

SITE SAFETY AND EMERGENCY ACTION PLAN

Verdad Resources LLC



VERDAD
RESOURCES

1125 17th Street, Suite 550

Denver, CO 80202

Fawn 2734-2833

Address: 2001 CR 45

WELD COUNTY, COLORADO

Proposed Spud Date: 3rd Quarter

2023

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SECTION 1 – APPROVAL SIGNATURES

Instructions: Company Representative to sign with concurrence review by local Fire District in alignment with COGCC FORM 2 A and Rule 602. J Emergency Response Plan, Guidance Plan Element 2.

Verdad Resources LLC			
Name	Signature	Title	Date
Heather Mitchell	<i>Heather Mitchell</i>	Regulatory Manager	<i>1/05/2022</i>
Fire District			
Name	Signature	Title	Date
Hudson Fire Protection District			

Weld County Office of Emergency Management

Digitally Signed



SECTION 2 – SITE ADDRESS AND DIRECTIONS

a) Directions:

Beginning at the intersection of Interstate Highway I-76 and Weld County Road 2. Then east on WCR 2 for 3.9 miles to the intersection of WCR 2 and WCR 45. Then turn north (left) on WCR 45 for 2 miles to the beginning of the lease road. Follow lease road west to the second location.

b) Ingress and egress information:

All traffic into and out of Fawn 2734-2833 will check-in and check-out with security. All ingress and egress routes will be clearly identified and kept clear from parked/staged vehicles at all times.

c) Physical Address and GPS coordinates

- **API#** – Pending COGCC Permit Approval
- **Legal Description** – S/2 Sec 22 T1N-R65W 6th PM
- **Address** - 2001 CR 45
- **Town, CO, Zip** – Weld County, Colorado 80642
- **Lat/Long:** Lat: 40.0303245° Long: -104.6511325°

d) Emergency Evacuation/Muster Assembly point(s)

For incidents where remaining in a particular area could pose a hazard to personnel onsite, such as a fire or hazardous material release, evacuation may be required to ensure the safety of onsite personnel. In the event of an emergency, site personnel will initially be evacuated to pre-designated muster assembly points.

- The Muster assembly points are identified on Project Location Access Map and Muster Point(s) in this plan, and noted on the site-specific TRP.
- The Muster assembly points will be identified during all site safety briefings for visitors, employees, and contract personnel.
- **Sign-In Sheets:** During drilling and completion activities all employees and approved visitors to the **Fawn 2734-2833 and S/2 Sec 22 T1N-R65W** will be required to enter through a manned security checkpoint. Upon checking in, employees and visitors will be provided a detailed safety briefing of current operations, all safety precautions that must be adhered to, and the site emergency evacuation plan. In addition, all personnel who enter the location must sign-out upon their departure. Security or Supervisory personnel are required to account for all persons entering or leaving 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.

SECTION 3 – LIST OF EMERGENCY CONTACTS

a) Energy Company

Name	Office Phone	Emergency/Cell
Verdad Resources 1125 17 th St., Suite 550 Denver CO 80202	720-845-6907	1-800-980-2927
Field Office and Address	NA	1-800-980-2927
Energy Company EHS on-call Emergency Number	1-800-980-2927	1-800-980-2927
Superintendent, Randy Jakel	720-845-6912	970-381-7155
Director of Operations, Justin Pivik	720-845-6915	303-653-6457
Director of EHS&R, Mike Cugnetti	720-845-6901	303-704-8856

b) Energy Company Community/Media Relations

Name	Office Phone	Cell Phone
Heather Mitchell	720-845-6917	
Allison Schieber	720-845-6909	

c) First Responders (Fire, EMS, HazMat)

Name	Emergency Number	Non-Emergency Number
*All emergency notifications require notification to 911 first		
Hudson Fire Protection District	911	303-536-0161
Weld County Sheriff	911	970-356-4015
Colorado State Highway Patrol	911	970-506-4999
Hudson Police Department	911	303-536-9311

d) Local, State, and Federal Contacts

Name	Emergency Number	Non-Emergency Number
Weld County Oil and Gas Energy Department	none	970-400-3580
Weld County Office of Emergency Management	911	970-304-6540
COGCC	none	303-894-2100

CDPHE	none	877-518-5608
Colorado Parks & Wildlife	none	303-291-7227
National Response Center	800-424-8802	none

e) **Medical Facilities** (*Nearest locations to site*)

Name	Office Phone
Northern Colorado Medical Center	970-352-4121
Medical Center of the Rockies	970-624-2500
Northern Colorado Medical Facility (Burn Unit)	970-810-4121

f) **Spill Response Organization** (*Contracted*)

Name	24/7 Emergency Number	Non-Emergency Number
Custom Environmental Services, Inc. (CES)	1-800-310-7445	303-423.9949

g) **Loss of Well Control**

Name	24/7 Emergency Number	Non-Emergency Number
Wild Well Control, Inc. (Contracted Well Specialist)		281-353-5481

h) **Railroad Emergency Response** (*if applicable*)

Name	24/7 Emergency Number
BNSF	800-832-5452

i) **Mutual-Aid –**

All mutual-aid coordination within Weld County will be in accordance with the current Weld County Fire Chiefs Association Mutual-Aid Agreement. In addition, due to the size of Weld County and the large number of Fire Departments that make up the Weld County Fire Chiefs Association's, Mutual-Aid may be a mixture of full-time, combination, and volunteer FD resources responding to an incident at **Fawn 2734-2833 and S/2 Sec 22 T1S R65W.**

SECTION – 4 SITE SPECIFIC INFORMATION

a) Site Description

The **Fawn 2734-2833 and S/2 Sec 22 T1S R65W** Pad is an Verdad Resources oil and gas production facility that will have fourteen (14) horizontal oil and gas wells along with Two (2) 400-barrel crude oil storage tanks and eight (8) 400 barrel produced water tanks located inside a lined secondary containment structure.

As part of the Weld County 1041 WOGLA permit process, the following sections of County Code address site layout, site drawings, and identify any sensitive areas and discuss any mitigation measures needed.

- Sec. 21-5-312 – Comprehensive Development Plans (CDPs)
- Section 21-5-320 – Application requirements for 1041 WOGLA Permit

b) Nearby Schools, High Occupancy Buildings, Waterways

- Schools - None within 2500' of location.
- High Occupancy Buildings - None within 2500' of location.
- Waterways - Approximately 70' from location to the Northeast is the Denver Hudson Canal

c) Site Safety Requirements and General Safety Information

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

The primary hazards that any person must be aware of while on an Verdad Resources 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.

d) Safety Data Sheets (SDS)

- **SDS:** Depending on the operations taking place on location, chemicals stored on-site may vary. In accordance with 49 CFR 1910.1200, Safety Data Sheets (SDS) will be made available for site personnel performing work and for first responders in a centralized location onsite.

e) **Equipment List**

Item Description	Quantity
Horizontal oil and gas wells	14
400-barrel crude oil storage tank	2
400-barrel produced water	8
VRUs	4
Heater Treater	2
Instrument Air Compressor	1
LP Test Units	2
HP Bulk Units	2
Surge Vessels	2
LACT Units	3
ECD	1

f) **Chemicals stored on-site (BBLs and Gallons)**

Operations	Chemicals	Volume	Units
Drilling			
	Calcium Chloride Powder		
	Claytone II	50 lbs/each	64
	Dynafiber	25 lbs/bags	45
	GSX-509-08	50 lbs/bags	80
	Ice Melt	50 lbs/bags	30
	Lime (Hydrated)	50 lbs/bags	500
	Newcarb F 325	50 lbs/bags	50
	Newwate	100 lbs/fbg	480
	Oil Dry	25 lbs/bags	40
	Opti Drill	Bbl	1
	Optivert	55 gal/drm	12
	Rigwash	55 gal/drm	1
	Terocoat	55 gal/drm	8
	VP-Plus	275 gal	4
	VP-Wet	55 gal/drm	4

Completions			
	HYDROCHLORIC ACID	8000 Gal	
	FRICTION REDUCER	7000 Gal	
	CLAY STABILIZER	6200 Gal	
	SURFACTANT	6200 Gal	
	SODIUM HYPOCHLORITE	8000 Gal	
	BIOCIDE	6200 Gal	
Coil			
	Diesel Storage Tanks	2700 Gal	Tanks
	Drillout Water (Biocide/PR/lube)	1250 Bbl	
	Pipe on Pipe Lube	990 Gal	3 totes
	Blue Dye	10 Gal	5 buckets
	Gel	10 Gal	5 buckets
	Foamer	10 Gal	5 buckets
	Dry Friction Reducer	2 pallets	70 bags (55#)
	Liquid Friction Reducer	330 Gal	1 tote
	Dry Biocide	105 bags	3 buckets
Flowback			
	None		
Production			
	Oil	400 bbls	2 Tanks
	Water	400 bbls	8 Tanks

SECTION 5 – MAPS AND DRAWINGS

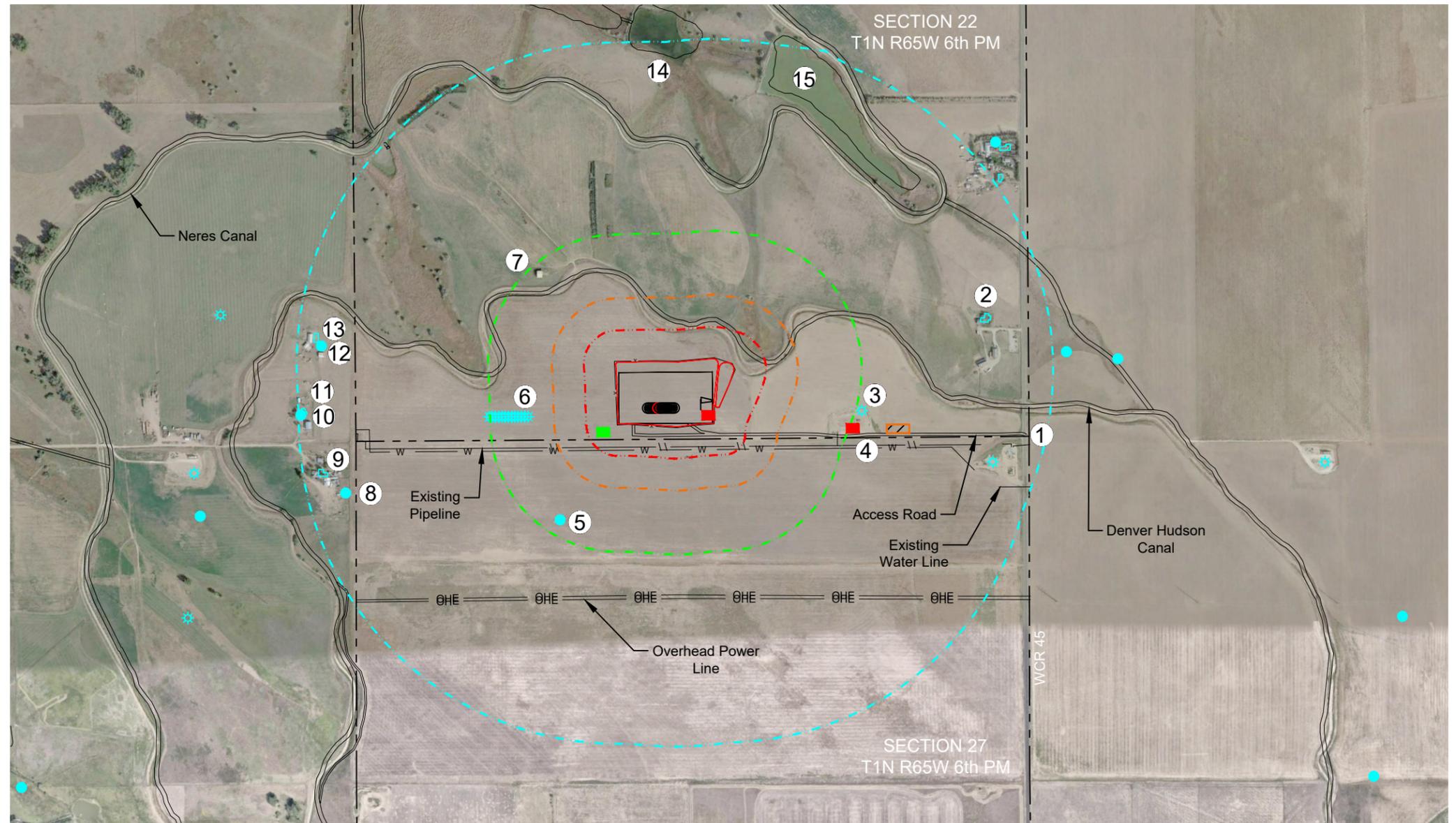
- i.) **Project Area Map - 250', 500', 1,000' Buffer**

NOTIFICATIONS

- Verdad 24-Hour Hotline
800-980-2927
- National Response Center
800-424-8802
- Colorado Department of Natural Resources
303-866-3311
- EPA Region VIII
303-312-6312
- Weld County Communications
911
- Weld County OEM
970-350-9600
- Colorado Oil and Gas Conservation Commission
303-894-2100
- Colorado Department of Public Health and Environment
877-518-5608
- Hudson Fire Protection District
303-536-0161

CRITICAL RECEPTORS

- | | |
|-------------------|-----------------------|
| 1. Entrance | 2. Residence |
| 3. Oil & Gas Well | 4. Tanks |
| 5. Water Well | 6. Oil and Gas Wells |
| 7. Building/Shed | 8. Water Well |
| 9. Residence | 10. Water Well |
| 11. Residence | 12. Water Well |
| 13. Residence | 14. Sequine Reservoir |
| 15. Pond | |



SCALE: 1" = 1000'
0' 500' 1000'



VERDAD RESOURCES
FAWN 2734
FAWN 2833

FIELD	05/06/2021	DRAFT	SW
REV 1	11/09/2021	CHECK	ZAK
SHEET :	1 OF 1	JOB:	141441

NOTES

This tactical response plan is a reference tool and is intended to provide guidance during an actual event or exercise. Placement of resources may need to be adjusted according to the environmental variables. It is the responsibility of the emergency response personnel to be trained in response and to be able to make adjustments to the report as needed. Publicly available data sources have been independently verified by Topographic Land Surveyors.

RESPONSE OBJECTIVES

Ensure safety of the public, first responders, Verdad employees, and contractors. Minimize the impact to the environment and local community. Contain and recover released products to the extent possible.

LEGEND

- STAGING AREA
- MUSTER POINT
- PROPOSED TANK BATTERY
- PROPOSED DISTURBANCE AREA
- 250' HOT ZONE
- 500' WARM ZONE
- 1000' COLD ZONE
- 2500' ERG ZONE
- EXISTING PIPELINE
- SECTION LINE
- FENCE LINE
- WATER WELLS
- PROPOSED WELLS
- EXISTING WELLS
- WINDSOCK

TACTICAL RESPONSE PLAN
S/2, SECTION 22 T1N R65W 6TH PM
WELD COUNTY, COLORADO

ii.) Project Location Access Map and Muster Point

DRIVING DIRECTIONS:

FROM THE INTERSECTION OF INTERSTATE HIGHWAY 76 AND COUNTY ROAD 2, EAST ON COUNTY ROAD 2 FOR 3.9 MILES (CROSSING BEEBE SEEP CANAL AT 0.3 MILES, E. BURLINGTON DITCH AT 0.9 MILES, E. BURLINGTON DITCH AT 1.2 MILES, DRAINAGE AREA AT 1.4 MILES, E. BURLINGTON DITCH AT 1.5 MILES, NERES CANAL AT 1.7 MILES, DENVER HUDSON CANAL AT 2.2 MILES,) THEN NORTH ON CR 45 FOR 2.0 MILES

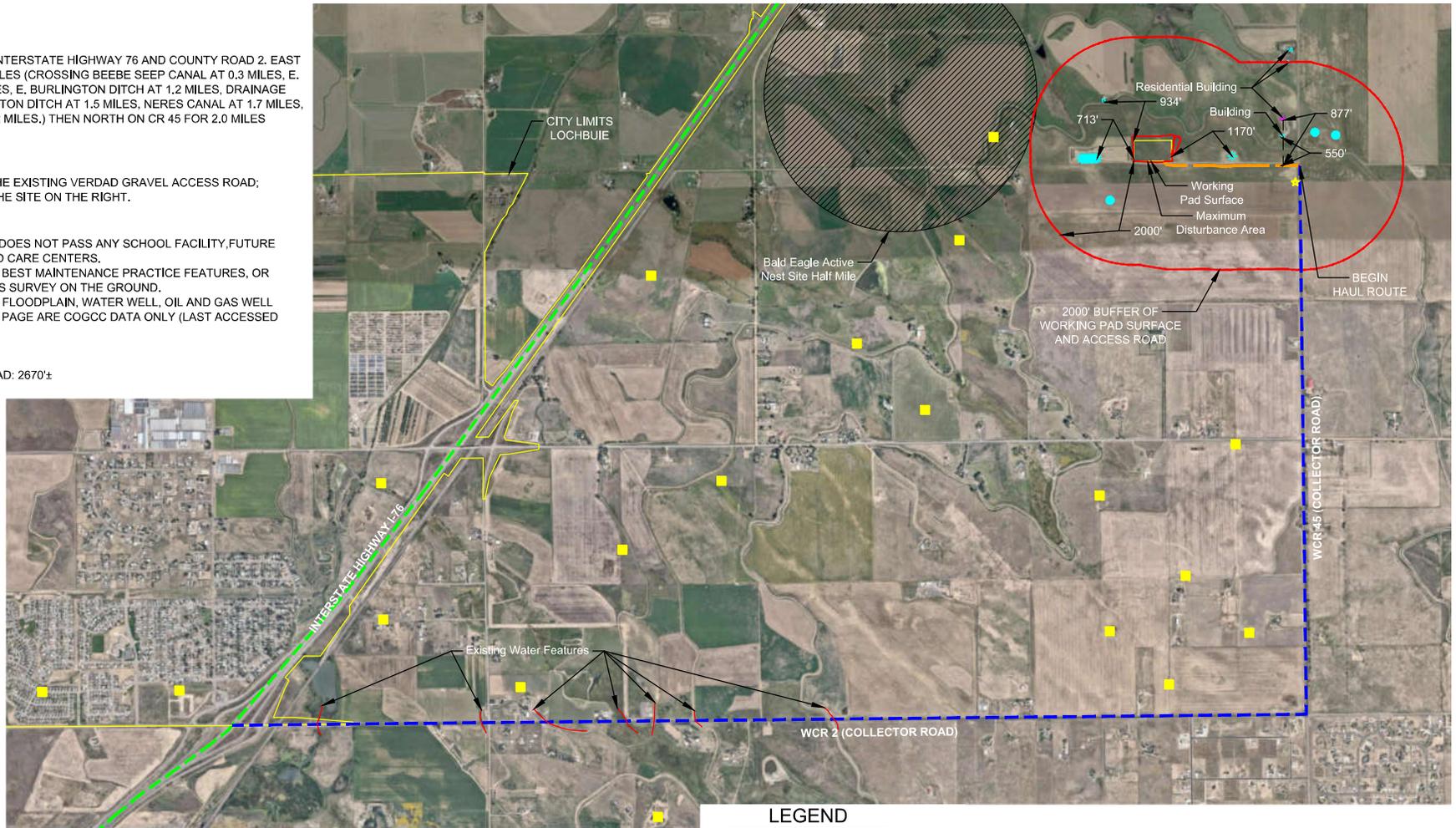
BEGIN HAUL ROUTE:

THEN TURN WEST (LEFT) ON THE EXISTING VERDAD GRAVEL ACCESS ROAD; CONTINUE WEST 0.5 MILE TO THE SITE ON THE RIGHT.

NOTES:

1. THE DEPICTED HAUL ROUTE DOES NOT PASS ANY SCHOOL FACILITY, FUTURE SCHOOL FACILITIES, NOR CHILD CARE CENTERS.
2. WE ARE NOT CROSSING ANY BEST MAINTENANCE PRACTICE FEATURES, OR CULVERTS AT THE TIME OF THIS SURVEY ON THE GROUND.
3. ALL HIGH PRIORITY HABITAT, FLOODPLAIN, WATER WELL, OIL AND GAS WELL INFORMATION SHOWN ON THIS PAGE ARE COGCC DATA ONLY (LAST ACCESSED NOVEMBER 11, 2021)

EXISTING GRAVEL ACCESS ROAD: 2670±



SCALE: 1" = 2000'
0' 1000' 2000'



VERDAD RESOURCES
FAWN 2734
FAWN 2833

FIELD	05/06/2021	DRAFT	SW
REV 4	01/07/2022	CHECK	ZAK
SHEET:	1 OF 1		
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LEGEND

- HAUL ROUTE / EXISTING ACCESS
- WELD COUNTY COLLECTOR
- STATE OR COUNTY CONTROLLED HIGHWAY
- CITY LIMITS HUDSON
- CITY LIMITS LOCHBUJE
- RESIDENTIAL HOUSE
- BUILDING / BARN
- WATER FEATURE
- EXISTING GAS/OIL FACILITY
- BALD EAGLE ACTIVE NEST SITE HALF MILE
- * OIL / GAS WELL
- * WATER WELL
- * FACILITY/ TANK BATTERY
- * PITS

ACCESS ROAD MAP
TO A LOCATION IN
S/2, SECTION 22 T1N R65W 6TH PM
WELD COUNTY, COLORADO

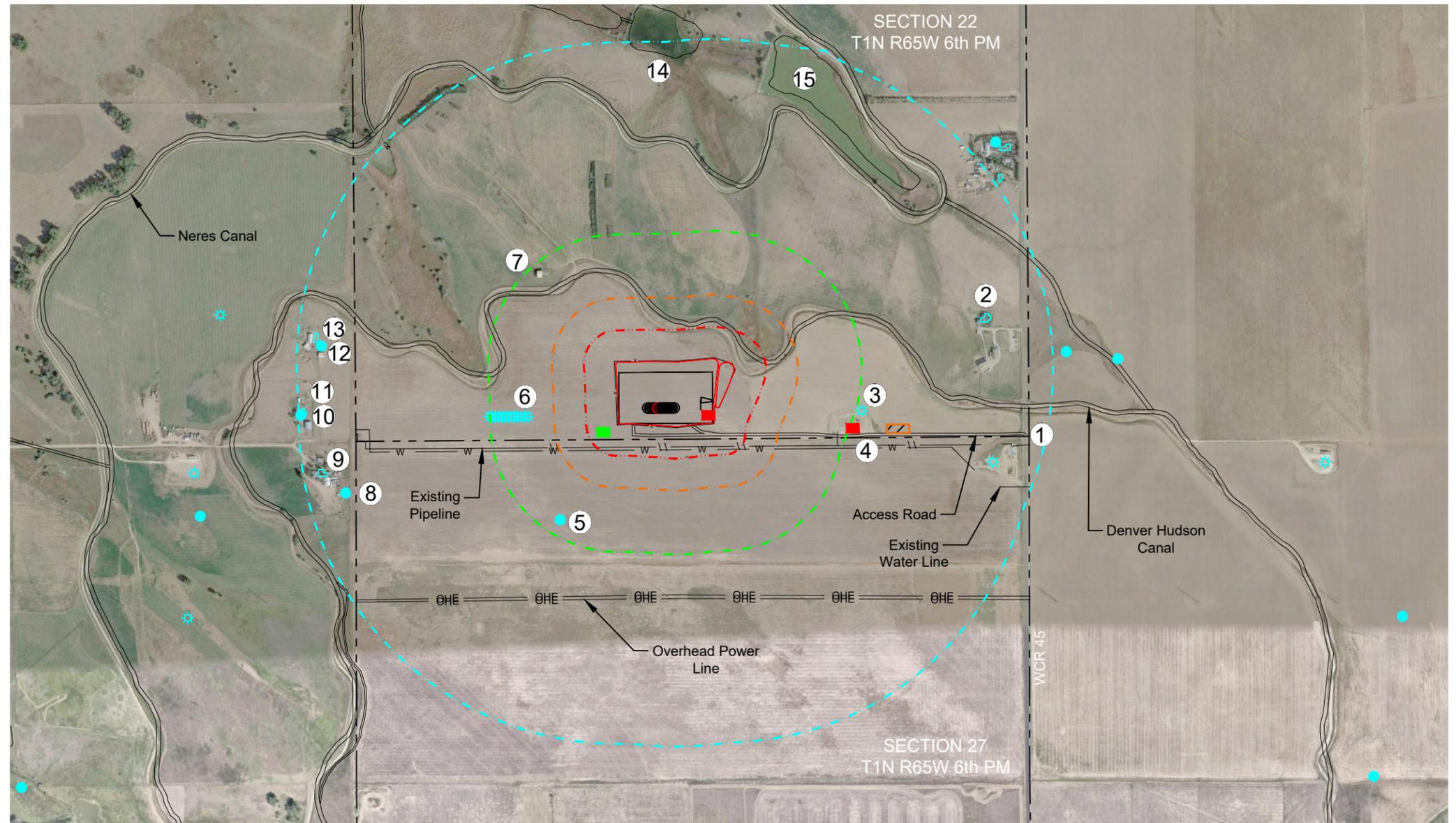
iii.) Haul Route Map

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970-350-9600
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303-894-2100
- Colorado Department of Public Health and Environment
877-518-5608
- Hudson Fire Protection District
303-536-0161

CRITICAL RECEPTORS

- | | |
|-------------------|-----------------------|
| 1. Entrance | 2. Residence |
| 3. Oil & Gas Well | 4. Tanks |
| 5. Water Well | 6. Oil and Gas Wells |
| 7. Building/Shed | 8. Water Well |
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| 15. Pond | |



SCALE: 1" = 1000'
0' 500' 1000'

TOPOGRAPHIC
LOYALTY INNOVATION LEGACY
520 Stacy Court Ste B, Lafayette, CO 80026
303.666.0379 www.topographic.com

VERDAD RESOURCES
FAWN 2734
FAWN 2833

FIELD	05/06/2021	DRAFT	SW
REV 1	11/09/2021	CHECK	ZAK
SHEET :	1 OF 1	JOB:	141441

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TACTICAL RESPONSE PLAN
S/2, SECTION 22 T1N R65W 6TH PM
WELD COUNTY, COLORADO

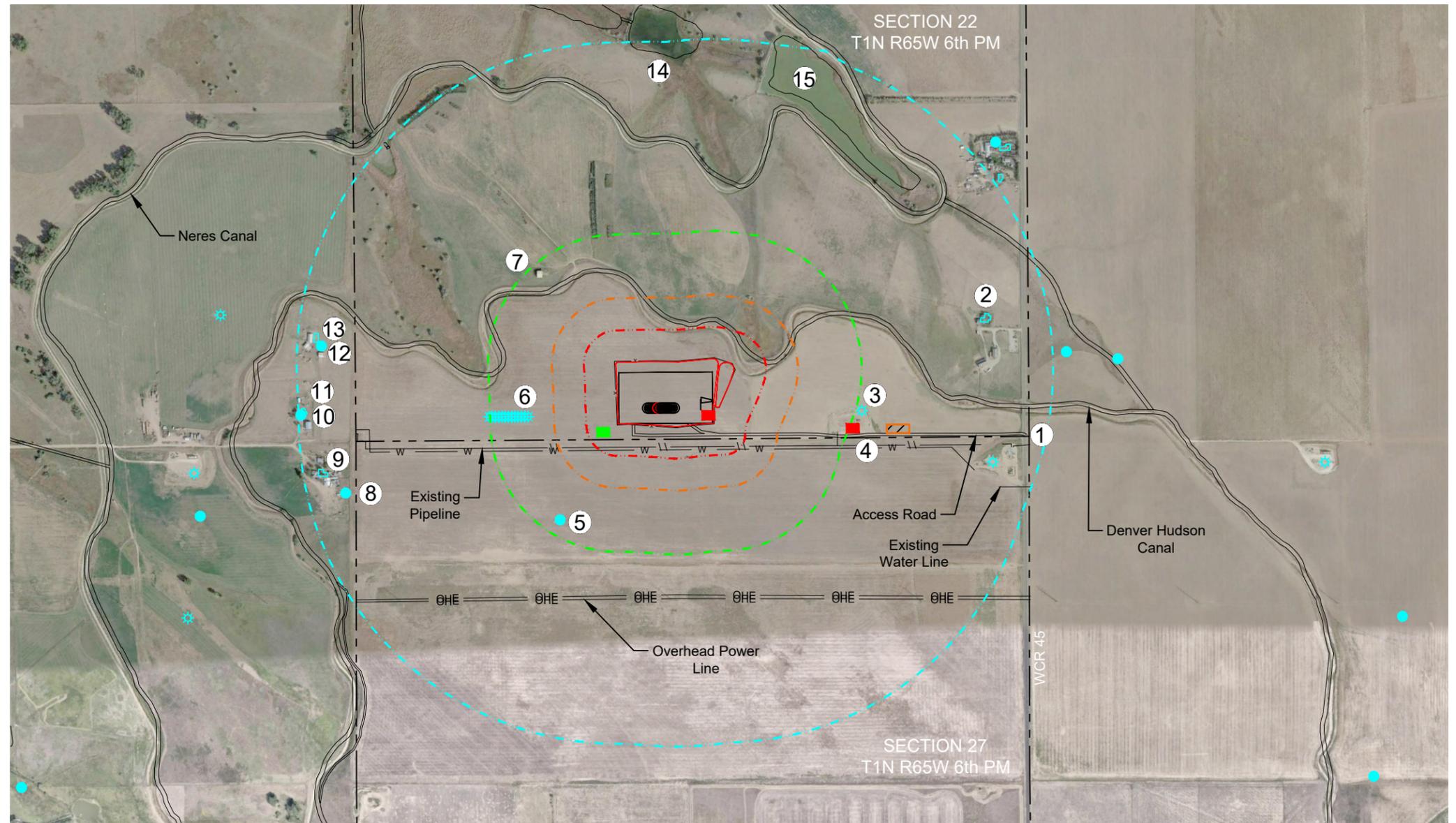
iv.) 2500 Foot Buffer Area Map

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TACTICAL RESPONSE PLAN
S/2, SECTION 22 T1N R65W 6TH PM
WELD COUNTY, COLORADO

SECTION 6 – SPILL RESPONSE AND CLEAN-UP

a) Spill Response

There are multiple types of hydrocarbons and or chemicals stored onsite 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, produced oils, and motor oil spills are less common, but still equally important to mitigate. If a spill is discovered, it will be mitigated in accordance with Colorado Oil and Gas Conservation Commission (COGCC), Colorado Department of Public Health and Environment (CDPHE), and Weld County LEPC requirements.

Once a release has been discovered, it will be immediately stopped and contained if possible and is safe to do so. When containing a spill; a combination of sorbent rolls, pads, mats, socks, or containment boom may be deployed, or earthen berms will be constructed around the release to keep spilled material contained and from spreading. These materials will be provided by Verdad Resources and the contract company and available during all construction phases. During a spill, efforts will be made to minimize contact with live vegetation, nearby drainage, rivers, creeks, or streams. If the release is outside of secondary containment or poses a threat to flow off site, or impact environmentally sensitive areas, the spill response contractor will be notified for cleanup assistance, if needed, and for removal and disposal of spilled materials and contaminated areas.

In the event of a large incident requiring outside assistance/cascading resources, Verdad Resources has contracted with Custom Environmental Services (CES). CES possesses a working knowledge of oil and gas operations, emergency response and the Incident Command System (ICS). Once notified CES personnel can be on location within 2 hours.

b) Spill Reporting

The person reporting a spill may be required to supply the minimum spill assessment information to provide as a complete understanding of the incident as possible to local, state, or federal agencies if applicable. Some initial spill response actions and information that may be reported are presented below:

- A spill/release will be reported to the COGCC if released material is property of Verdad Resources and meets the COGCC reporting thresholds (see below), an example would be crude oil released from a separator or produced water from a water tank.
- A spill/release will be reported to the Weld County LEPC if released material is property of Verdad Resources and meets the COGCC reporting thresholds (see below) Mandated by Section 304 of the Emergency Planning and Community Right-To-Know Act (EPCRA).

A spill/release will be reported to the CDPHE if released material is in the custody of a third party for spills meeting CDPHE reporting thresholds or 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.

Spills are reportable to the COGCC and/or to Weld County LEPC in the following circumstances:

- A. the spill or release impacts or threatens to impact any waters of the state, a residence or occupied structure, livestock or a public byway;
- B. a spill or release in which 1 barrel or more is released outside of berms or other secondary containment;
- C. or any spill or release of 5 barrels or more. If the spill impacts or threatens to impact waters of the state (which include surface water, ground water and dry gullies or storm sewers leading to surface water), it must also be reported immediately to CDPHE (25-8-601 CRS). Refined Petroleum releases of 25 gallons or more.

Once a spill is determined reportable, there is a 24-hour deadline to make initial notification to the COGCC/LEPC or CDPHE depending on the product ownership. Spills/releases in the custody of Verdad Resources 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 Verdad Resources.

These regulatory guidelines will be strictly followed by Verdad Resources and any contractors operating under Verdad Resources guidance during all activities at the Fawn 2734-2833.

SECTION 7 – 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 SDSs under the Occupational Safety and Health Administration (OSHA) 49 CFR 1910.1200 regulations for hazardous chemicals stored or used in the workplace.
- Facilities with chemicals in quantities that equal or exceed the lists of lists thresholds must report.
- Propane, benzene, propane 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 oil and gas sites during construction and development.

b. Reportable Requirements

If your facility will meet the requirements under 40 CFR Part 370, you must submit your Tier II report to the State of Colorado every year before March 1st.

These regulatory requirements will be strictly followed by Verdad Resources and any contractors operating under Verdad Resources during all activities at the Fawn 2734-2833.

SECTION 8 – EVACUATION INFORMATION

a. Evacuation Plan Procedures (public)

The procedure to be used in alerting the public in the event of than incident which could pose a threat to life or property will be arranged and coordinated with first responders and Weld County Emergency Management.

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

1. Verdad Resources representative will immediately notify first responders (911), to warn the public of a potential chemical exposure.
2. First responders may conduct door to door evacuation notices in addition to reverse 911 and utilizing the Integrated Public Alert and Warning System (IPAWS).
3. Verdad Resources is responsible for employees and contract personnel and will monitor essential and non-essential personnel traffic on or near the incident site.
4. General:
 - a. The area included within the radius of exposure is considered to be the zone with the maximum potential hazard, per the Emergency Response Guide (ERG). 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 an incident, 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.
 - c. Verdad Resources 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.

Verdad Resources will dispatch appropriate personnel to the incident site as soon as possible. The company’s personnel will cooperate with and provide such information to civil authorities as they might require.

SECTION – 9 TRAINING AND EXERCISES

TRAINING: Verdad Resources has annual Emergency Response plan training. Staff are trained on the Incident Command System that meets the demands of small or large emergency situations. It is a key feature of the National Incident Command System. The National Incident Management System (NIMS) guides all levels of government, nongovernmental organizations and the private sector to work together to prevent, protect against, mitigate, respond to and recover from incidents.

NIMS provides stakeholders across the whole community with the shared vocabulary, systems and processes to successfully deliver the capabilities described in the National Preparedness System. NIMS defines operational systems that guide how personnel work together during incidents.

Verdad staff train to achieve an understanding of specific roles and response actions in various emergency response scenarios, use of appropriate communication systems.

EXERCISES: Verdad conducts annual internal emergency response exercises and periodic drills on location with local emergency responders. Exercises are an important component to test an organization's response readiness, training and familiarity with various emergency response scenarios, participation and engagement with local and or state agencies, and to develop lessons learned to improve emergency response capabilities.

SECTION – 10 COORDINATION WITH FIRST RESPONDERS

- a) Verdad Resources 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 Verdad Resources appointed company man on location and First Responders present. Unified Command post will be established based on conditions present at time of incident.
- c) Verdad Resources representative and first responders identified in this Emergency Action Plan and Tactical Response Plan have reviewed both documents and have discussed coordination efforts in the event of an emergency situation requiring first responder assistance.

SECTION – 11 Plan Review and Update Procedures

- a) Multi-year plan review and update:
This plan will be reviewed and updated annually. Verdad intends to engage with the Colorado Preparedness & Response Network to improve our ERP and this EAP and coordinate further with local emergency responders.
- b) Post incident plan review and update:
After an incident Verdad will conduct an incident review, identifying root causes, preventative actions and corrective actions. In the event that this review identifies a significant change, this ERP will be updated.

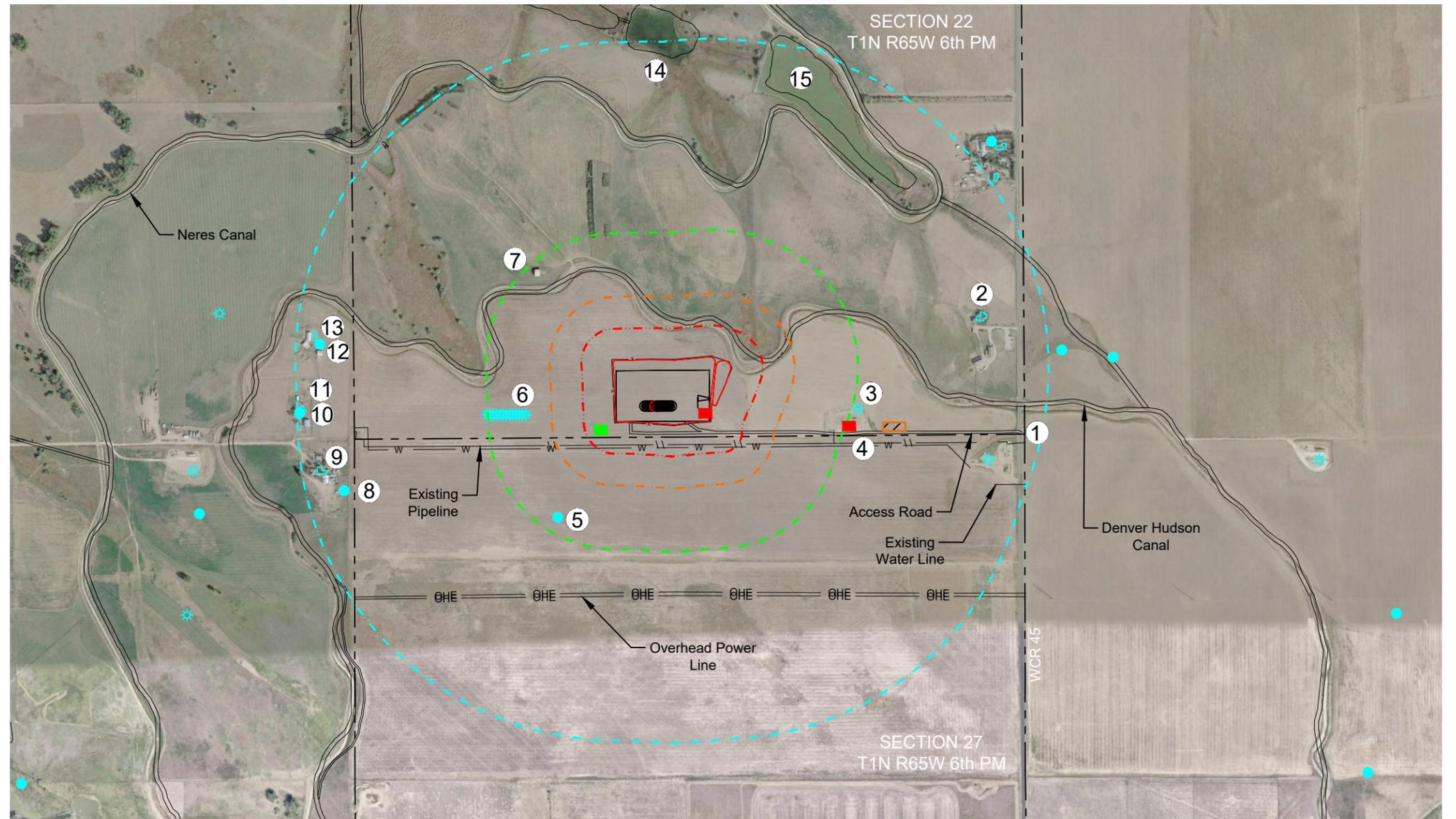
NOTIFICATIONS

Verdad 24-Hour Hotline
 800-980-2927
 National Response Center
 800-424-8802
 Colorado Department of Natural Resources
 303-866-3311
 EPA Region VIII
 303-312-6312
 Weld County Communications
 911
 Weld County OEM
 970-350-9600
 Colorado Oil and Gas Conservation Commission
 303-894-2100
 Colorado Department of Public Health and Environment
 877-518-5608
 Hudson Fire Protection District
 303-536-0161

Address: 2001 CR 45

CRITICAL RECEPTORS

- | | |
|-------------------|-----------------------|
| 1. Entrance | 2. Residence |
| 3. Oil & Gas Well | 4. Tanks |
| 5. Water Well | 6. Oil and Gas Wells |
| 7. Building/Shed | 8. Water Well |
| 9. Residence | 10. Water Well |
| 11. Residence | 12. Water Well |
| 13. Residence | 14. Sequine Reservoir |
| 15. Pond | |



SCALE: 1" = 1000'
 0' 500' 1000'

TOPOGRAPHIC
 LOYALTY INNOVATION LEGACY
 520 Stacy Court Ste B, Lafayette, CO 80026
 303.666.0379 www.topographic.com

VERDAD RESOURCES
 FAWN 2734
 FAWN 2833

FIELD	05/06/2021	DRAFT	SW
REV 1	11/09/2021	CHECK	ZAK
SHEET :	1 OF 1		
JOB:	141441		

NOTES

This tactical response plan is a reference tool and is intended to provide guidance during an actual event or exercise. Placement of resources may need to be adjusted according to the environmental variables. It is the responsibility of the emergency response personnel to be trained in response and to be able to make adjustments to the report as needed. Publicly available data sources have been independently verified by Topographic Land Surveyors.

RESPONSE OBJECTIVES

Ensure safety of the public, first responders, Verdad employees, and contractors. Minimize the impact to the environment and local community. Contain and recover released products to the extent possible.

LEGEND

- STAGING AREA
- MUSTER POINT
- PROPOSED TANK BATTERY
- PROPOSED DISTURBANCE AREA
- 250' HOT ZONE
- 500' WARM ZONE
- 1000' COLD ZONE
- 2500' ERG ZONE
- EXISTING PIPELINE
- SECTION LINE
- FENCE LINE
- WATER WELLS
- PROPOSED WELLS
- EXISTING WELLS
- WINDSOCK

TACTICAL RESPONSE PLAN
 S/2, SECTION 22 T1N R65W 6TH PM
 WELD COUNTY, COLORADO

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 RESPONS 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) – 400 BBL
- Water (BBL) – 400 BBL
- *1 Barrel (BBL) = 42 Gallons

Specific Facility Hazardous Conditions:

C= Construction D=Drilling, F=Facility, P= Production, O= Operations

Substance Hazards

- Hydrocarbons under pressure – D,F,P
- Toxic Substances – D,F,P
- Liquids and gases under high pressure – D,F,P
- Hot or cryogenic fluids – D,F,P
- Blasting agents, explosive substances – F
- H2S – P

Equipment Hazards

- Dangerous equipment – C, D,F,P
- Ignition sources – D,F,P
- Lifting facilities/heights – C, D,F

General Hazards

- Transportation – C,D,F,O
- Weather – C,D,F,P
- Wildlife – C,D,F,O
- Radiation – N/A
- General Safety – C,D,F,O,P

Is Water Supply Available on Location?

No Water Supply on Location

Nearest Foam Resources:

1. Briggsdale Fire
2. Galeton Fire
3. Greeley Fire