

Site Safety and Emergency Action Plan



CIVITAS

NORTH LLC

District Office
650 Southgate Drive
Windsor, CO 80550

Wade 8-59 17 Location

Weld County, Colorado

Address 54308 CR 390

Proposed Spud Date: 4th Quarter 2023

The following Site Safety Plan Approved By:

By: _____ Date: _____

Fire District: _____ Title: _____

David
Burns

Digitally signed
by David Burns
Date: 2023.02.13
14:26:22 -07'00'

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SECTION 1
SITE SPECIFIC INFORMATION

Civitas North, LLC			
Name	Signature	Title	Date
Danny Knutson	<i>Danny Knutson</i>	Safety Manager	
Fire District			
Name	Signature	Title	Date

SECTION 2
SITE SPECIFIC INFORMATION

a) Site Safety Requirements and General Information

The minimum personal protective equipment (PPE) to enter any Civitas North, LLC production location includes hard hat, safety glasses, safety toe boots, fire resistant clothing (FRC), and a 4-gas monitor. All contractors and visitors are responsible for providing their employees with the appropriate training on and use of PPE while on Civitas North, LLC locations. In addition, all contract personnel entering an Civitas North, LLC location to perform work must understand and abide by Civitas North, LLC's contractor expectations relating to environmental, health, and safety requirements.

The primary hazards that any person must be aware of while on a Civitas North, LLC production location include, but are not limited to, the potential for release of hydrocarbon gases and/or liquids from production equipment/tanks, heavy truck and equipment traffic, loud noise, high pressures, and the potential for a flash fire. These hazards can vary depending on the work being performed.

b) Emergency Muster/Assembly point(s)

Wade 8-59 17- SESW Sec 17 T8N R59W: Emergency muster point is approximately 550' West of pad along access road.

c) 911 Address and GPS coordinates

API# – Pending COGCC Permit Approval

Legal Description – SESW of Section 17, Township 8 North, Range 59 West

Address - 54308 CR 390

Directions: From the intersection of HWY 14 and CR 390 head North on CR 390 for 300 feet and turn East onto the access for the Castor 8-59 17 pad. Head North past the location and continue to the proposed Wade 8-59 17 pad and facility.

Town, CO Zip – Weld County, Colorado

Lat/Long: Lat: 40.655880°N Long: -104.003265°W

d) Site description

The **Wade 8-59 17- SESW Sec 17 T8N R59W:** Pad is a Civitas North, LLC oil and gas production facility that will have seven (7) horizontal oil and gas wells along with four (4) 750 barrel crude oil storage tanks and two (2) 750 barrel produced water tanks located inside a lined secondary containment structure.

e) **Nearby schools and other High Occupancy Buildings**

None within 2500' of location.

f) **Directions to Project Locations**

Wade 8-59 17- SESW Sec 17 T8N R59W

From the intersection of HWY 14 and CR 390 head North on CR 390 for 300 feet and turn East onto the access for the Castor 8-59 17 pad. Head North past the location and continue to the proposed Wade 8-59 17 pad and facility.

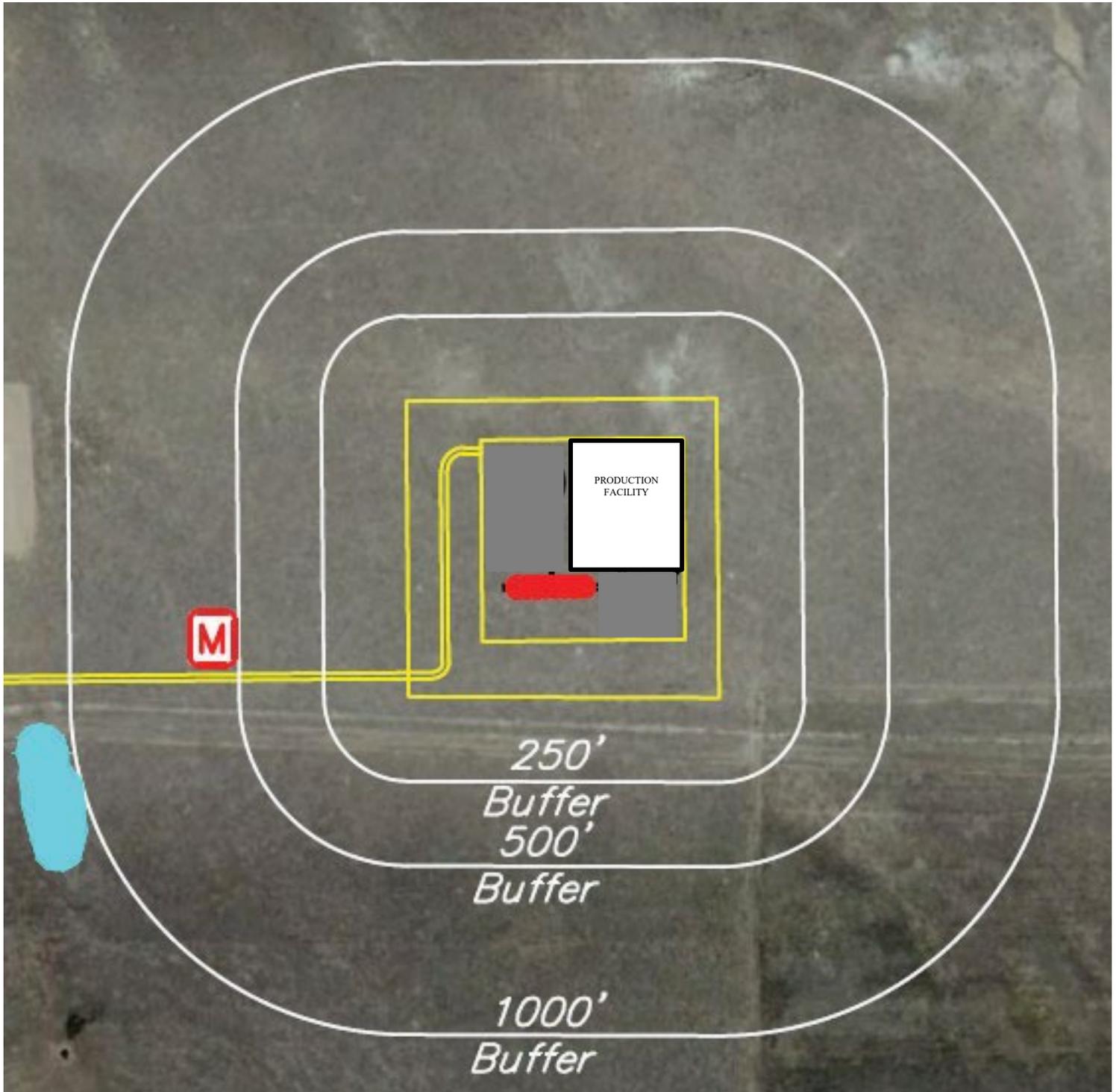
g) **Location of SDS sheets, Sign-In Sheets, JSAs, and Safety Forms**

Depending on the operations taking place on location, the chemicals that may be present will vary. Regardless, hazard communication is a critical safety measure and Safety Data Sheets (SDS's) will be available from the Company Representative present or the contractor performing work on location.

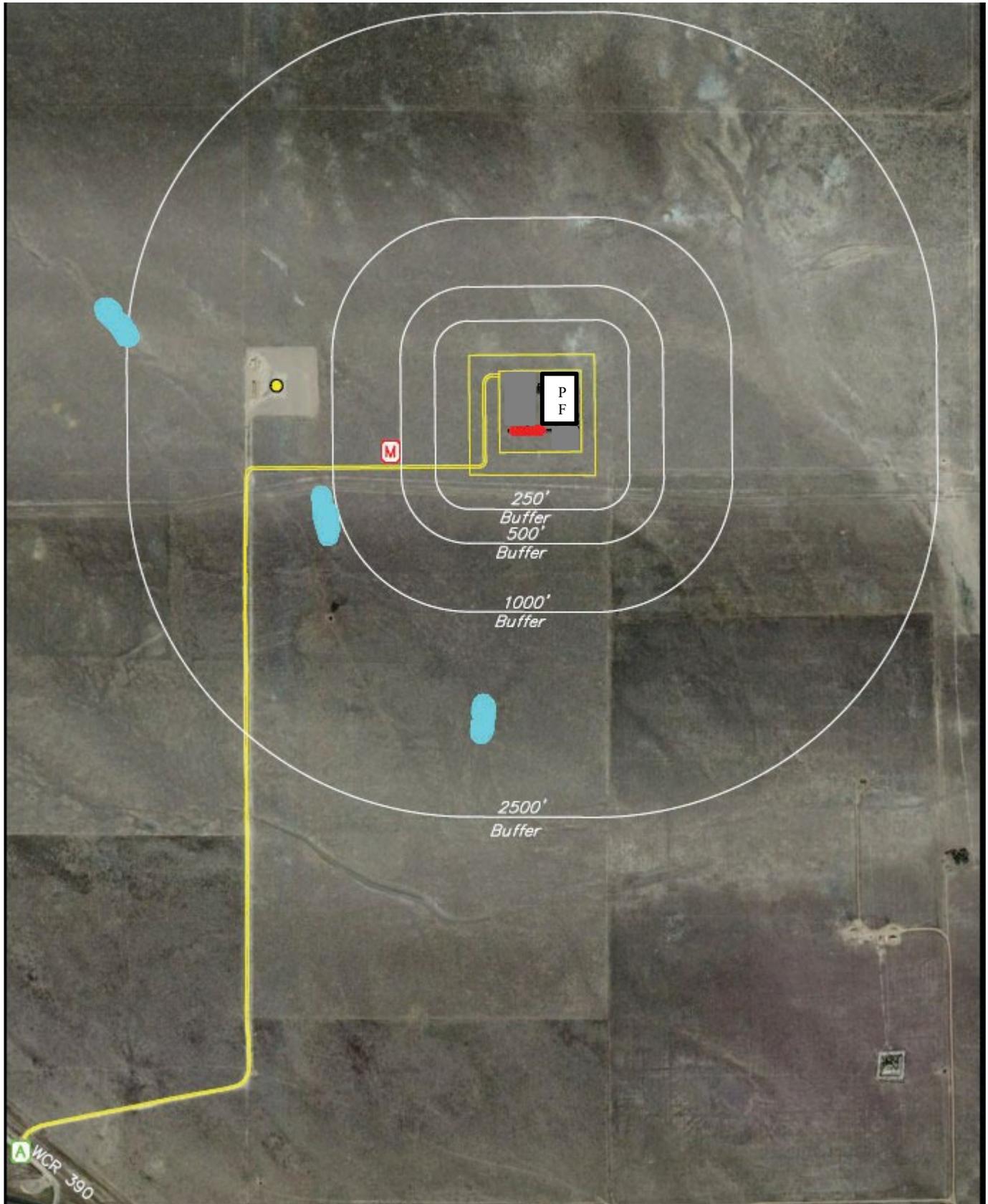
During drilling and completion activities all employees and approved visitors to the **Wade 8-59 17- SESW Sec 17 T8N R59W** will be required to enter through a manned security checkpoint at the location entrance where they will be required to sign in and will be provided with a detailed safety briefing of current operations and all safety precautions that must be adhered to while on location. In addition, all who enter the location must also sign out upon their departure. Security personnel are required to account for all persons entering or leaving location during active operations and in the event of an incident.

Once drilling and completion activities are finalized, the site will transition to its production phase and no unauthorized personnel will be allowed on location without first contacting a company representative. At this point, the primary chemicals stored on site will be crude oil and produced water.

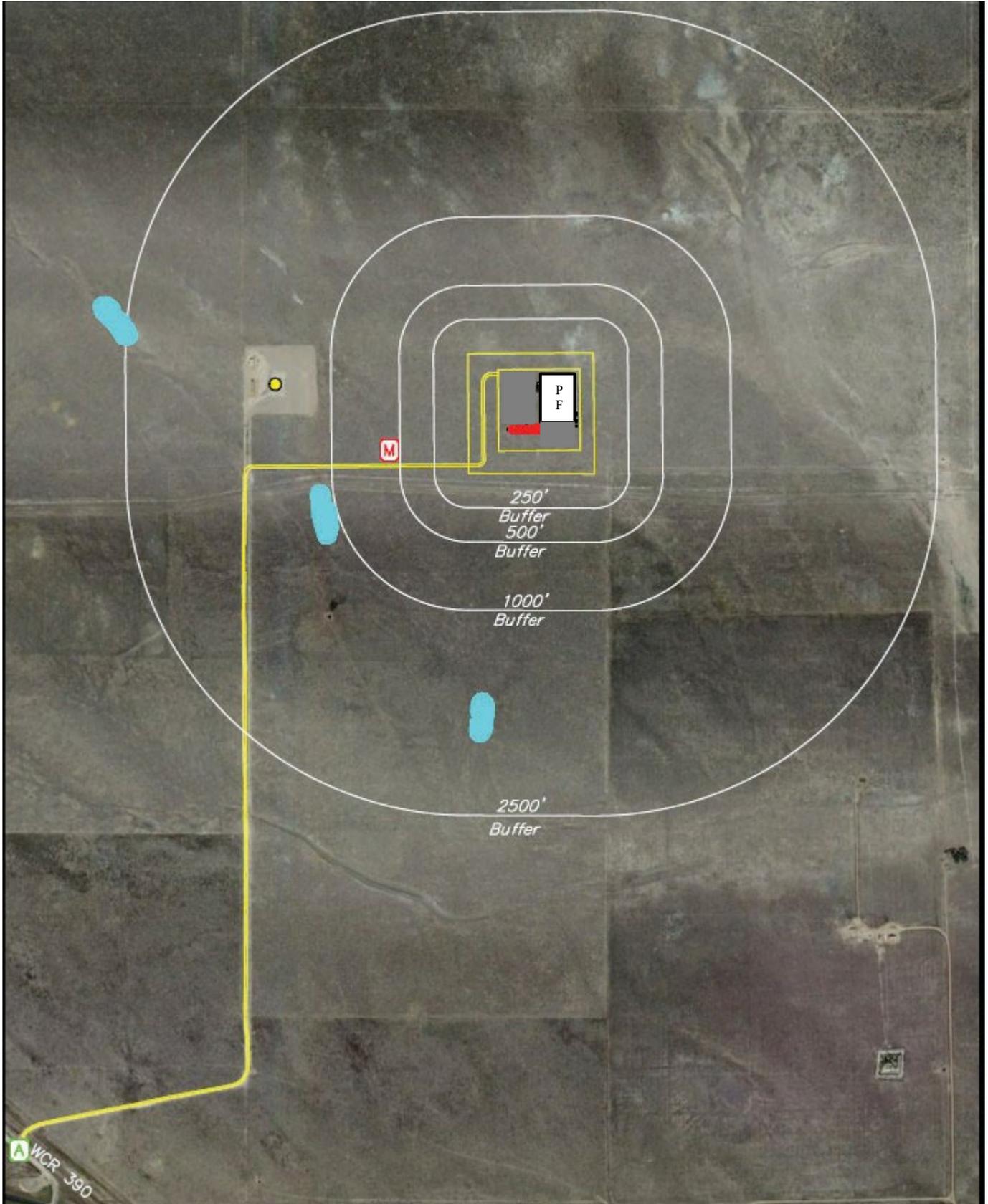
Section 3
Project Area Map
250', 500', 1,000' Buffer



Project Location Access Map and Muster Point



2500 Foot Buffer Area Map



Section 4
List of Emergency Contacts

a) Civitas North, LLC

Name	Office Phone	Emergency/Cell
Corporate Office 555 17th St Suite 3700 Denver, CO 80202	303-293-9100	303-659-7740
Field Office 650 Southgate Drive Windsor, CO 80550	303-294-7800	303-659-7740
EHS on call emergency number	NA	303-481-2844
EHS Director- Bryan Mickiewicz	NA	720-539-9978
EHS Safety- Danny Knutson	NA	970-309-7510
EHS Environmental- Luke Kelly	303-294-7831	720-315-8934

b) Civitas North, LLC community/media relations

Name	Office	Cell Phone
Brian Cain	303-312-8518	281-825-2010
Ashley Campbell	303-312-8567	303-746-9287

c) First Responders

Name	Emergency	Office Number
Raymer-Stonehame Fire Protection District	911	970-356-4015
Briggsdale Fire Protection District	911	970-656-3503
Weld County Sheriff	911	970-356-4015
Colorado State Highway Patrol	911	970-506-4999

d) Regulator Contacts

Name	Office Phone	Cell Phone
COGCC	303-894-2100	none
CDPHE	877-518-5608	none
Colorado Parks & Wildlife	303-291-7227	none
National Response Center	800-424-8802	

e) Medical Facilities

Name	Office Phone	Cell Phone
Northern Colorado Medical Center	970-352-4121	none
Medical Center of the Rockies	970-624-2500	none

f) Spill Response Organization

Name	24/7 Emergency	Non-Emergency
EnviroServe	800-488-0910	NA
CES	800-310-7445	NA

g) Fire, explosion, associated with loss of well control

Name	Office Phone
Raymer-Stonehame Fire Protection District	970-356-4015
Briggsdale Fire Protection District	970-656-3503
Northern Colorado Medical Facility (Burn Unit)	970-810-4121
Weld County Office of Emergency Management	970-356-4000 opt. 4

h) Government Agencies

Name	Office Phone
Weld County Sheriff's Office	911 or 970-356-4015
COGCC	303-894-2100
CDPHE	877-518-5608
Weld County (Jason Maxey, LGD)	970-400-3579

i) Railroad Emergency Response

Name	Office Phone
Union Pacific Railroad	888-877-7267

Section 5

Spill Response and Clean Up

a) Spill Response

There are multiple types of hydrocarbons which can be released/spilled during oil and gas production and exploration. Most commonly released are unrefined products such as crude oil and produced water. Refined petroleum products such as diesel, gasoline, and motor oil spills are less common, but still equally important to mitigate. If a spill is found reportable, it will be mitigated in accordance with Colorado Oil and Gas Conservation Commission (COGCC) and Colorado Department of Public Health and Environment (CDPHE) guidelines.

Once a release has been identified, it will be immediately stopped and contained if possible and is safe to do so. When containing a spill; pig blankets, snakes, absorbent materials, or earthen berms will be constructed around the release to keep material from spreading. These materials will be provided by Civitas North, LLC and the contract company and kept on-site. Diligent efforts will be made to minimize contact with live vegetation or open water if release is outside of secondary containment structures.

In the event of a large incident requiring outside assistance, Civitas North, LLC has contracted with Silvers Jacobson Crisis Management & PR Strategies, LLC. Silvers Jacobson Crisis Management & PR Strategies, LLC possesses a working knowledge of oil and gas operations, emergency response and Incident Command. Once notified Silvers Jacobson Crisis Management & PR Strategies, LLC personal can be on location with 12 hours.

b) Spill Reporting

What determines a reportable spill and to whom does the report go?

- A spill/release will be reported to the COGCC if released material is property of Civitas North, LLC and meets the COGCC reporting thresholds (see below), an example would be crude oil released from a separator or produced water from a water vault.
- A spill/release will be reported to the Weld County LEPC if released material is property of Civitas North, LLC and meets the COGCC reporting thresholds (see below),
- A spill/release will be reported to the CDPHE if released material is in the custody of a third party for spills that meet CDPHE reporting thresholds, are of any size that impact or threaten to impact waters of the state, a residence or occupied structure, livestock or public byway. An example would be an oil hauler over filling a truck and spills product onto the ground next to a flowing irrigation ditch.

There are three release volume thresholds which determine if a hydrocarbon spill is reportable. These are:

1. If crude oil or produced water is released **INSIDE** secondary containment and volume is greater than **5 barrels**.
2. If crude oil or produced water is **OUTSIDE** secondary containment and volume is greater than
3. **1 barrel**.
4. If more than **25 gallons** of petroleum product such as diesel, gasoline or motor oil is spilled
5. **OUTSIDE** of secondary containment.

Once a spill is determined reportable, there is a 24-hour deadline to make initial notification to the COGCC or CDPHE depending on product ownership. Spills/releases in the custody of Civitas North, LLC will be reported by a Company representative. Spills/releases in the custody of a third party will be reported by the responsible company's EHS Department to the appropriate agency and to Civitas North, LLC.

These regulatory guidelines will be strictly followed by Civitas North, LLC and any contractors operating under Civitas North, LLC guidance during all activities at the **Wade 8-59 17- SESW Sec 17 T8N R59W**.

Section 6

Reportable quantities

a) Reportable quantities

Mandated by Section 312 of the Emergency Planning and Community Right-To-Know Act (EPCRA) – also known as SARA Title III – the Tier II form captures information about the types, quantities, and locations of hazardous chemicals at a given facility. The form also lists contact information for the facility’s designated emergency point-of-contact.

Any facility that is required to maintain MSDSs (or SDSs) under the Occupational Safety and Health Administration (OSHA) regulations for hazardous chemicals stored or used in the work place.

Facilities with chemicals in quantities that equal or exceed the lists of lists thresholds must report.

- Propane, benzene, propene and methane are on the lists of lists and are known to be in crude oil. In addition, diesel is on the lists of lists and may be stored on sites during construction.

b. Reportable requirements

If your facility will meet the requirements under 40 CFR, you must submit your Tier II report to the state every year before March 1st.

These regulatory guidelines will be strictly followed by Civitas North, LLC and any contractors operating under Civitas North, LLC guidance during all activities at the Wade 8-59 17- SESW Sec 17 T8N R59W.

Section 7
Evacuation Information

a. Evacuation Plan Procedures (public)

The procedure to be used in alerting nearby persons in the event of any occurrence that could pose a threat to life or property will be arranged and completed with public officials in detail.

In the event of an actual emergency, the following steps will be immediately taken:

1. The Civitas North, LLC representative will immediately notify proper authorities, including the sheriff's office, highway patrol, and any other public officials as described above and will enlist their assistance in warning residents and transients in the calculated radius of exposure.
2. The Civitas North, LLC will coordinate with local authorities to warn residents' down-wind of the location and within radius of exposure from the well site. Additional evacuation zones may be necessary as the situation warrants.
3. The Civitas North, LLC representative will coordinate with appropriate emergency personnel to divert traffic in the vicinity away from the potentially dangerous area. No trespassing and warning signs will be posted at the entrance to the well site. The contract company will monitor essential and non-essential traffic on-site.
4. General:
 - a. The area included within the radius of exposure is considered to be the zone with the maximum potential hazard. When it is determined that conditions exist which create an additional area (beyond the initial zone of maximum potential hazard) vulnerable to possible hazard, public areas in the additional hazardous area will be evacuated.
 - b. In the event of a disaster, after the public areas have been evacuated and traffic stopped, it is expected that local civil authorities will have arrived and within a few hours will have assumed direction of and control of the public, including all public areas. Civitas North, LLC will cooperate with these authorities to the fullest extent and will exert every effort by careful advice to such authorities to prevent panic or rumors.
 - c. Civitas North, LLC will dispatch appropriate personnel to the disaster site as soon as possible. The company's personnel will cooperate with and provide such information to civil authorities as they might require.

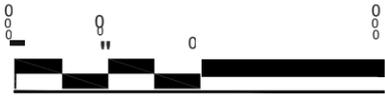
Section 8

Coordination with First Responder Agencies

- a) Civitas North, LLC will communicate site construction, drill spud, completion operations and Production Turn-In-Line dates to the Weld County Office of Emergency Management for coordination/communication with local first responders. These start dates will be provided a minimum of 7 business days prior to commencement or change in oil and gas development operations.
- b) In the event of an emergency requiring First Responders, Unified Command will be established between the Civitas North, LLC appointed company man on location and First Responders present. Unified Command post will be established based on conditions present at time of incident.
- c) Civitas North, LLC is an active member of the Colorado Preparedness Response Network and utilizes this relationship to help support coordination with First Responders. In particular, Civitas North, LLC can utilize the CPRN to help obtain firefighting foam during an incident if needed.
- d) Civitas North, LLC EHS representative and first responders identified in this Site Safety and Emergency Action Plan have reviewed this plan and discussed coordination efforts in the event of an emergency situation requiring first responder assistance.

Pad Location Lat: 40.655880° Long: -104.003265°	Access Location A Lat: 40.641803° Long: -104.016374°
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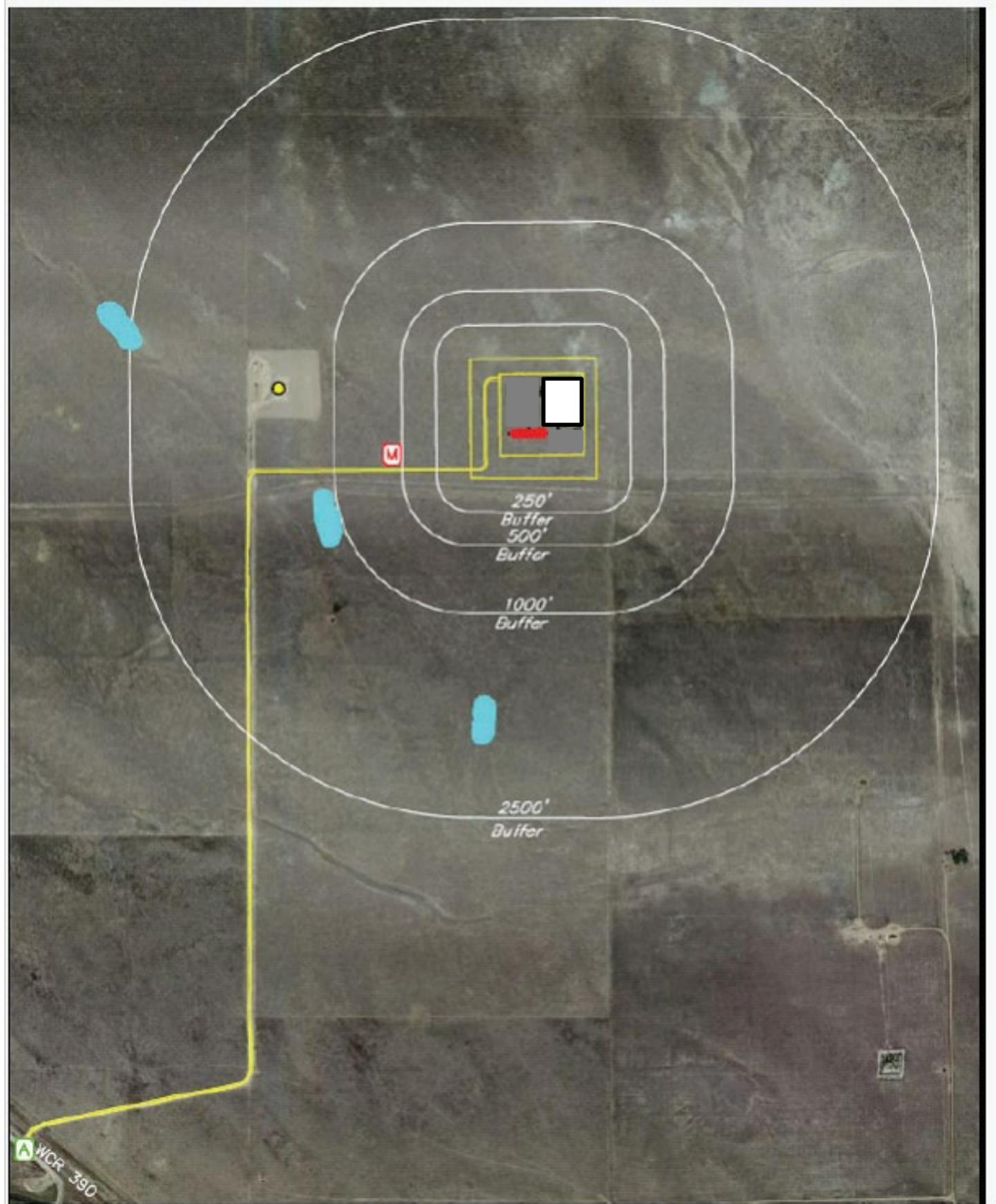
Address: 54308 CR 390

NOTIFICATIONS:

- Civitas North, LLC 24 Hour Emergency
Response Number: 303-659-7740
Weld County Regional Communication Center
Dispatch: 970-350-9600 Emergency: 911
- Raymer-Stoneham Fire Protection District: 970-437-5713
EPA Region VIII: 303-312-6312
Weld County OEM 970-304-6540

CRITICAL RECEPTORS:

- Surrounding Water Body



- Wade 8-59 17 Site
- Wellheads
- A Site Access
- M Muster Location
- Water Body
- Production Facility

CIVITAS NORTH

WADE 8-5917 PAD
SE 1/4 SW 1/4, SECTION 17, T8N, R59W, 6th P.M.
WELD COUNTY, COLORADO

SURVEYED BY	MATTHEW MILLER, O.R.	12-09-20	SCALE
DRAWN BY	CIVIE	12-22-20	1" = 1000'

EMERGENCY ACTION PLAN (1041 WOGLA)

FIRE DEPARTMENT RESPONSE GUIDELINES

COMMAND

- Establish initial command post near the oil & gas location entrance.
- Position should provide a clear view of the entire scene
- Advise responding units and resources to stage near location entrance.
- Locate operator lease sign on location (located at the entrance /site access)
- If industry personnel are not on location, call the 24-Hour Emergency Contact number located on the sign.
- Establish unified command with operator on-site liaison
- Develop incident action plan with the operator to mitigate incident
- **Strategy - *Always defensive unless a life safety need is identified!***

INCIDENT STABILIZATION

- Implement Hazardous Materials response protocols
- All personnel operating in hazard zones should be in appropriate PPE, to include a personal mobile air monitoring device
- Establish Hot, Warm, Cold Zones, and ERG zones
- Exposure Concerns --- Equipment, nearby structures, neighborhoods, roadways, etc.
- Monitor weather conditions, especially wind direction
- Air monitoring for vulnerable areas and locations around incident.
- Conduct evacuations of citizens, bystanders, and resources at risk
- Identify and address any water supply and/or foam requirements necessary to mitigate the incident

SPECIAL CONSIDERATIONS

- Consider and address any potential impacts to critical receptors identified near the location
- Consider requiring a fire investigation for any fire and/or explosion

INDUSTRY RESPONSE OBJECTIVES

Ensure safety of the public, first responders, employees, and contractors. Minimize impact to the environment and local community. The following response objectives checklist shall be followed:

SAFETY – PROTECT LIFE

- Evaluate and account for all personnel
- Isolate all potential ignition sources
- Establish site control (safe perimeter and evacuation routes)
- Contact emergency services as needed (911, Fire, LEPC)
- Identify hazard(s) of emitted material (obtain SDS)
- Monitor air around impacted area
- Continually assess site hazards/risks

RESPONSE – INCIDENT STABILIZATION

- Notify internal personnel and agencies
- Establish command post and field communications
- Identify and establish staging areas to support response operations
- Activate response tactics to control fluids
- Activate response company for equipment and manpower as needed
- Implement waste handling, disposal and decontamination procedures as needed
- Assign on-site liaison to the incident commander
- Establish Air Traffic restriction if required

ENVIRONMENTAL – PROTECT THE ENVIRONMENT

- Identify, prioritize, and protect sensitive areas
- Implement recovery efforts of fluids
- Verify if water has been impacted
- Notify appropriate agencies

FACILITY INFORMATION

Well Pad Liquid Storage:

- Oil (BBL) – 3,000 BBL
- Water (BBL) – 1,500 BBL
- *1 Barrel (BBL) = 42 Gallons

Specific Facility Hazardous Conditions:

- Stage of Facility (Drilling)

Is Water Supply Available on Location? No

Nearest Foam Resources:

1. Greeley Fire
2. Weld County Airport

