO AGENCY CONTACT INFORMATION

Emergency Response Agencies	
Agency	Telephone Number
STATE OF COLORADO	
Colorado Oil and Gas Conservation Commission (COGCC)	(303) 894-2100
Colorado Department of Public Health and Environment (CDPHE)	(887) 518-5608
Bureau of Land Management Colorado State Office	(303) 239-3600
Occupational Safety and Health Administrations-Colorado Office (Denver Area)	(303) 844-5282
Colorado Emergency Management Agency	(720) 852-6600
Call Before You Dig (Colorado)	(800) 922-1987
ADAMS COUNTY, COLORADO	
Adams County Fire Department	(303) 539-6800
Adams County Sheriff (Rick Reigenborn)	(303) 654-1850
Adams County Office of Emergency Management (Richard Atkins)	(720) 523-6600
Adams County Regional Communication Center	(303) 288-1535
Adams County Local Government Designee (Christine Dougherty)	(720)-523-6819
CITY OF AURORA	
City of Aurora	(303) 739-7000
Aurora Fire Rescue	(303) 326-8999
City of Aurora Health Department	(877) 518-5608
City of Aurora Local Government Designee (Stephen Rodriquez)	(303) 739-7186

ELBERT COUNTY, COLORADO	
Elbert County Fire Department	(303) 648-3000
Elbert County Sheriff (Tim Norton)	(303) 621-2027
Elbert County Office of Emergency Management	(303) 805-6131
Elbert County Local Government Designee (Greg Thompson)	(720) 595-3608

APPENDIX B.1 – REGULATORY REPORTING REQUIREMENTS

EMERGENCY RESPONSE CONTACT TIERED ORGANIZATION			
	Level 1 Incident	Level 2 Incident	Level 3 Incident
Field Staff and Leadership	✓	✓	✓
National/Local/State Emergency Response		✓	✓
BLM and State Office		✓	✓
Crisis Management Team (internal)			✓

Follow the actions described based on incident level in the following tables:

Regulatory Requirements

Level 1 - Lowest Level:	
1.	<p>An incident without fire, recordable injuries, public involvement, or adverse media involvement, typically reported as a near miss or a first aid incident.</p> <p>Contact: Field Staff and Leadership</p> <p>Report: None</p>
2.	<p>Any spill that does not reach water or a drainage feature (less than 1 bbl.).</p> <p>*Spill must be reported verbally or in writing within 24 hours of discovery.</p> <p>*Surface Owner must be contacted within 24 hours of a spill/release</p> <p>Contact: State Offices (WOGCC or COGCC) if ≥ 1 bbl. spill outside of berms or secondary containment, ≥ 5 bbl. spill completely contained within berms or secondary containment</p> <p>Colorado Report: https://cogcc.state.co.us/forms/PDF_Forms/form19.PDF</p>
3.	<p>Minor unplanned and uncontrolled nontoxic gas or vapor release.</p> <p>Contact: State and BLM offices.</p> <p>*Surface Owner must be contacted within 24 hours of a spill/release</p> <p>Colorado Report: https://cogcc.state.co.us/forms/PDF_Forms/form19.PDF</p>
4.	<p>Vehicle accident without injury and/or damage less than \$5,000.</p> <p>Contact: Field Staff and Leadership</p> <p>Report: None</p>
5.	<p>Property damage less than \$5,000.</p> <p>Contact: Field Staff and Leadership</p> <p>Report: None</p>

*In any incident that causes operations to shut down the entire pad liaison officer must contact the County.

Level 2 - Intermediate Level

1. Incidents involving recordable or serious injury to employees, contractors, or the public.

Contact: 911 and depending on the accident call appropriate personnel. Note: In the event of a death coordinate next of kin notification by the police. Must contact State Office/BLM within 24 hours and OSHA, if fatality report within 8 hours, all others 24 hours. Let field staff and leadership aware and let State and BLM offices aware of situation.

Colorado Report:

https://cogcc.state.co.us/documents/reg/Forms/PDF_Forms/Form22_June2018.pdf

2. Nontoxic gas or vapor release requiring employee or contractor evacuation.

Contact: HAZWOP/HAZMAT (888)-506-3165 if release is moderate to larger scale. CDPHE if >25 gal, BLM if > 500 MCF of gas (call within 24 hours and written report within 15 days), call State ≥ 1 bbl. spill outside of berms or secondary containment ≥ 5 bbl. spill completely contained within berms or secondary containment.

*Surface Owner must be contacted within 24 hours of a spill/release

Colorado Report: https://cogcc.state.co.us/forms/PDF_Forms/form19.PDF

3. Fire that can be managed with internal resources, immediately controlled, and extinguished.

Contact: Field Staff and Leadership, State and BLM offices

Colorado

Report:

https://cogcc.state.co.us/documents/reg/Forms/PDF_Forms/Form22_June2018.pdf

4. Any spill to water, drainage feature, or over 1 bbl.

*Spill must be reported verbally or in writing within 24 hours of discovery.

Contact: State Offices (WOGCC or COGCC) if ≥ 1 bbl. spill outside of berms or secondary containment, ≥ 5 bbl. spill completely contained within berms or secondary containment.

>100 bbl. if contained entirely by a facility berm or a spill of 10-100 bbl. (no call required, written report within 15 days) >100 bbl. if NOT contained call. Must also contact CDPHE >25 gal. release.

Colorado Report: https://cogcc.state.co.us/forms/PDF_Forms/form19.PDF

5. Vehicle accident with injury and/or damage greater than \$5,000 but less than \$10,000.

Contact: Contact: 911 and depending on the accident call appropriate personnel. Note: In the event of a death coordinate next of kin notification by the police. Must contact State Office/BLM within 24 hours and OSHA, if fatality report within 8 hours, all others 24 hours. Let field staff and leadership aware and let State and BLM offices aware of situation.

Colorado Report:

https://cogcc.state.co.us/documents/reg/Forms/PDF_Forms/Form22_June2018.pdf

6. Property damage greater than \$5,000 but less than \$50,000.

Contact: Depending on damage contact 911, field staff and leadership and State and BLM office. It might also be necessary to contact the surface owner.

Colorado Report:

https://cogcc.state.co.us/documents/reg/Forms/PDF_Forms/Form22_June2018.pdf

7. Significant Notices of Violation, fines, penalties, administrative orders, etc. received from any government agency.

Contact: Depends on violation and/or penalties

Report: Depending on violation

8. Natural disasters or severe weather events.

Contact: Depends on violation and/or penalties. On-Site Group Supervisor to contact on location personnel to ensure their safety.

Report: Depending on the effects of weather events.

Level 3 - Highest Level

1. Incidents involving death or multiple injured employees, contractors, or the public.

Contact: 911 and depending on the accident call appropriate personnel.

Note: In the event of a death coordinate next of kin notification by the police. Must contact State Office/BLM within 24 hours and OSHA, if fatality report within 8 hours, all others 24 hours

Colorado Report: Must report within 24 Hours

https://cogcc.state.co.us/documents/reg/Forms/PDF_Forms/Form22_June2018.pdf

2. Gas or vapor release requiring evacuation of third parties.

Contact: HAZWOP/HAZMAT (888)-506-3165. Call NRC immediately if hazardous vapors.

Colorado Report: https://cogcc.state.co.us/forms/PDF_Forms/form19.PDF

- 3.

Major spills, toxic gas releases, or other significant environmental damage, or greater than 5 bbl.

Contact: HAZWOP/HAZMAT (888)-506-3165 or Chem Tel (only identifies reported chemicals stored on location) 800-255-3924. State Offices (WOGCC or COGCC) if ≥ 1 bbl. spill outside of berms or secondary containment, ≥ 5 bbl. spill completely contained within berms or secondary containment. > 100 bbl. if contained entirely by a facility berm or a spill of 10-100 bbl. (no call required, written report within 15 days) > 100 bbl. if NOT contained call. Must also contact CDPHE > 25 gal. release. Call NRC immediately if hazardous vapors.

Colorado Report: https://cogcc.state.co.us/forms/PDF_Forms/form19.PDF

4. Blowouts.

Contact: Well Control (Halliburton) 281-931-8884 or 800-BLOWOUT. Call State and BLM immediately.

5. Fires not immediately controlled and extinguished, typically fires that involve third party emergency response.

Contact: 911 and fire department. Call State and BLM offices and EPA. If injury occurs due to fire call OSHA.

Colorado Report:

https://cogcc.state.co.us/documents/reg/Forms/PDF_Forms/Form22_June2018.pdf

6. Vehicle accident with damage greater than \$10,000.

Contact: 911 and depending on the accident call appropriate personnel. Note: In the event of a death coordinate next of kin notification by the police. Must contact State Office/BLM within 24 hours and OSHA, if fatality report within 8 hours, all others 24 hours. Let field staff and leadership aware and let State and BLM offices aware of situation.

Colorado Report:

https://cogcc.state.co.us/documents/reg/Forms/PDF_Forms/Form22_June2018.pdf

7. Property damage greater than \$50,000.

Contact: Depending on damage contact 911, field staff and leadership and State and BLM office. It might also be necessary to contact the surface owner.

Colorado Report:

https://cogcc.state.co.us/documents/reg/Forms/PDF_Forms/Form22_June2018.pdf

8. Incidents that have potential for media coverage.

Contact: Dependent on type of incident. Call internal crisis team.

APPENDIX C

SITE SPECIFIC EMERGENCY RESPONSE INFORMATION

APPENDIX C.1 –VULCAN 6-64 10-8 PAD, ELBERT COUNTY

APPENDIX C.2- MARBLE-REDSTONE PAD, ELBERT COUNTY

APPENDIX C.3 –CRYSTAL-RUBY PAD, ELBERT COUNTY

APPENDIX C.4 – IRWIN-TAYLOR PAD, ELBERT COUNTY

APPENDIX C.5 – CINNAMON 6-54 19-7 PAD, ELBERT COUNTY

APPENDIX C.6 – RAGGED 6-64 4 PAD, ELBERT COUNTY

APPENDIX C.1 TO FIELD WIDE EMERGENCY RESPONSE PLAN FOR Vulcan 6-64 10-8 PAD

**Elbert County
Facility Specific Emergency Response Plan
SE ¼ NW ¼ Sec. 10, T6S, R64W, 6TH P.M
39.545483, -104.542233**

Overview and Operator's Detailed Emergency Response Plan

Elbert County's Office of Emergency Management have been, or will be, provided a copy of Operator's (Operator) field wide Emergency Response Plan (ERP), which details how Operator personnel will respond in the event of an emergency.

This document is provided as Appendix C.1 to the Field wide ERP and provides site specific information for the Vulcan 6-64 10-8 PAD location to complement the field wide ERP. The information in this document relates specifically to the time during the construction, drilling, and completion of the 10 proposed wells on this location.

Once production operations start and all completion equipment has been removed from this location, any emergency at the location will be responded to according to Operator's field wide ERP.

All emergency calls should first be made to 911, and then followed up to the appropriate contacts listed later in this facility specific emergency response plan.

Vulcan 6-64 10-8PAD Location Specifics

Location Overview

The Vulcan 6-64 10-8 PAD access is located approximately 2,300 feet North and 7,500 feet East the intersection of Elbert County Road 186 and Elbert County Road 21.

Transportation Routes

The main access road will begin at the intersection of Elbert County Road 186 and Elbert County Road 21 and extend approximately 8,000 feet Northeast to the drilling pad location.

Location Equipment

The Vulcan 6-64 10-8 PAD location will contain 10 wells, 6 oil tanks, 1 condensate tank, 4 water tanks, 2 modular large volume tanks, 10 pump jacks, 4 separators, 3 gas compressors, 14 electric motors, 1 electric generator, 1 LACT unit, and 1 vapor recovery unit.

Schools and Other High Occupancy Buildings

There are no schools or other high occupancy buildings within one mile from this location.

Nearby Residents

There are no residences with one-half mile of the location, and two residences are located within one mile of this location.

- 1st resident located approximately 0.77 miles SE (39°32'10.02"N, 104°32'2.50"W)
- 2nd resident located approximately 0.97 miles NE (39°33'3.38"N, 104°31'30.34"W)

Contact Information

Operator Personnel

For any emergency related incident, First Responders or Elbert County's Office of Emergency Response should contact the following personnel:

Contact	Phone
BJ Cox, Production Superintendent	307-354-8895
Dennis Snow, VP Operations, Health, Safety and Environmental (EHS) Manager	303-503-2190
Operator's 24 Hour Emergency Response Number (24/7)	866-868-3028
Operator's Community Response Number (24/7)	844-571-3119

Here is a list of the key information needed for notifications.

- a) Location or facility and call back phone number.
- b) Type of emergency.
- c) Time of discovery.
- d) Magnitude of emergency (size of fire or spill, number of people involved, injuries, other properties or companies are involved).
- e) What you have done prior to making notification.
- f) What external outside notifications have been made.
- g) Recommended next steps for the response.
- h) Weather conditions.
- i) What assistance you need.
- j) When you will call back with a subsequent report.

First Responders

The following First Responders and Emergency Management Offices will be contacted in the case of an emergency at the Vulcan 6-64 10-8PAD:

Contact	Phone
Police/Fire/EMS	911
National Response Center	800-424-8802
Elbert County Sheriff	303-621-2027
Elbert Fire Protection District	303-648-3000
Elbert County Office of Emergency Management	706-283-1411

A copy of this information will be kept onsite so personnel will quickly know who to contact in the event of an emergency.

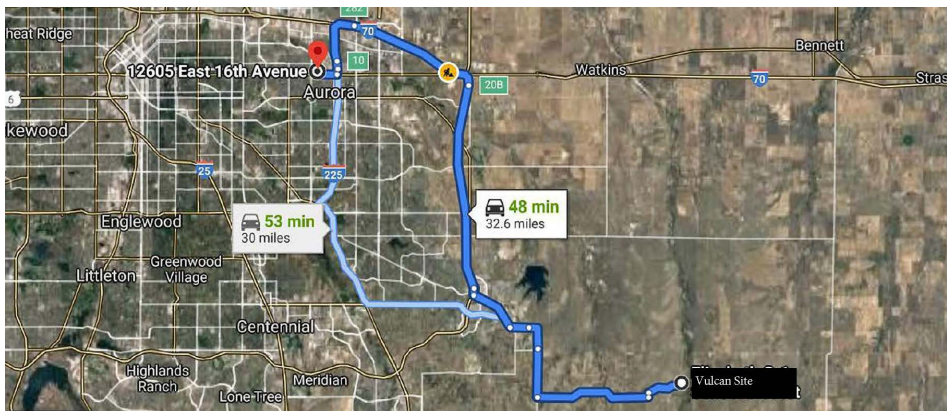
Government Agencies

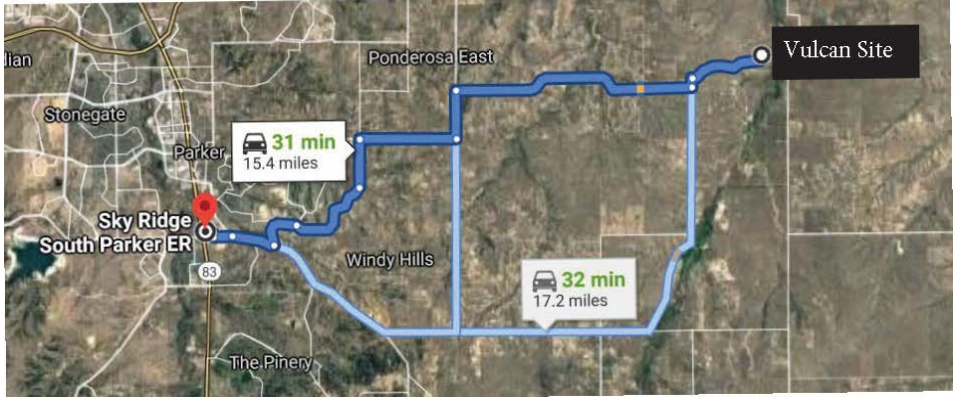
For the Vulcan 6-64 10-8 PAD the following state government agencies and local contacts will be contacted in the event of an emergency:

Contact	Phone
Colorado Oil & Gas Conservation Commission (COGCC)	303-894-2100
Colorado Department of Public Health and Environment (CDPHE)	877-518-5608

Nearest Hospitals with Emergency Rooms

The Vulcan 6-64 10-8PAD has the following nearby hospitals with emergency rooms that will be utilized in the event of an emergency:

Contact	Map
<p>UC Health University of Colorado Hospital (UCH)</p> <p>12605 E 16th Ave Aurora, Colorado 80045 (720) 848 9111</p> <ul style="list-style-type: none">Distance from location: 32.6 milesGround travel time: ~48 minutesLevel 1 Trauma CenterBurn Unit	

<p>Sky Ridge South Parker ER</p> <p>12223 Pine Bluffs Way, Parker, CO 801234 (720) 347-6100</p> <ul style="list-style-type: none"> Distance from location: 15.4 miles Ground travel time: ~31 minutes Level II Trauma Center 	
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Site Safety Requirements

Personal Protective Equipment

All personnel on location are required to be equipped with appropriate personal protective equipment (PPE) that complies with OSHA requirements for typical oil and gas operations. The minimum PPE to enter the location includes hard hat, safety glasses, safety toe boots, and fire resistant clothing (FRC). All contractors and visitors are responsible for providing their employees with the appropriate PPE while on location. In addition, all contract personnel entering the location to perform work must understand and abide by Operator's contractor expectations relating to environmental, health and safety requirements.

Additionally, emergency items such as portable explosive, four gas detectors, and a first aid command center will be onsite during the drilling and completion operations.

Daily Safety Meetings

All personnel on location during drilling and completion operations are required to attend daily safety meetings.

Controlled Access

During drilling and completion operations all employees and approved visitors will be required to sign in and provided a safety briefing.

Emergency Muster/Assembly Points

A muster area will be setup on location. Large red signs will identify the location and it will be pointed out during the daily safety meetings.

Location of Emergency Equipment and Supplies

As per Operator's field wide ERP, if an emergency were to occur related to public or worker safety, Operator personnel will immediately contact the Field Supervisor, who will obtain and supply emergency response equipment. Should additional resources be needed, Field Supervisor will contact ECOS at 888- 506-3165 to aid in response.

Emergency response services include identification of involved petroleum, analysis of environmental fate, determination of safe levels in air, water, soil, or other media, education of local health providers regarding the involved substances, and general incident management.

Spills

All spills will be reported to the COGCC and Elbert County as required per COGCC rules, and immediately cleaned up per Operator's field wide ERP.

Coordination with First Responders and Office of Emergency Management

Upon request, Operator's EH&S staff will meet with the personnel from any first responders listed above and the Office of Emergency Management prior to commencing operations on the location. The purpose of the meeting would be to review Operator's emergency response plan, tour the location, and discuss planned facilities. First responders and the Office of Emergency Management personnel should contact Operator's Safety Supervisor, BJ Cox at 307-354-8895 to set up this onsite meeting.

APPENDIX C.2 TO FIELD WIDE EMERGENCY RESPONSE PLAN FOR MARBLE-REDSTONE PAD

**Elbert County
Facility Specific Emergency Response Plan
NE ¼ SW ¼ Sec. 24, T6S, R65W, 6TH P.M
39.510864, -104.617644**

Overview and Operator's Detailed Emergency Response Plan

Elbert County's Office of Emergency Management have been, or will be, provided a copy of Operator's (Operator) field wide Emergency Response Plan (ERP), which details how Operator personnel will respond in the event of an emergency.

This document is provided as Appendix C.2 to the Field wide ERP and provides site specific information for the MARBLE-REDSTONE PAD location to compliment the field wide ERP. The information in this document relates specifically to the time during the construction, drilling, and completion of the 20 proposed wells on this location.

Once production operations start and all completion equipment has been removed from this location, any emergency at the location will be responded to according to Operator's field wide ERP.

All emergency calls should first be made to 911, and then followed up to the appropriate contacts listed later in this facility specific emergency response plan.

MARBLE-REDSTONE PAD Location Specifics

Location Overview

The MARBLE-REDSTONE PAD access is located approximately 1,550 feet North and 3,250 feet West the intersection of planned Elbert County Road 178 and Elbert County Road 13.

Transportation Routes

The main access road will begin 3,250 feet West of the intersection of Elbert County Road 178 and Elbert County Road 13 and extend approximately 1,550 feet North to the drilling pad location.

Location Equipment

The MARBLE-REDSTONE PAD location will contain 20 wells, 6 oil tanks, 1 condensate tank, 4 water tanks, 1 modular large volume tanks, 8 separators, 6 gas compressors, 1 electric motor, 2 electric generators, 1 lease automatic custody transfer (LACT) unit, 2 vapor recovery units and other supporting equipment.

Schools and Other High Occupancy Buildings

There are no schools or other high occupancy buildings within one mile from this location.

Nearby Residents

There are no residences with one-half mile of the location, and eleven residences are located within one mile of this location.

- 4 residences located approximately 0.82 miles NE (39°31'24.43"N, 104°36'47.73"W)
- 1 residence located approximately 0.93 miles NW (39°31'20.72"N, 104°37'36.98"W)
- 5 residences located approximately 0.87 miles SW (39°30'7.63"N, 104°37'46.80"W)
- 1 residence located approximately 0.85 miles W (39°30'46.11"N, 104°37'59.67"W)
-

Contact Information

Operator Personnel

For any emergency related incident, First Responders or Elbert County's Office of Emergency Response should contact the following personnel:

Contact	Phone
BJ Cox, Production Superintendent	307-354-8895
Dennis Snow, VP Operations, Health, Safety and Environmental (EHS) Manager	303-503-2190
Operator's 24 Hour Emergency Response Number (24/7)	866-868-3028
Operator's Community Response Number (24/7)	844-571-3119

Here is a list of the key information needed for notifications.

- a) Location or facility and call back phone number.
- b) Type of emergency.
- c) Time of discovery.
- d) Magnitude of emergency (size of fire or spill, number of people involved, injuries, other properties or companies are involved).
- e) What you have done prior to making notification.
- f) What external outside notifications have been made.
- g) Recommended next steps for the response.

- h) Weather conditions.
- i) What assistance you need.
- j) When you will call back with a subsequent report.

First Responders

The following First Responders and Emergency Management Offices will be contacted in the case of an emergency at the MARBLE-REDSTONE PAD:

Contact	Phone
Police/Fire/EMS	911
National Response Center	800-424-8802
Elbert County Sheriff	303-621-2027
Elbert Fire Protection District	303-648-3000
Elbert County Office of Emergency Management	706-283-1411

A copy of this information will be kept onsite so personnel will quickly know who to contact in the event of an emergency.

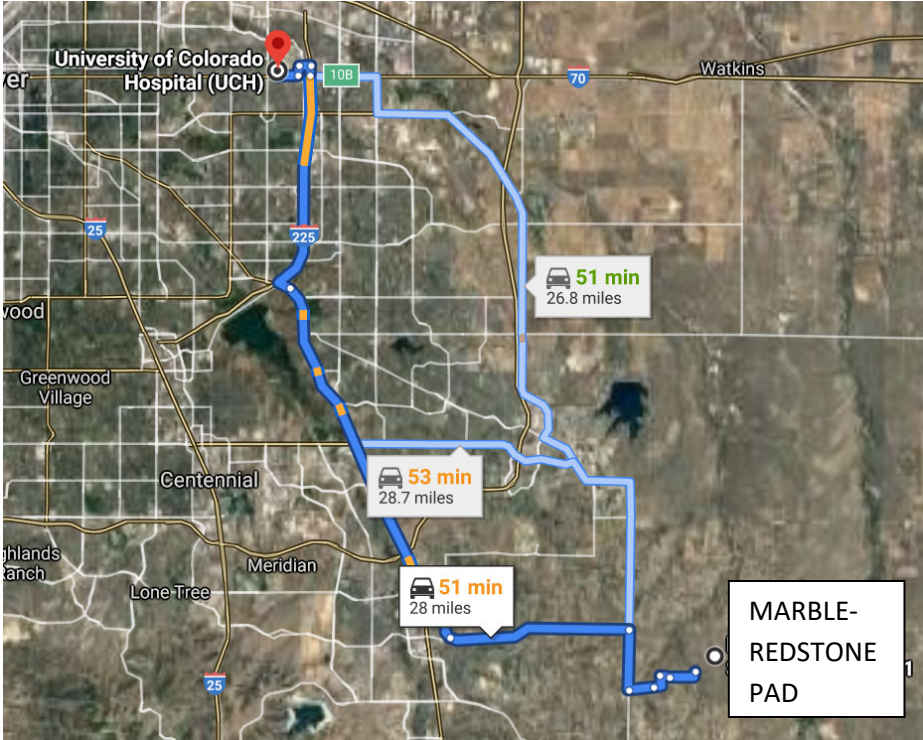
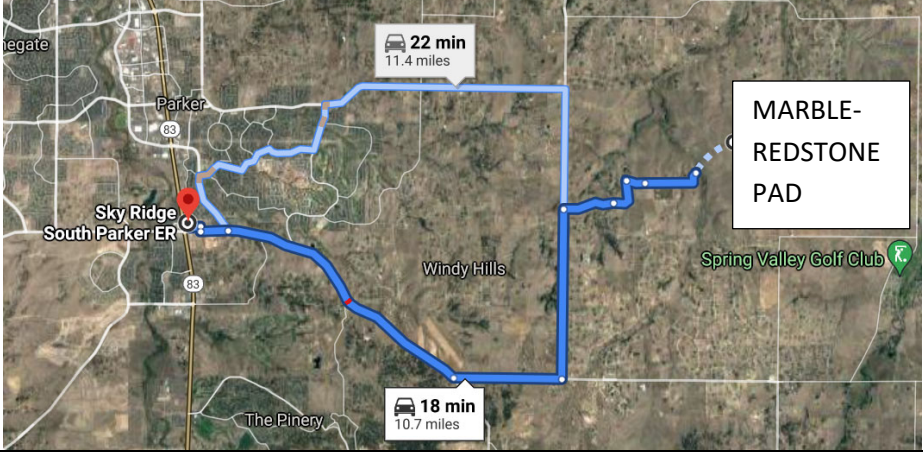
Government Agencies

For the MARBLE-REDSTONE PAD the following state government agencies and local contacts will be contacted in the event of an emergency:

Contact	Phone
Colorado Oil & Gas Conservation Commission (COGCC)	303-894-2100
Colorado Department of Public Health and Environment (CDPHE)	877-518-5608

Nearest Hospitals with Emergency Rooms

The MARBLE-REDSTONE PAD has the following nearby hospitals with emergency rooms that will be utilized in the event of an emergency:

Contact	Map
<p>UC Health University of Colorado Hospital (UCH)</p> <p>12605 E 16th Ave Aurora, Colorado 80045 (720) 848 9111</p> <ul style="list-style-type: none">Distance from location: 26.8 milesGround travel time: ~51 minutesLevel 1 Trauma CenterBurn Unit	
<p>Sky Ridge South Parker ER</p> <p>12223 Pine Bluffs Way, Parker, CO 801234 (720) 347-6100</p> <ul style="list-style-type: none">Distance from location: 11.4 milesGround travel time: ~22 minutesLevel II Trauma Center	

Site Safety Requirements

Personal Protective Equipment

All personnel on location are required to be equipped with appropriate personal protective equipment (PPE) that complies with OSHA requirements for typical oil and gas operations. The minimum PPE to enter the location includes hard hat, safety glasses, safety toe boots, and fire resistant clothing (FRC). All contractors and visitors are responsible for providing their employees with the appropriate PPE while on location. In addition, all contract personnel entering the location to perform work must understand and abide by Operator’s contractor expectations relating to environmental, health and safety requirements.

Additionally, emergency items such as portable explosive, four gas detectors, and a first aid command center will be onsite during the drilling and completion operations.

Daily Safety Meetings

All personnel on location during drilling and completion operations are required to attend daily safety meetings.

Controlled Access

During drilling and completion operations all employees and approved visitors will be required to sign in and provided a safety briefing.

Emergency Muster/Assembly Points

A muster area will be setup on location. Large red signs will identify the location and it will be pointed out during the daily safety meetings.

Location of Emergency Equipment and Supplies

As per Operator's field wide ERP, if an emergency were to occur related to public or worker safety, Operator personnel will immediately contact the Field Supervisor, who will obtain and supply emergency response equipment. Should additional resources be needed, Field Supervisor will contact ECOS at 888- 506-3165 to aid in response.

Emergency response services include identification of involved petroleum, analysis of environmental fate, determination of safe levels in air, water, soil, or other media, education of local health providers regarding the involved substances, and general incident management.

Spills

All spills will be reported to the COGCC and Elbert County as required per COGCC rules, and immediately cleaned up per Operator's field wide ERP.

Coordination with First Responders and Office of Emergency Management

Upon request, Operator's EH&S staff will meet with the personnel from any first responders listed above and the Office of Emergency Management prior to commencing operations on the location. The purpose of the meeting would be to review Operator's emergency response plan, tour the location, and discuss planned facilities. First responders and the Office of Emergency Management personnel should contact Operator's Safety Supervisor, BJ Cox at 307-354-8895 to set up this onsite meeting.

APPENDIX C.3 TO FIELD WIDE EMERGENCY RESPONSE PLAN FOR CRYSTAL-RUBY PAD

**Elbert County
Facility Specific Emergency Response Plan
NE ¼ SE ¼ Sec. 22, T6S, R65W, 6TH P.M
39.512209, -104.645752**

Overview and Operator's Detailed Emergency Response Plan

Elbert County's Office of Emergency Management have been, or will be, provided a copy of Operator's (Operator) field wide Emergency Response Plan (ERP), which details how Operator personnel will respond in the event of an emergency.

This document is provided as Appendix C.3 to the Field wide ERP and provides site specific information for the CRYSTAL-RUBY PAD location to compliment the field wide ERP. The information in this document relates specifically to the time during the construction, drilling, and completion of the 20 proposed wells on this location.

Once production operations start and all completion equipment has been removed from this location, any emergency at the location will be responded to according to Operator's field wide ERP.

All emergency calls should first be made to 911, and then followed up to the appropriate contacts listed later in this facility specific emergency response plan.

CRYSTAL-RUBY PAD Location Specifics

Location Overview

The CRYSTAL-RUBY PAD access is located approximately 700 feet North and 4,420 feet East the intersection of Elbert County Road 178 and Elbert County Road 1.

Transportation Routes

The main access road will begin 2,700 feet East of the planned intersection of Elbert County Road 178 and Elbert County Road 1 and extend approximately 2,800 feet Northeast to the drilling pad location.

Location Equipment

The CRYSTAL-RUBY PAD location will contain 20 wells, 6 oil tanks, 1 condensate tank, 4 water tanks, 1 modular large volume tanks, 8 separators, 6 gas compressors, 1 electric motor, 2 electric generators, 1 lease automatic custody transfer (LACT) unit, 2 vapor recovery units and other supporting equipment.

Schools and Other High Occupancy Buildings

There are no schools or other high occupancy buildings within one mile from this location.

Nearby Residents

There is one single residence and outer residences of a subdivision with one-half mile of the location, and another subdivision to the north within one mile of this location.

- Southern subdivision located approximately 0.45 miles S (39°30'23.13"N, 104°38'46.22"W)
- 1 residence located approximately 0.55 miles W (39°30'40.19"N, 104°39'21.04"W)
- Northern subdivision located approximately 0.69 miles N (39°31'24.43"N, 104°36'47.73"W)

Contact Information

Operator Personnel

For any emergency related incident, First Responders or Elbert County's Office of Emergency Response should contact the following personnel:

Contact	Phone
BJ Cox, Production Superintendent	307-354-8895
Dennis Snow, VP Operations, Health, Safety and Environmental (EHS) Manager	303-503-2190
Operator's 24 Hour Emergency Response Number (24/7)	866-868-3028
Operator's Community Response Number (24/7)	844-571-3119

Here is a list of the key information needed for notifications.

- a) Location or facility and call back phone number.
- b) Type of emergency.
- c) Time of discovery.
- d) Magnitude of emergency (size of fire or spill, number of people involved, injuries, other properties or companies are involved).
- e) What you have done prior to making notification.
- f) What external outside notifications have been made.
- g) Recommended next steps for the response.
- h) Weather conditions.
- i) What assistance you need.

j) When you will call back with a subsequent report.

First Responders

The following First Responders and Emergency Management Offices will be contacted in the case of an emergency at the CRYSTAL-RUBY PAD:

Contact	Phone
Police/Fire/EMS	911
National Response Center	800-424-8802
Elbert County Sheriff	303-621-2027
Elbert Fire Protection District	303-648-3000
Elbert County Office of Emergency Management	706-283-1411

A copy of this information will be kept onsite so personnel will quickly know who to contact in the event of an emergency.

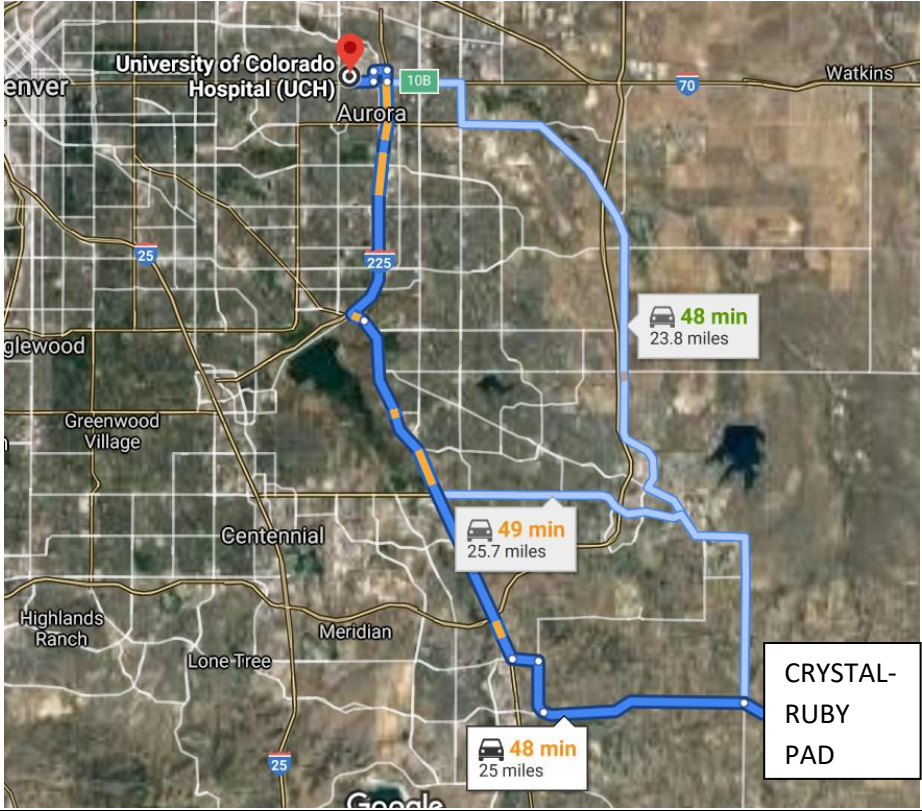

Government Agencies

For the CRYSTAL-RUBY PAD the following state government agencies and local contacts will be contacted in the event of an emergency:

Contact	Phone
Colorado Oil & Gas Conservation Commission (COGCC)	303-894-2100
Colorado Department of Public Health and Environment (CDPHE)	877-518-5608

Nearest Hospitals with Emergency Rooms

The CRYSTAL-RUBY PAD has the following nearby hospitals with emergency rooms that will be utilized in the event of an emergency:

Contact	Map
<p>UC Health University of Colorado Hospital (UCH)</p> <p>12605 E 16th Ave Aurora, Colorado 80045 (720) 848 9111</p> <ul style="list-style-type: none">Distance from location: 23.8 milesGround travel time: ~48 minutesLevel 1 Trauma CenterBurn Unit	
<p>Sky Ridge South Parker ER</p> <p>12223 Pine Bluffs Way, Parker, CO 801234 (720) 347-6100</p> <ul style="list-style-type: none">Distance from location: 8.5 milesGround travel time: ~17 minutesLevel II Trauma Center	

Site Safety Requirements

Personal Protective Equipment

All personnel on location are required to be equipped with appropriate personal protective equipment (PPE) that complies with OSHA requirements for typical oil and gas operations. The minimum PPE to enter the location includes hard hat, safety glasses, safety toe boots, and fire resistant clothing (FRC). All contractors and visitors are responsible for providing their employees with the appropriate PPE while on location. In addition, all contract personnel entering the location to perform work must understand and abide by Operator’s contractor expectations relating to environmental, health and safety requirements.

Additionally, emergency items such as portable explosive, four gas detectors, and a first aid command center will be onsite during the drilling and completion operations.

Daily Safety Meetings

All personnel on location during drilling and completion operations are required to attend daily safety meetings.

Controlled Access

During drilling and completion operations all employees and approved visitors will be required to sign in and provided a safety briefing.

Emergency Muster/Assembly Points

A muster area will be setup on location. Large red signs will identify the location and it will be pointed out during the daily safety meetings.

Location of Emergency Equipment and Supplies

As per Operator's field wide ERP, if an emergency were to occur related to public or worker safety, Operator personnel will immediately contact the Field Supervisor, who will obtain and supply emergency response equipment. Should additional resources be needed, Field Supervisor will contact ECOS at 888- 506-3165 to aid in response.

Emergency response services include identification of involved petroleum, analysis of environmental fate, determination of safe levels in air, water, soil, or other media, education of local health providers regarding the involved substances, and general incident management.

Spills

All spills will be reported to the COGCC and Elbert County as required per COGCC rules, and immediately cleaned up per Operator's field wide ERP.

Coordination with First Responders and Office of Emergency Management

Upon request, Operator's EH&S staff will meet with the personnel from any first responders listed above and the Office of Emergency Management prior to commencing operations on the location. The purpose of the meeting would be to review Operator's emergency response plan, tour the location, and discuss planned facilities. First responders and the Office of Emergency Management personnel should contact Operator's Safety Supervisor, BJ Cox at 307-354-8895 to set up this onsite meeting.

APPENDIX C.4 TO FIELD WIDE EMERGENCY RESPONSE PLAN FOR IRWIN-TAYLOR PAD

**Elbert County
Facility Specific Emergency Response Plan
SE ¼ SE ¼ Sec. 23, T6S, R65W, 6TH P.M
39.509592, -104.625946**

Overview and Operator's Detailed Emergency Response Plan

Elbert County's Office of Emergency Management have been, or will be, provided a copy of Operator's (Operator) field wide Emergency Response Plan (ERP), which details how Operator personnel will respond in the event of an emergency.

This document is provided as Appendix C.4 to the Field wide ERP and provides site specific information for the IRWIN-TAYLOR PAD location to compliment the field wide ERP. The information in this document relates specifically to the time during the construction, drilling, and completion of the 20 proposed wells on this location.

Once production operations start and all completion equipment has been removed from this location, any emergency at the location will be responded to according to Operator's field wide ERP.

All emergency calls should first be made to 911, and then followed up to the appropriate contacts listed later in this facility specific emergency response plan.

IRWIN-TAYLORPAD Location Specifics

Location Overview

The IRWIN-TAYLOR PAD access is located approximately 950 feet North and 5,620 feet West the intersection of Elbert County Road 178 and Elbert County Road 13.

Transportation Routes

The main access road will begin 5,620 feet West of the planned intersection of Elbert County Road 178 and Elbert County Road 13 and extend approximately 950 feet North to the drilling pad location.

Location Equipment

The IRWIN-TAYLORPAD location will contain 20 wells, 6 oil tanks, 1 condensate tank, 4 water tanks, 1 modular large volume tanks, 8 separators, 6 gas compressors, 1 electric motor, 2 electric generators, 1 lease automatic custody transfer (LACT) unit, 2 vapor recovery units and other supporting equipment.

Schools and Other High Occupancy Buildings

There are no schools or other high occupancy buildings within one mile from this location.

Nearby Residents

There is one single residence and outer residences of a subdivision to the south with one-half mile of the location, and several residences to the north within one mile of this location.

- Southern subdivision located approximately 0.35 miles S (39°30'15.88"N, 104°37'40.01"W)
- 1 residence located approximately 0.45 miles W (39°30'46.10"N, 104°37'59.65"W)
- Northern residences located approximately 0.89 miles N (39°31'20.83"N, 104°37'36.74"W)

Contact Information

Operator Personnel

For any emergency related incident, First Responders or Elbert County's Office of Emergency Response should contact the following personnel:

Contact	Phone
BJ Cox, Production Superintendent	307-354-8895
Dennis Snow, VP Operations, Health, Safety and Environmental (EHS) Manager	303-503-2190
Operator's 24 Hour Emergency Response Number (24/7)	866-868-3028
Operator's Community Response Number (24/7)	844-571-3119

Here is a list of the key information needed for notifications.

- a) Location or facility and call back phone number.
- b) Type of emergency.
- c) Time of discovery.
- d) Magnitude of emergency (size of fire or spill, number of people involved, injuries, other properties or companies are involved).
- e) What you have done prior to making notification.
- f) What external outside notifications have been made.
- g) Recommended next steps for the response.
- h) Weather conditions.
- i) What assistance you need.

- j) When you will call back with a subsequent report.

First Responders

The following First Responders and Emergency Management Offices will be contacted in the case of an emergency at the IRWIN-TAYLORPAD:

Contact	Phone
Police/Fire/EMS	911
National Response Center	800-424-8802
Elbert County Sheriff	303-621-2027
Elbert Fire Protection District	303-648-3000
Elbert County Office of Emergency Management	706-283-1411

A copy of this information will be kept onsite so personnel will quickly know who to contact in the event of an emergency.

Government Agencies

For the IRWIN-TAYLORPAD the following state government agencies and local contacts will be contacted in the event of an emergency:

Contact	Phone
Colorado Oil & Gas Conservation Commission (COGCC)	303-894-2100
Colorado Department of Public Health and Environment (CDPHE)	877-518-5608

Nearest Hospitals with Emergency Rooms

The IRWIN-TAYLORPAD has the following nearby hospitals with emergency rooms that will be utilized in the event of an emergency:

Contact	Map
<p>UC Health University of Colorado Hospital (UCH)</p> <p>12605 E 16th Ave Aurora, Colorado 80045 (720) 848 9111</p> <ul style="list-style-type: none"> Distance from location: 26.8 miles Ground travel time: ~51 minutes Level 1 Trauma Center Burn Unit 	<p>Map showing route from University of Colorado Hospital (UCH) to IRWIN-TAYLOR PAD. The route is marked with a blue line. Callouts indicate travel times and distances: 51 min (26.8 miles) and 52 min (28.7 miles).</p>
<p>Sky Ridge South Parker ER</p> <p>12223 Pine Bluffs Way, Parker, CO 801234 (720) 347-6100</p> <ul style="list-style-type: none"> Distance from location: 11.4 miles Ground travel time: ~22 minutes Level II Trauma Center 	<p>Map showing route from Sky Ridge South Parker ER to IRWIN-TAYLOR PAD. The route is marked with a blue line. Callouts indicate travel times and distances: 22 min (11.4 miles) and 18 min (10.7 miles).</p>

Site Safety Requirements

Personal Protective Equipment

All personnel on location are required to be equipped with appropriate personal protective equipment (PPE) that complies with OSHA requirements for typical oil and gas operations. The minimum PPE to enter the location includes hard hat, safety glasses, safety toe boots, and fire resistant clothing (FRC). All contractors and visitors are responsible for providing their employees with the appropriate PPE while on location. In addition, all

contract personnel entering the location to perform work must understand and abide by Operator's contractor expectations relating to environmental, health and safety requirements.

Additionally, emergency items such as portable explosive, four gas detectors, and a first aid command center will be onsite during the drilling and completion operations.

Daily Safety Meetings

All personnel on location during drilling and completion operations are required to attend daily safety meetings.

Controlled Access

During drilling and completion operations all employees and approved visitors will be required to sign in and provided a safety briefing.

Emergency Muster/Assembly Points

A muster area will be setup on location. Large red signs will identify the location and it will be pointed out during the daily safety meetings.

Location of Emergency Equipment and Supplies

As per Operator's field wide ERP, if an emergency were to occur related to public or worker safety, Operator personnel will immediately contact the Field Supervisor, who will obtain and supply emergency response equipment. Should additional resources be needed, Field Supervisor will contact ECOS at 888- 506-3165 to aid in response.

Emergency response services include identification of involved petroleum, analysis of environmental fate, determination of safe levels in air, water, soil, or other media, education of local health providers regarding the involved substances, and general incident management.

Spills

All spills will be reported to the COGCC and Elbert County as required per COGCC rules, and immediately cleaned up per Operator's field wide ERP.

Coordination with First Responders and Office of Emergency Management

Upon request, Operator's EH&S staff will meet with the personnel from any first responders listed above and the Office of Emergency Management prior to commencing operations on the location. The purpose of the meeting would be to review Operator's emergency response plan, tour the location, and discuss planned facilities. First responders and the Office of Emergency Management personnel should contact Operator's Safety Supervisor, BJ Cox at 307-354-8895 to set up this onsite meeting.



APPENDIX C.5 TO FIELD WIDE EMERGENCY RESPONSE PLAN FOR CINNAMON 6-54 19-7 PAD

**Elbert County
Facility Specific Emergency Response Plan
S 1/2 NW 1/4 Sec. 19, T6S, R64W, 6TH P.M
39.514816, -104.602009**

Overview and Operator's Detailed Emergency Response Plan

Each Operator will have a functioning emergency response plan that provides for the effective management of situations that may arise from Oil and Gas Operations. All existing and proposed Oil and Gas Locations will have an emergency response plan in place that has been coordinated with, and approved by, the local emergency response agency. The plan may be Oil and Gas Locations within a Field or geographical area so long as the emergency response agency agrees.

After the initial emergency response plan has been coordinated with, reviewed by, and approved by the local emergency response agency, the emergency response plan will then be reviewed and updated at intervals designated by the local emergency response agency.

After approval of Transfer of Operatorship, the purchasing operator will coordinate with the local emergency response agency to update the emergency response plan as appropriate. Elbert County's Office of Emergency Management have been, or will be, provided a copy of Operator's (Operator) field wide Emergency Response Plan (ERP), which details how Operator personnel will respond in the event of an emergency.

This document is provided as Appendix C.5 to the Field wide ERP and provides site specific information for the Cinnamon 6-54 19-7 PAD location to complement the field wide ERP. The information in this document relates specifically to the time during the construction, drilling, and completion of the 10 proposed wells on this location.

Once production operations start and all completion equipment has been removed from this location, any emergency at the location will be responded to according to Operator's field wide ERP.

All emergency calls should first be made to 911, and then followed up to the appropriate contacts listed later in this facility specific emergency response plan.

Cinnamon 6-54 19-7 PAD Location Specifics

Location Overview

The Cinnamon 6-54 19-7 PAD access is located approximately 3,000 feet North and 1,000 feet East the intersection of Elbert County Road 178 and Elbert County Road 13.

Transportation Routes

The main access road will begin at the intersection of Elbert County Road 178 and Elbert County Road 13 and extend approximately 3,297 feet Northeast to the drilling pad location.

Location Equipment

The Cinnamon 6-54 19-7 PAD location is designed to contain 10 wells, 10 oil / condensate tanks, 4 water tanks, modular large volume tanks and temporary storage of water, acid and flowback fluid during drilling/completion, 2 separators, 3 gas compressors, electric motors, 1 LACT unit, 2 vapor recovery units, 1 electric generator, and one transformer.

Schools and Other High Occupancy Buildings (HOBUs)

There are no schools and Child Care Facility's or other high occupancy buildings within one mile from this location.

Nearby Residents

There are four residences with one-half mile of the location, and several residences are located within one mile north of this location.

- The closest residents are located approximately 0.41 miles North (39°31'17.33"N, 104°36'12.29"W)
- See Attachment A (Cultural Features Map) for closest residential building locations.
-

Contact Information

Operator Personnel

For any emergency related incident, First Responders or Elbert County's Office of Emergency Response should contact the following personnel:

Contact	Phone
BJ Cox, Production Superintendent	307-354-8895
Dennis Snow, VP Operations, Health, Safety and Environmental (EHS) Manager	303-503-2190
Operator's 24-Hour Emergency Response Number (24/7)	866-868-3028
Operator's Community Response Number (24/7)	844-571-3119

Here is a list of the key information needed for notifications.

- a) Location or facility and call back phone number.
- b) Type of emergency.
- c) Time of discovery.
- d) Magnitude of emergency (size of fire or spill, number of people involved, injuries, other properties or companies are involved).
- e) What you have done prior to making notification.
- f) What external outside notifications have been made.
- g) Recommended next steps for the response.
- h) Weather conditions.
- i) What assistance you need.
- j) When you will call back with a subsequent report.

First Responders

The following First Responders and Emergency Management Offices will be contacted in the case of an emergency at the Cinnamon 6-64 19-7 PAD:

Contact	Phone
Police/Fire/EMS	911
National Response Center	800-424-8802
Elbert County Sheriff	303-621-2027
Elbert Fire Protection District	303-648-3000
Elbert County Office of Emergency Management	706-283-1411

A copy of this information will be kept onsite so personnel will quickly know who to contact in the event of an emergency.

Government Agencies

For the Cinnamon 6-64 19-7 PAD the following state government agencies and local contacts will be contacted in the event of an emergency:

Contact	Phone
Colorado Oil & Gas Conservation Commission (COGCC)	303-894-2100
Colorado Department of Public Health and Environment (CDPHE)	877-518-5608
Elbert County Local Government Designee (Greg Thompson)	(720) 595-3608

Nearest Hospitals with Emergency Rooms

The Cinnamon 6-64 19-7 PAD has the following nearby hospitals with emergency rooms that will be utilized in the event of an emergency:

Contact	Map
<p>UC Health University of Colorado Hospital (UCH)</p> <p>12605 E 16th Ave Aurora, Colorado 80045 (720) 848 9111</p> <ul style="list-style-type: none"> Distance from location: 30.6 miles Ground travel time: ~39 minutes Level 1 Trauma Center Burn Unit 	
<p>Sky Ridge South Parker ER</p> <p>12223 Pine Bluffs Way, Parker, CO 801234 (720) 347-6100</p> <ul style="list-style-type: none"> Distance from location: 12.1 miles Ground travel time: ~18 minutes Level II Trauma Center 	

Site Safety Requirements

Personal Protective Equipment

All personnel on location are required to be equipped with appropriate personal protective equipment (PPE) that complies with OSHA requirements for typical oil and gas operations. The minimum PPE to enter the location includes hard hat, safety glasses, safety toe boots, and fire-resistant clothing (FRC). All contractors and visitors are responsible for providing their employees with the appropriate PPE while on location. In addition, all contract personnel entering the location to perform work must understand and abide by Operator's contractor expectations relating to environmental, health and safety requirements.

Additionally, emergency items such as portable explosive, four gas detectors, and a first aid command center will be onsite during the drilling and completion operations.

Daily Safety Meetings

All personnel on location during drilling and completion operations are required to attend daily safety meetings.

Controlled Access

During drilling and completion operations all employees and approved visitors will be required to sign in and provided a safety briefing.

Emergency Muster/Assembly Points

A muster area will be setup on location. Large red signs will identify the location and it will be pointed out during the daily safety meetings.

Location of Emergency Equipment and Supplies

As per Operator's field wide ERP, if an emergency were to occur related to public or worker safety, Operator personnel will immediately contact the Field Supervisor, who will obtain and supply emergency response equipment. Should additional resources be needed, Field Supervisor will contact ECOS at 888- 506-3165 to aid in response.

Emergency response services include identification of involved petroleum, analysis of environmental fate, determination of safe levels in air, water, soil, or other media, education of local health providers regarding the involved substances, and general incident management.

Spills

All spills will be reported to the COGCC, and Elbert County as required per COGCC rules, and immediately cleaned up per Operator's field wide ERP.

Coordination with First Responders and Office of Emergency Management

Upon request, Operator's EH&S staff will meet with the personnel from any first responders listed above and the Office of Emergency Management prior to commencing operations on the location. The purpose of the meeting would be to review Operator's emergency response plan, tour the location, and discuss planned facilities. First responders and the Office of Emergency Management personnel should contact Operator's Safety Supervisor, BJ Cox at 307-354-8895 to set up this onsite meeting.

Plan Attachment:

Cultural Features Map_____



APPENDIX C.6 TO FIELD WIDE EMERGENCY RESPONSE PLAN FOR RAGGED 6-64 4 PAD

**Elbert County
Facility Specific Emergency Response Plan
NE ¼ NE ¼ Sec. 4, T6S, R64W, 6TH P.M
39.562156, -104.551619**

Overview and Operator's Detailed Emergency Response Plan

Elbert County's Office of Emergency Management have been, or will be, provided a copy of Operator's (Operator) field wide Emergency Response Plan (ERP), which details how Operator personnel will respond in the event of an emergency.

This document is provided as Appendix C.6 to the Field wide ERP and provides site specific information for the RAGGED 6-64 4 PAD location to complement the field wide ERP. The information in this document relates specifically to the time during the construction, drilling, and completion of the 20 proposed wells on this location.

Once production operations start and all completion equipment has been removed from this location, any emergency at the location will be responded to according to Operator's field wide ERP.

All emergency calls should first be made to 911, and then followed up to the appropriate contacts listed later in this facility specific emergency response plan.

RAGGED 6-64 4 PAD Location Specifics

Location Overview

The RAGGED 6-64 4 PAD access is located approximately 1,100 feet South and 5,500 feet West the intersection of Elbert County line Road 194 and Elbert County Road 29.

Transportation Routes

The main access road will begin at County Line Road 194 and extend approximately 900 feet South to the drilling pad location.

Location Equipment

The RAGGED 6-64 4 PAD location will include 20 wells, 10 oil tanks, 4 water tanks, modular large volume tanks for temporary storage of water, acid and flowback fluid during drilling/completion 4 separators, 2 gas compressors, electric motors, 1 electric generator, 1 LACT unit, and 1 vapor recovery unit and one transformer.

Schools and Other High Occupancy Buildings

There are no schools or other high occupancy buildings within one mile from this location.

Nearby Residents

There are no residences with one-half mile of the location, and seven residences are located within one mile of this location. The closes residence building is located approximately 2842 feet to the east.

- 1st resident located approximately 0.55 miles E (39°33'37.3"N 104°33'26.0"W)
- 2nd resident located approximately 0.60 miles W (39°33'49.6"N 104°32'46.1"W)
- 3rd resident located approximately 0.85 miles SW (39°33'17.2"N 104°33'53.2"W)
- 4th resident located approximately 0.85miles W (39°33'49.6"N 104°34'05.1"W)
- 5th resident located approximately 0.95 miles SW (39°33'22.9"N 104°34'05.2"W)
- 6th resident located approximately 0.95 miles SW (39°33'08.0"N 104°33'52.4"W)
- 7th resident located approximately 0.95 miles SW (39°33'14.0"N 104°34'00.7"W)

Contact Information

Operator Personnel

For any emergency related incident, First Responders or Elbert County's Office of Emergency Response should contact the following personnel:

Contact	Phone
BJ Cox, Production Superintendent	307-354-8895
Dennis Snow, VP Operations, Health, Safety and Environmental (EHS) Manager	303-503-2190
Operator's 24 Hour Emergency Response Number (24/7)	866-868-3028
Operator's Community Response Number (24/7)	844-571-3119

Here is a list of the key information needed for notifications.

- a) Location or facility and call back phone number.
- b) Type of emergency.
- c) Time of discovery.
- d) Magnitude of emergency (size of fire or spill, number of people involved, injuries, other properties or companies are involved).
- e) What you have done prior to making notification.
- f) What external outside notifications have been made.

- g) Recommended next steps for the response.
- h) Weather conditions.
- i) What assistance you need.
- j) When you will call back with a subsequent report.

First Responders

The following First Responders and Emergency Management Offices will be contacted in the case of an emergency at the RAGGED 6-64 4 PAD:

Contact	Phone
Police/Fire/EMS	911
National Response Center	800-424-8802
Elbert County Sheriff	303-621-2027
Elbert Fire Protection District	303-648-3000
Elbert County Office of Emergency Management	706-283-1411

A copy of this information will be kept onsite so personnel will quickly know who to contact in the event of an emergency.

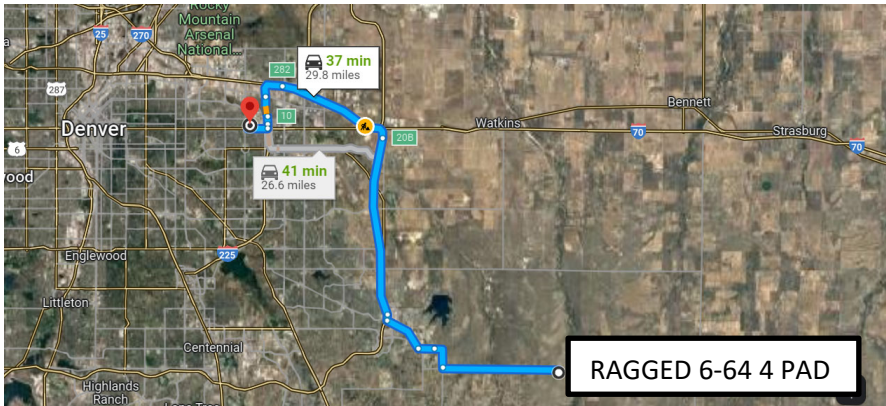
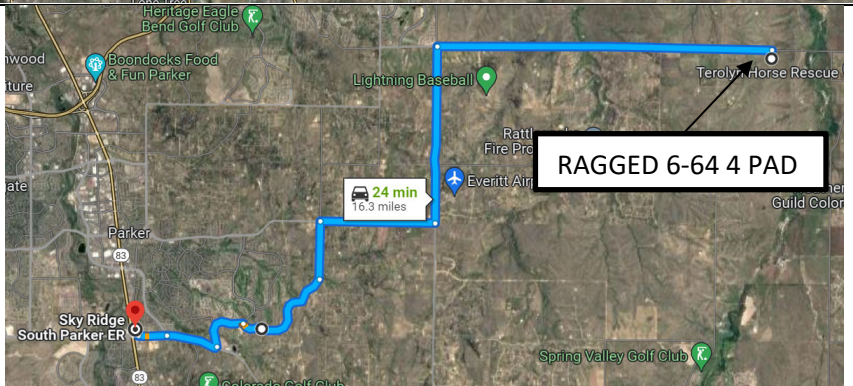
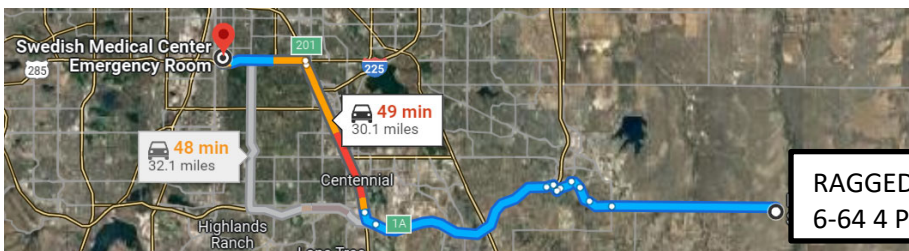
Government Agencies

For the RAGGED 6-64 4 PAD the following state government agencies and local contacts will be contacted in the event of an emergency:

Contact	Phone
Colorado Oil & Gas Conservation Commission (COGCC)	303-894-2100
Colorado Department of Public Health and Environment (CDPHE)	877-518-5608

Nearest Hospitals with Emergency Rooms

The RAGGED 6-64 4 PAD has the following nearby hospitals with emergency rooms that will be utilized in the event of an emergency:

Contact	Map
<p>UC Health University of Colorado Hospital (UCH)</p> <p>12605 E 16th Ave Aurora, Colorado 80045 (720) 848 9111</p> <ul style="list-style-type: none"> Distance from location: 29.8 miles Ground travel time: ~37 minutes Level 1 Trauma Center Burn Unit 	
<p>Sky Ridge South Parker Emergency Room</p> <p>12223 Pine Bluffs Way, Parker, CO 801234 (720) 347-6100</p> <ul style="list-style-type: none"> Distance from location: 16.3 miles Ground travel time: ~24 minutes Level II Trauma Center 	
<p>Swedish Medical Center Emergency Room</p> <p>501 E Hampden Ave, Englewood, CO 80113 1(303)788-5000</p> <ul style="list-style-type: none"> Distance from location: 30.1 miles Ground travel time: ~48 minutes 	

Site Safety Requirements

Personal Protective Equipment

All personnel on location are required to be equipped with appropriate personal protective equipment (PPE) that complies with OSHA requirements for typical oil and gas operations. The minimum PPE to enter the location includes hard hat, safety glasses, safety toe boots, and fire resistant clothing (FRC). All contractors and visitors are responsible for providing their employees with the appropriate PPE while on location. In addition, all contract personnel entering the location to perform work must understand and abide by Operator's contractor expectations relating to environmental, health and safety requirements.

Additionally, emergency items such as portable explosive, four gas detectors, and a first aid command center will be onsite during the drilling and completion operations.

Daily Safety Meetings

All personnel on location during drilling and completion operations are required to attend daily safety meetings.

Controlled Access

During drilling and completion operations all employees and approved visitors will be required to sign in and provided a safety briefing.

Emergency Muster/Assembly Points

A muster area will be setup on location. Large red signs will identify the location and it will be pointed out during the daily safety meetings.

Location of Emergency Equipment and Supplies

As per Operator's field wide ERP, if an emergency were to occur related to public or worker safety, Operator personnel will immediately contact the Field Supervisor, who will obtain and supply emergency response equipment. Should additional resources be needed, Field Supervisor will contact ECOS at 888- 506-3165 to aid in response.

Emergency response services include identification of involved petroleum, analysis of environmental fate, determination of safe levels in air, water, soil, or other media, education of local health providers regarding the involved substances, and general incident management.

Spills

All spills will be reported to the COGCC and Elbert County as required per COGCC rules, and immediately cleaned up per Operator's field wide ERP.

Coordination with First Responders and Office of Emergency Management

Upon request, Operator's EH&S staff will meet with the personnel from any first responders listed above and the Office of Emergency Management prior to commencing operations on the location. The purpose of the meeting would be to review Operator's emergency response plan, tour the location, and discuss planned facilities. First responders and the Office of Emergency Management personnel should contact Operator's Safety Supervisor, BJ Cox at 307-354-8895 to set up this onsite meeting.