
EMERGENCY RESPONSE PLAN



Bolling 04 NWSE 2960

Sec. 4 T29S R60W (NW/4 SE/4)

Bolling 04 SESW 2960

Sec. 4 T29S R60W (SE/4 SW/4)

Bolling 09 NWNW 2960

Sec. 9 T29S R60W (SE/4 SW/4)

Daniel 08 SWNE 2960

Sec. 8 T29S R60W (SW/4 NE/4)

Las Animas County, Colorado

Surface: Fee

Submitted as an accompaniment to the Form 2A Application
and consistent with the requirements of Rule 602.j.

May 17, 2023

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INTRODUCTION

BNL (Enterprise) Inc. ("BNL") proposed Bolling 04 NWSE 2960, Bolling 04 SESW 2960, Bolling 09 NWNW 2960, and Daniel 08 SWNE 2960 locations are located in T29S R60W Sections 4, 8, and 9 in rural Las Animas County, Colorado. BNL plans to drill and test four helium wells. If the wells produce commercial quantities of helium the wells will be shut-in for a period of six to nine months until production facilities for the four wells can be placed at an offsite location on private surface. During the drilling and testing phase, the existing access roads will be minimally upgraded to allow for construction and, if needed, emergency vehicles. If the wells prove to be of commercial quantities, the roads will be crowned and ditched per the surface use agreement with the private surface owner(s). No federal lands or minerals are involved in this project. All operations would be conducted in compliance with all federal, state, and local applicable laws, rules, and regulations.

BNL (Enterprise) Inc.'s Emergency Response Plan was sent via email to the Hoehne Fire Protection District. It has been confirmed they will provide emergency cover at the Bolling 04 NWSE 2960, Bolling 04 SESW 2960, Bolling 09 NWNW 2960, and Daniel 08 SWNE 2960 Locations in Las Animas County, Colorado.

SECTION 2 - SITE SPECIFIC INFORMATION

a. **Site Safety Requirements and General Information**

The minimum personal protective equipment (PPE) to enter any BNL (Enterprise) Inc. location includes a hard hat, safety glasses, safety toe boots, and fire-resistant clothing (FRC). All contractors and visitors are responsible for providing their personnel/employees/persons with the appropriate training on and use of PPE while on all BNL (Enterprise) Inc. locations and signage will be in place to disclose this information at the entrance to location. In addition, all personnel entering a BNL (Enterprise) Inc. location must understand and abide by BNL (Enterprise) Inc.'s contractor expectations relating to environmental, health, and safety requirements.

The primary hazards that any person must be aware of while on a BNL (Enterprise) Inc. location include, but are not limited to, the potential for release of 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 Points/ Ingress and Egress**

Muster Point: The Operator will designate primary and secondary muster areas at the Location. In the event of an evacuation, all personnel on-site will immediately evacuate and move to the primary muster area. If the primary muster area is unsafe, personnel will move to the secondary muster area. During evacuations, personnel will avoid taking shortcuts that create exposure to hazards.

Ingress and Egress: Employees and contractors must maintain locations so that routes of egress from building, discharge areas, access roads and other means of emergency egress and access are properly maintained.

c. **911 Address and GPS Coordinates**

Bolling 04 NWSE 2960

Legal Description – NWSE Section 4 T29S R60W

Directions: Begin at the intersection of County Road 111.1 and County Road 76.5. Travel east for approximately 0.1 miles to the proposed access road. Turn right on the proposed access road. Turn right and travel southerly for 1,148' (0.2 miles) to the location.

Lat/Long: Lat: 37.547498° N Long: -104.120770° W

Bolling 04 SESW 2960

Legal Description – SESW Section 4 T29S R60W

Directions: Begin at the intersection of U.S. Highway 350 and County Road 76.5. Travel northwest, then westerly for approximately 1.5 miles to the intersection of County Road 76.5 and County Road 111.1. Turn left and travel southwesterly for 0.7 miles to the proposed access road. Turn right and travel northwesterly, then northerly for 376' (0.1 miles) to the location.

Lat/Long: Lat: 37.546046° N Long: -104.127684° W

Bolling 09 NWNW 2960

Legal Description – NWNW Section 9 T29S R60W

Directions: Begin at the intersection of U.S. Highway 350 and County Road 76.5. Travel northwest, then westerly for approximately 1.5 miles to the intersection of County Road 76.5 and County Road 111.1. Turn left and travel southwesterly for 0.8 miles to the end of County Road 111.1 and the beginning of the access road. Travel southerly, then westerly, then southwesterly, then southerly for 1,572' (0.3 miles) to the location.

Lat/Long: Lat: 37.540509° N Long: -104.130592° W

Daniel 08 SWNE 2960

Legal Description – SWNE Section 8 T29S R60W

Directions: Begin at the intersection of County Road 111.1 and County Road 76.5. Travel southwesterly along County Road 111.1 until County Road 111.1 terminates. Continue southerly, then westerly, then southwesterly along the access for approximately 0.9 miles. Turn northwesterly and travel northwesterly for approximately 0.3 miles. Turn left and travel 462' (0.1 miles) to the location.

Lat/Long: Lat: 37.539325° N Long: -104.138994° W

d. Site Description

The Locations are located in rural Las Animas County, Colorado. The surrounding land uses are rangeland and agriculture. There are no Residential Building Units within 2,000' of the Location. The Locations are accessed from a private access road off County Road 111.1 and County Road 76.5. All locations will contain 1 helium well, 1 Water Tank, 1 Separator, 1 Cuttings Trench and 1 Open Top Steel Cuttings Tank. All gas will be piped to a processing facility offsite.

e. Nearby School and High Occupancy Building Units

There are no schools, High Occupancy Building Units or Residential Building Units within 2,000' of the Locations. Please see Location Drawings in Section 3 for the Bolling 04 NWSE 2960, Bolling 04 SESW 2960, Bolling 09 NWNW 2960, and Daniel 08 SWNE 2960.

f. Nearby Sensitive Areas

The Timpas Creek is a High Priority Habitat (HPH) classified as Aquatic Native Species Conservation Waters. It is within one mile of all four locations: Bolling 04 NWSE 2960, Bolling 04 SESW 2960, Bolling 09 NWNW 2960, and Daniel 08 SWNE 2960. No disturbance will take place within the HPH.

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

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

During drilling, completion, and testing operations all employees and approved visitors to the Bolling 04 NWSE 2960, Bolling 04 SESW 2960, Bolling 09 NWNW 2960, and Daniel 08 SWNE 2960 will be required to check in at the company man trailer 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. Site Supervisor are required to account for all persons entering or leaving location during active operations and in the event of an incident.

Once drilling, completion, and facility installation activities are finalized, the site will transition to its production phase. 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 compressed helium in tube trailers and fuel for local power generation.

SECTION 3 – MAPS AND DIAGRAMS

- a. Cultural Distance Map**
- b. Access Map**
- c. Facility Layout Diagram**

UNGRADED ELEVATION: 5429.3'
FINAL ELEVATION: 5428.8'
AREA OF DISTURBANCE: 1.4± ACRES
AREA OF WORKING PAD SURFACE: 1.0± ACRES

BOLLING 04 NWSE 2960

N

5000500

SCALE FEET

BEFORE DIGGING
CALL FOR
UTILITY LINE LOCATION

PAD LOCATION:

LAT: N 37.547498
LONG: W 104.120770

LOCATION DRAWING

BNL (ENTERPRISE) INC.
BOLLING 04 NWSE 2960
NWSE, SECTION 4, T. 29 S., R. 60 W., 6th P.M.,
LAS ANIMAS COUNTY, COLORADO

DRG

RIFFIN & ASSOCIATES, INC.

(307) 862-5028

1414 ELK ST., ROCK SPRINGS, WY 82901

DRAWN: 12/19/22 - DWB

REVISED: 5/4/23 - JMB

SCALE: 1" = 500'

DRG JOB No. 22207

304b(7)A LOC AERIAL

MOVED WELL

WORKING PAD SURFACE

2000' WORKING PAD SURFACE BUFFER

PROPOSED LOCATION DISTURBANCE

PROPERTY LINE

US HIGHWAY

COUNTY ROAD

EXISTING 2-TRACK ROAD

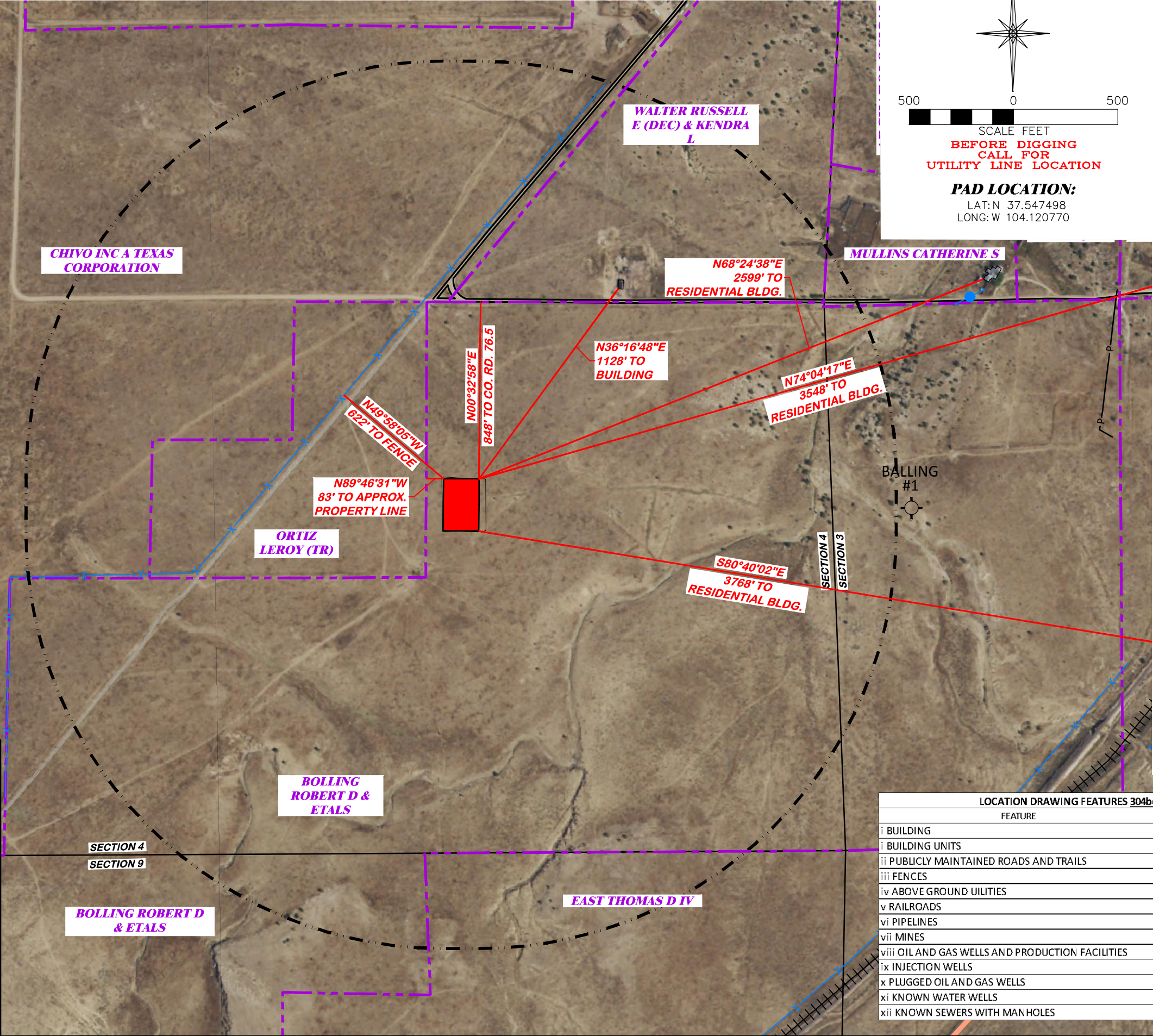
RAILROAD

FENCELINE

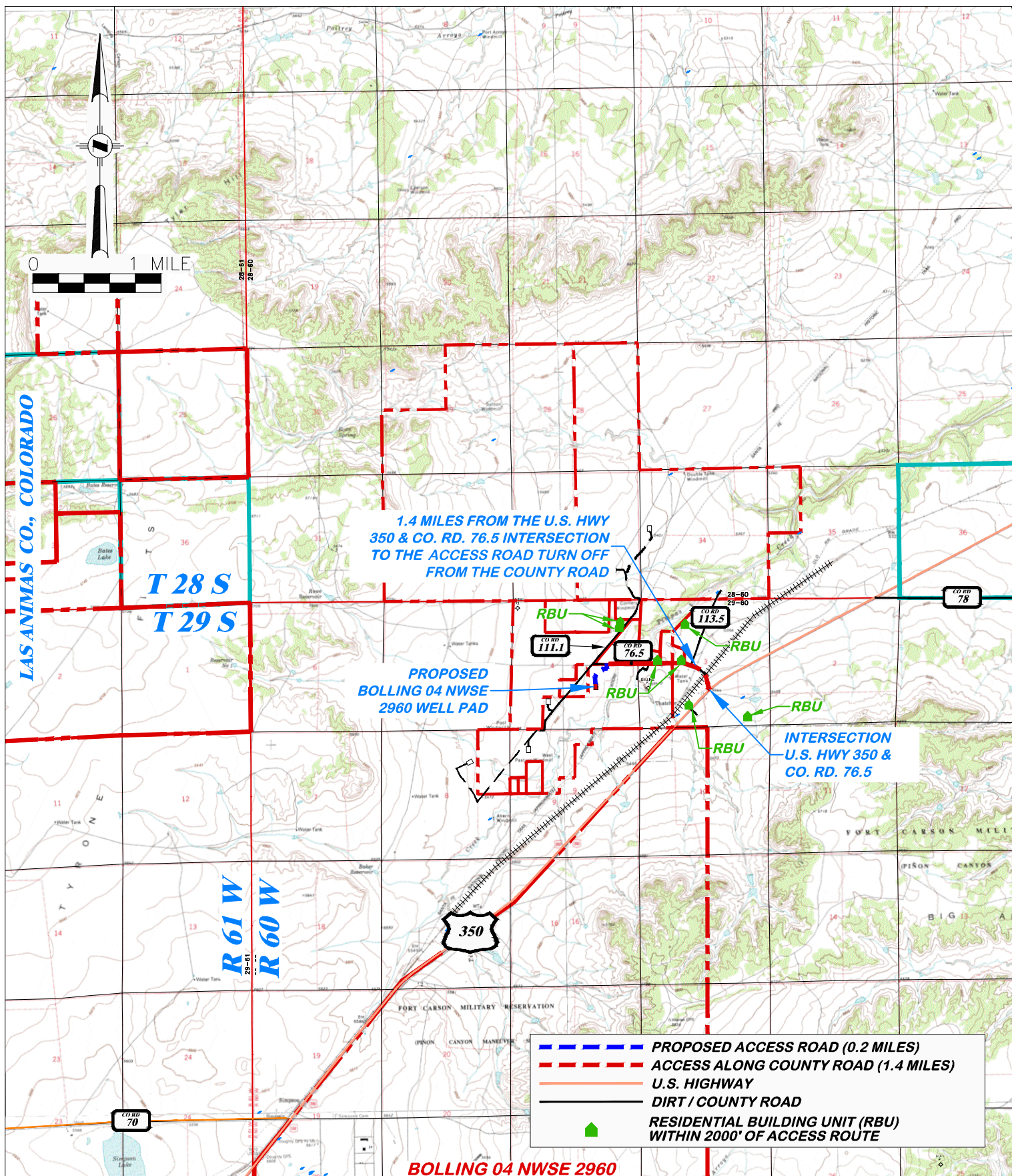
OVERHEAD POWER LINE

PLUGGED OIL & GAS WELL

WATER WELL



LOCATION DRAWING FEATURES 304b(7)A	
FEATURE	DISTANCE
i BUILDING	1128' NE
i BUILDING UNITS	AS SHOWN
ii PUBLICLY MAINTAINED ROADS AND TRAILS	848' N
iii FENCES	622' NW
iv ABOVE GROUND UTILITIES	2479' NE
v RAILROADS	2810' SE
vi PIPELINES	5280'
vii MINES	5280'
viii OIL AND GAS WELLS AND PRODUCTION FACILITIES	5280'
ix INJECTION WELLS	5280'
x PLUGGED OIL AND GAS WELLS	2076' E
xi KNOWN WATER WELLS	2509' NE
xii KNOWN SEWERS WITH MANHOLES	5280'



(307) 362-5028

RIFFIN & ASSOCIATES, INC.
1414 ELK ST., ROCK SPRINGS, WY 82901

DRAWN: 12/19/22 - DWB

SCALE: 1" = MILE

REVISED: 5/9/23 - DWB

DRG JOB No. 22207

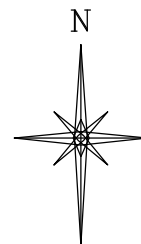
UPDATED MAP

304b(7)F ACCESS

PROPOSED ACCESS ROAD MAP

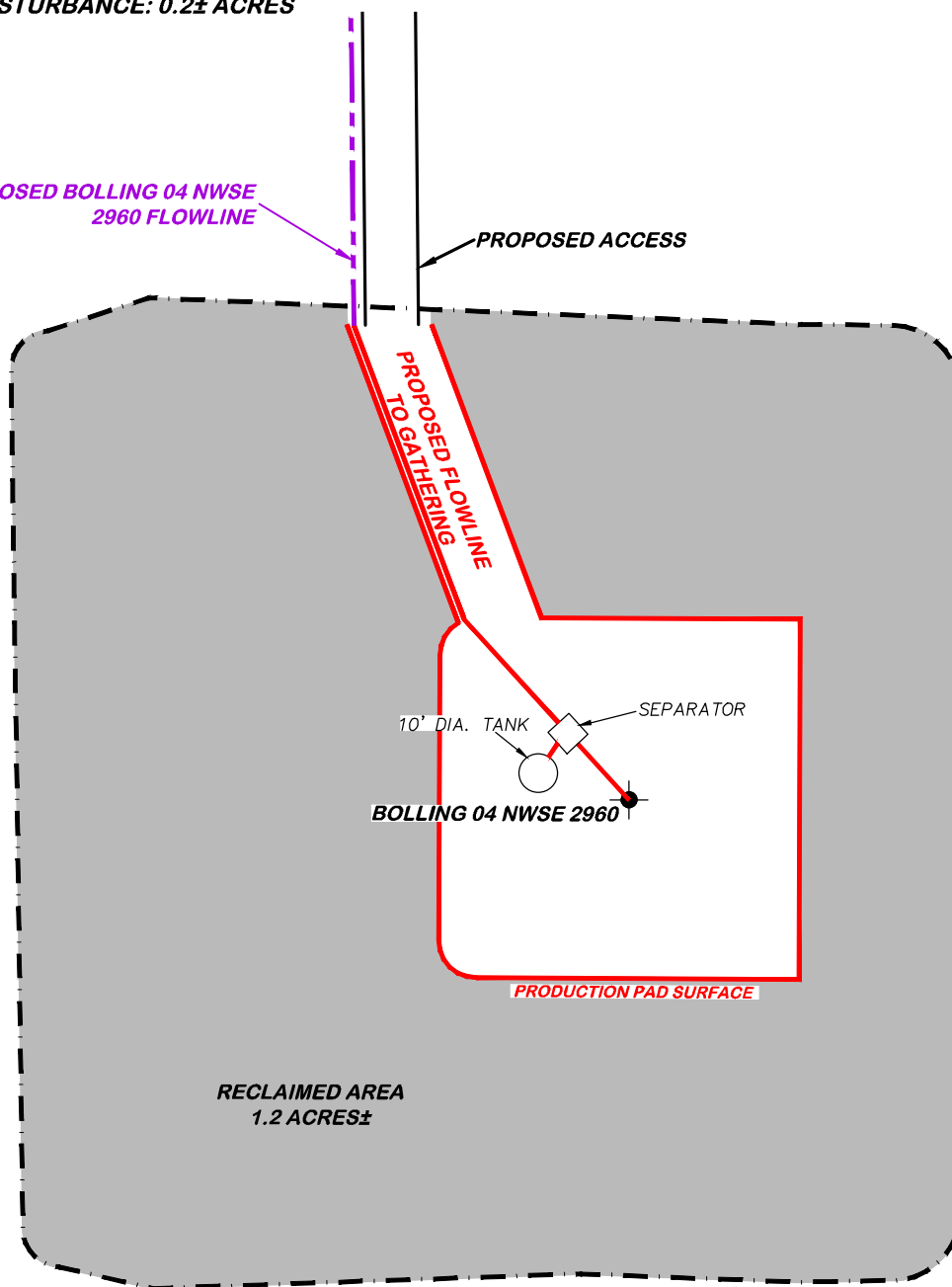
HAUL ROUTE
BNL (ENTERPRISE) INC.
BOLLING 04 NWSE 2960
NWSE, SECTION 4, T. 29 S., R. 60 W., 6th P.M.,
LAS ANIMAS COUNTY, COLORADO

APPROXIMATE DISTURBANCE AREA 1.4± ACRES
 PROPOSED RECLAMATION AREA: 1.2± ACRES
 INTERIM RECLAMATION DISTURBANCE: 0.2± ACRES

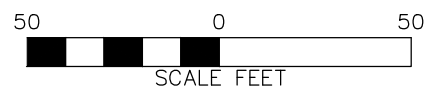


PROPOSED BOLLING 04 NWSE
 2960 FLOWLINE

PROPOSED ACCESS



RECLAIMED AREA
 1.2 ACRES±



BOLLING 04 NWSE 2960

DRG RIFFIN & ASSOCIATES, INC.
 (307) 362-5028 1414 ELK ST., ROCK SPRINGS, WY 82901

DRAWN: 12/19/22 - DWB

SCALE: 1" = 50'

REVISED: 5/4/23 - JMB

DRG JOB No. 22207

MOVED WELL

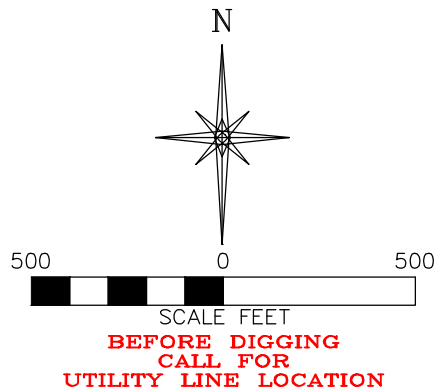
304b(7)Bv FACILITY

CONSTRUCTION LAYOUT DRAWING 5 OF 5

FACILITY LAYOUT DRAWING
BNL (ENTERPRISE) INC.
BOLLING 04 NWSE 2960
NWSE, SECTION 4, T. 29 S., R. 60 W., 6th P.M.,
LAS ANIMAS COUNTY, COLORADO

UNGRADED ELEVATION: 5452.6'
FINAL ELEVATION: 5451.4'
AREA OF DISTURBANCE: 1.2± ACRES
AREA OF WORKING PAD SURFACE: 1.0± ACRES

BOLLING 04 SESW 2960




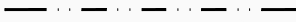




PAD LOCATION:
LAT: N 37.546046
LONG: W 104.127684

CHIVO INC A TEXAS CORPORATION

ORTIZ LEROY (TR)

BOLLING ROBERT D & ETALS

BOLLING ROBERT D & ETALS


-  WORKING PAD SURFACE
-  2000' WORKING PAD SURFACE BUFFER
-  PROPOSED LOCATION DISTURBANCE
-  EXISTING COUNTY ROAD
-  EXISTING 2-TRACK ROAD
-  EXISTING PROPERTY LINE

- N01°10'37"W
69' TO FENCELINE
- N00°07'46"W
61' TO APPROX. PROPERTY LINE
- N88°50'57"W
121' TO FENCELINE
- N88°50'39"W
123' TO APPROX. PROPERTY LINE
- S50°51'51"E
265' TO 2-TRACK RD.

- N41°16'37"E
3907' TO BLDG. UNIT
- N44°24'51"E
4021' TO RESIDENTIAL BLDG.
- N51°24'53"E
2228' TO CO. RD..
- N61°06'23"E
2997' TO RESIDENTIAL BLDG.

- S40°21'19"E
3647' TO RAILROAD

LOCATION DRAWING FEATURES 304b(7)A	
FEATURE	DISTANCE
i BUILDING	AS SHOWN
i BUILDING UNITS	2997'
ii PUBLICLY MAINTAINED ROADS AND TRAILS	2228'
iii FENCES	AS SHOWN
iv ABOVE GROUND UTILITIES	2997'
v RAILROADS	3647'
vi PIPELINES	5280'
vii MINES	5280'
viii OIL AND GAS WELLS AND PRODUCTION FACILITIES	5280'
ix INJECTION WELLS	5280'
x PLUGGED OIL AND GAS WELLS	5280'
xi KNOWN WATER WELLS	5280'
xii KNOWN SEWERS WITH MANHOLES	5280'



DRG RIFFIN & ASSOCIATES, INC.

1414 ELK ST., ROCK SPRINGS, WY 82901

(307) 962-5028

DRAWN: 3/22/22 - JMB

REVISED: 5/9/23 - DWB

UPDATED MAP

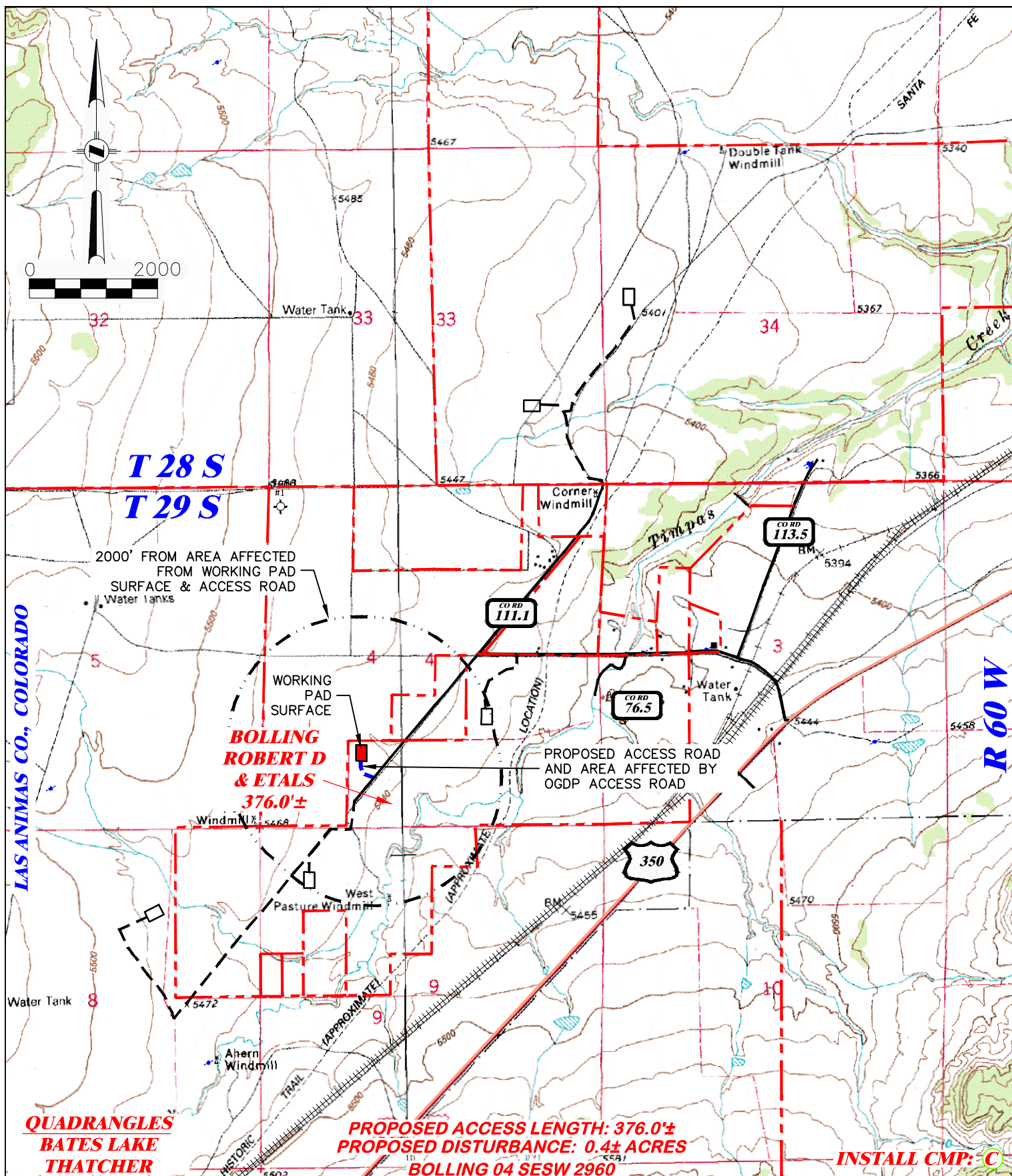
SCALE: 1" = 500'

DRG JOB No. 22206

304b(7)A LOC AERIAL

LOCATION DRAWING

BNL (ENTERPRISE) INC.
BOLLING 04 SESW 2960
SESW, SECTION 4, T. 29 S., R. 60 W., 6th P.M.,
LAS ANIMAS COUNTY, COLORADO



DRG RIFFIN & ASSOCIATES, INC.

(307) 362-5028

1414 ELK ST., ROCK SPRINGS, WY 82901

DRAWN: 3/22/22 - JMB

SCALE: 1" = 2000'

REVISED: 5/9/23 - DWB

DRG JOB No. 22206

UPDATED MAP

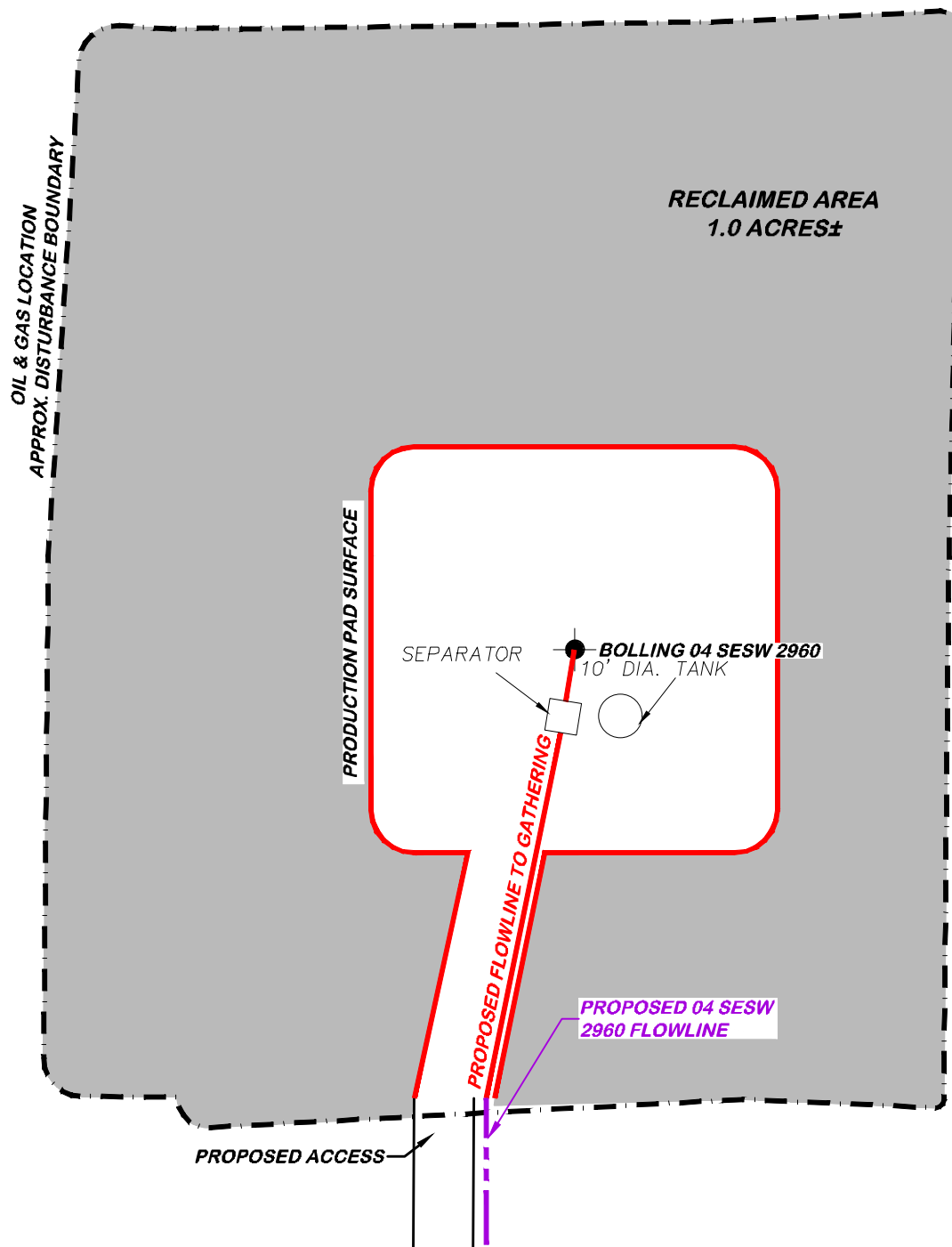
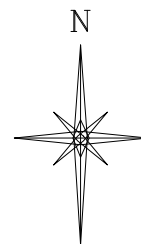
304b(7)F ROAD SHEET 1 OF 2



PROPOSED WORKING PAD SURFACE

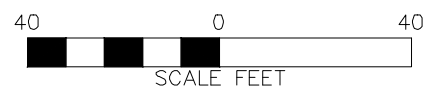
PROPOSED ACCESS W/ AFFECTED AREA

APPROXIMATE DISTURBANCE AREA 1.2± ACRES
PROPOSED RECLAMATED ON AREA: 1.0± ACRES
INTERIM RECLAMATION DISTURBANCE: 0.2± ACRES



BEFORE DIGGING
CALL FOR
UTILITY LINE LOCATION

BOLLING 04 SESW 2960



DRG RIFFIN & ASSOCIATES, INC.
(307) 362-5028 1414 ELK ST., ROCK SPRINGS, WY 82901

DRAWN: 3/22/22 - JMB

SCALE: 1" = 40'

REVISED: 5/4/23 - DWB

DRG JOB No. 22206

MOVED WELL

304b(7)Bv FACILITY

CONSTRUCTION LAYOUT DRAWING 5 OF 5

**FACILITY LAYOUT DRAWING
BNL (ENTERPRISE) INC.
BOLLING 04 SESW 2960
SESW, SECTION 4, T. 29 S., R. 60 W., 6th P.M.,
LAS ANIMAS COUNTY, COLORADO**

UNGRADED ELEVATION: 5455.3'
FINAL ELEVATION: 5454.8'
AREA OF DISTURBANCE: 1.2± ACRES
AREA OF WORKING PAD SURFACE: 1.0± ACRES

BOLLING 09 NWNW 2960

N

5000500

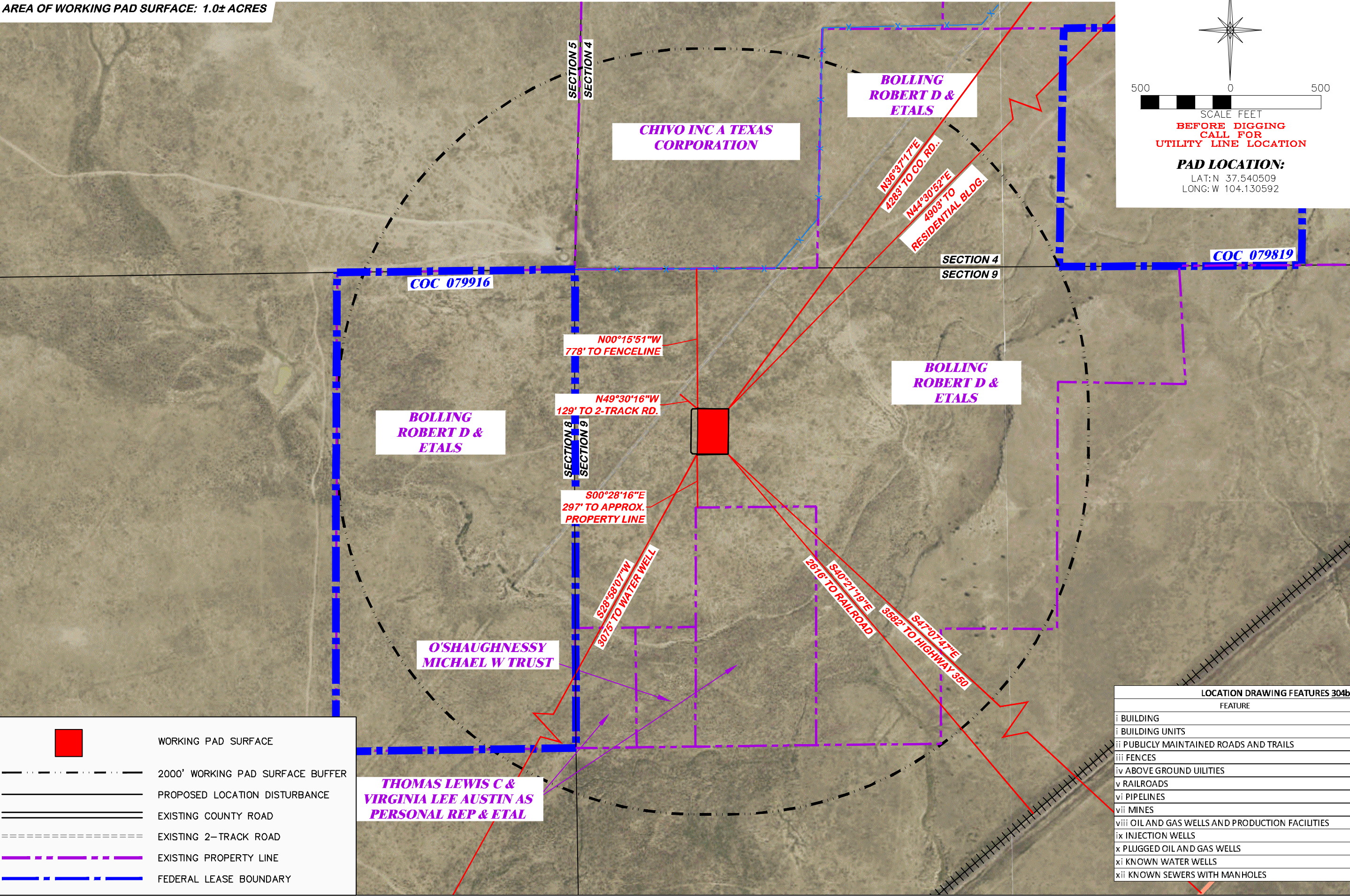
SCALE FEET

BEFORE DIGGING
CALL FOR
UTILITY LINE LOCATION

PAD LOCATION:
LAT: N 37.540509
LONG: W 104.130592

LOCATION DRAWING

BNL (ENTERPRISE) INC.
BOLLING 09 NWNW 2960
NWNW, SECTION 9, T. 29 S., R. 60 W., 6th P.M.,
LAS ANIMAS COUNTY, COLORADO



WORKING PAD SURFACE

2000' WORKING PAD SURFACE BUFFER

PROPOSED LOCATION DISTURBANCE

EXISTING COUNTY ROAD

EXISTING 2-TRACK ROAD

EXISTING PROPERTY LINE

FEDERAL LEASE BOUNDARY

LOCATION DRAWING FEATURES 304b(7)A	
FEATURE	DISTANCE
i BUILDING	4903'
i BUILDING UNITS	4903'
ii PUBLICLY MAINTAINED ROADS AND TRAILS	3582'
iii FENCES	778'
iv ABOVE GROUND UTILITIES	4903'
v RAILROADS	2616'
vi PIPELINES	5280'
vii MINES	5280'
viii OIL AND GAS WELLS AND PRODUCTION FACILITIES	5280'
ix INJECTION WELLS	5280'
x PLUGGED OIL AND GAS WELLS	5280'
xi KNOWN WATER WELLS	3075'
xii KNOWN SEWERS WITH MANHOLES	5280'

RIFFIN & ASSOCIATES, INC.
1414 ELK ST., ROCK SPRINGS, WY 82901
(307) 362-6028

DRAWN: 3/30/22 - JMB

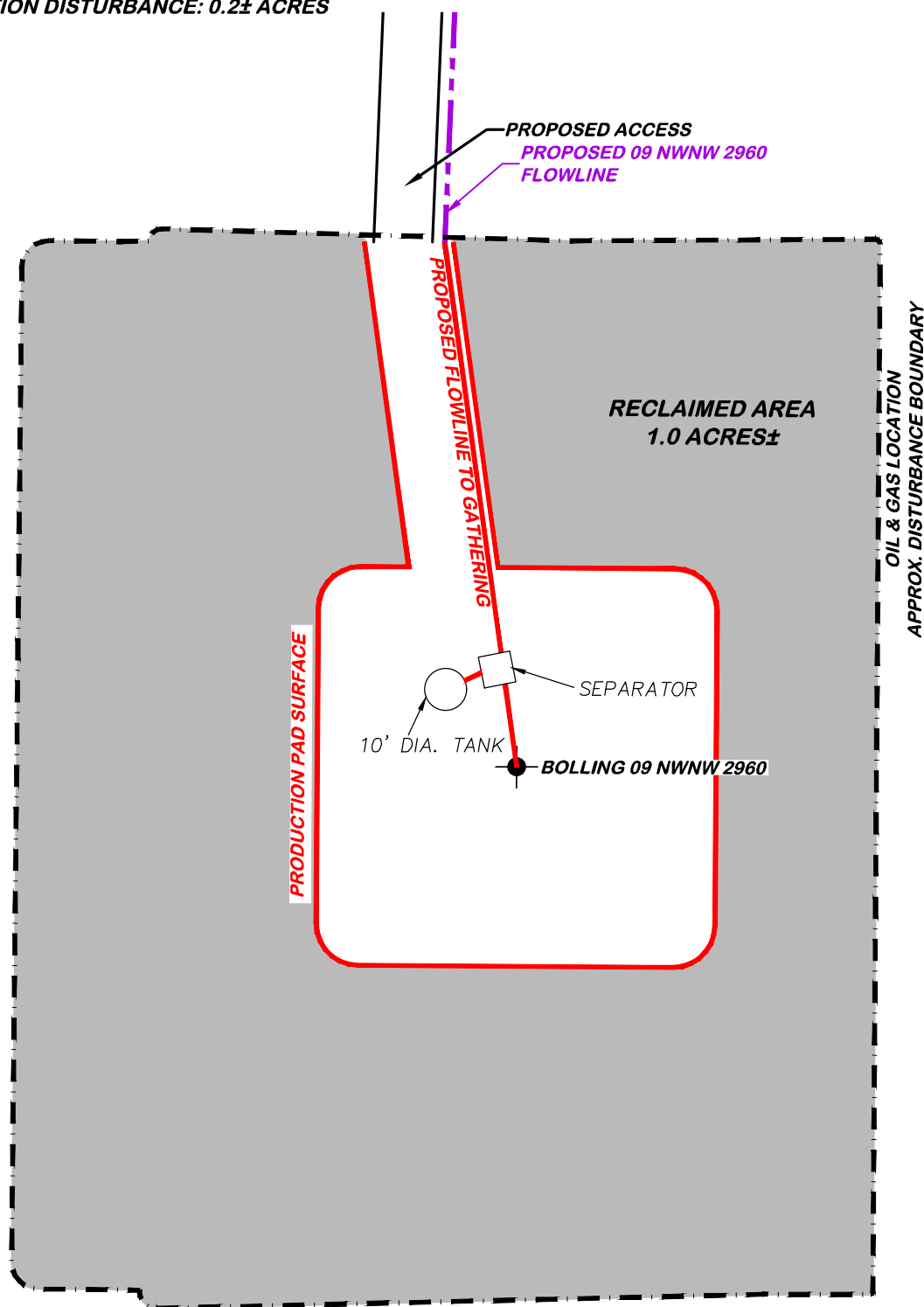
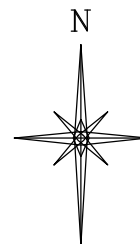
REVISED: NA

SCALE: 1" = 500'

DRG JOB No. 22205

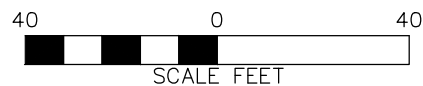
304b(7)A LOC AERIAL


APPROXIMATE DISTURBANCE AREA 1.2± ACRES
 PROPOSED RECLAMATED ON AREA: 1.0± ACRES
 INTERIM RECLAMATION DISTURBANCE: 0.2± ACRES



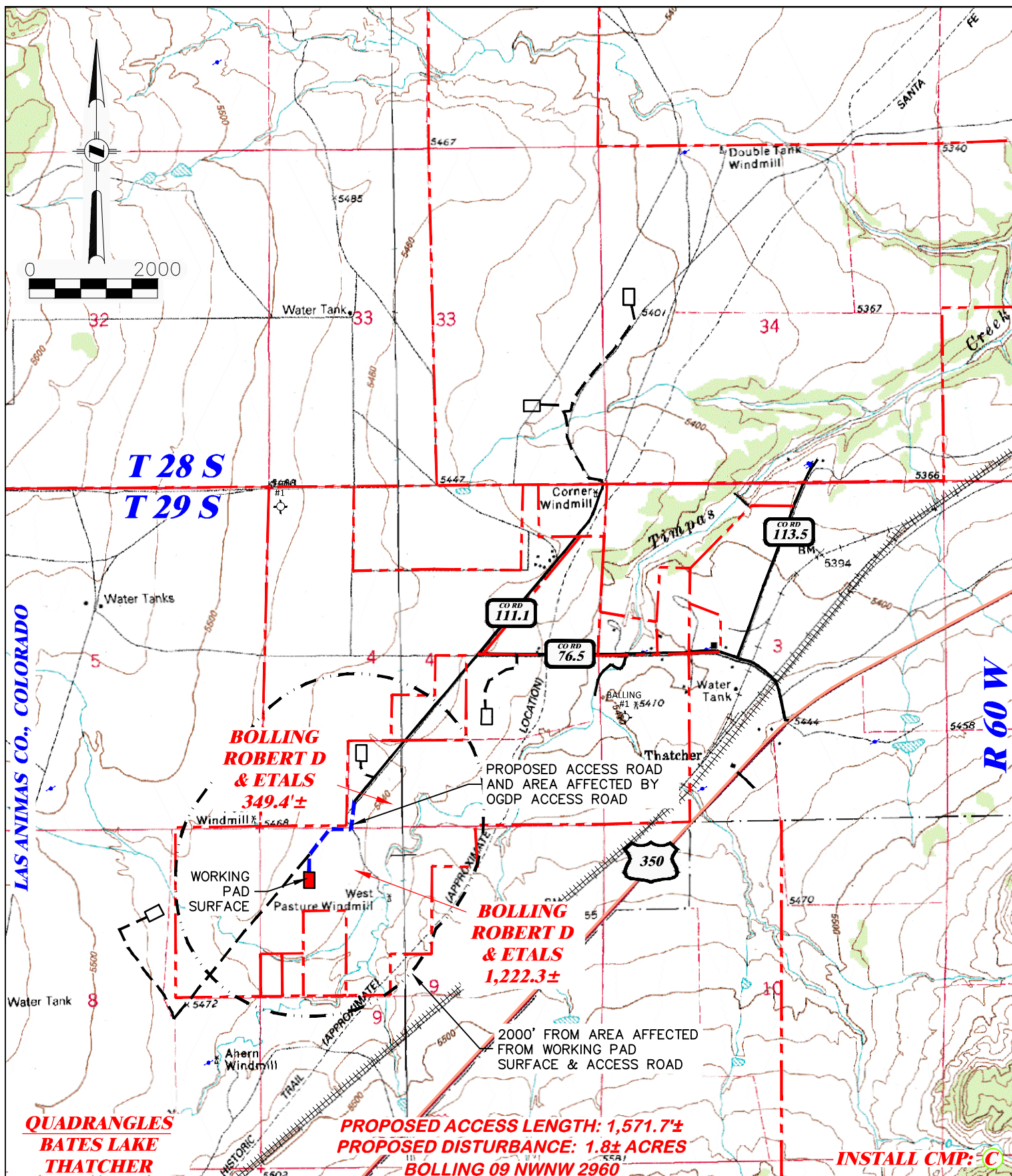
BEFORE DIGGING
 CALL FOR
 UTILITY LINE LOCATION

BOLLING 09 NWNW 2960



 DRG RIFFIN & ASSOCIATES, INC. (307) 362-5028 1414 ELK ST., ROCK SPRINGS, WY 82901	
DRAWN: 3/30/22 - JMB	SCALE: 1" = 40'
REVISED: 2/21/23 - JMB	DRG JOB No. 22205
UPDATED FACILITY	304b(7)Bv FACILITY

CONSTRUCTION LAYOUT DRAWING 5 OF 5 FACILITY LAYOUT DRAWING BNL (ENTERPRISE) INC. BOLLING 09 NWNW 2960 NWNW, SECTION 9, T. 29 S., R. 60 W., 6th P.M., LAS ANIMAS COUNTY, COLORADO



DRG **RIFFIN & ASSOCIATES, INC.**
(307) 362-5028 1414 ELK ST., ROCK SPRINGS, WY 82901

DRAWN: 3/30/22 - JMB	SCALE: 1" = 2000'
REVISED: 5/9/23 - DWB	DRG JOB No. 22205
UPDATED MAP	304b(7)F ROAD SHEET 1 OF 2



PROPOSED WORKING PAD SURFACE

PROPOSED ACCESS W/ AFFECTED AREA

UNGRADED ELEVATION: 5478.5'
FINAL ELEVATION: 5477.8'
AREA OF DISTURBANCE: 1.2± ACRES
AREA OF WORKING PAD SURFACE: 1.0± ACRES

DANIEL 08 SWNE 2960

N

500

0

500

SCALE FEET

BEFORE DIGGING
CALL FOR
UTILITY LINE LOCATION

PAD LOCATION:
LAT: 37.539325
LONG: 104.138994

DANIEL FRED
& CATHERINE

SECTION 5

SECTION 8

BOLLING
ROBERT D
& ETALS

BOLLING
ROBERT D
& ETALS

S60°50'43"W
485' TO 2-TRACK ROAD

S88°19'52"W
84' TO 2-TRACK ROAD

N89°54'22"E
191' TO PROPERTY LINE

SECTION 8

SECTION 9

THOMAS LEWIS C
& VIRGINIA LEE
AUSTIN AS
PERSONAL REP &
ETAL

DANIEL
FRED &
CATHERINE

THOMAS LEWIS
C & VIRGINIA
LEE AUSTIN AS
PERSONAL REP &
ETAL

O'SHAUGHNESSY
MICHAEL W
TRUST

WORKING PAD SURFACE

PROPERTY LINE

2000' WORKING PAD SURFACE BUFFER

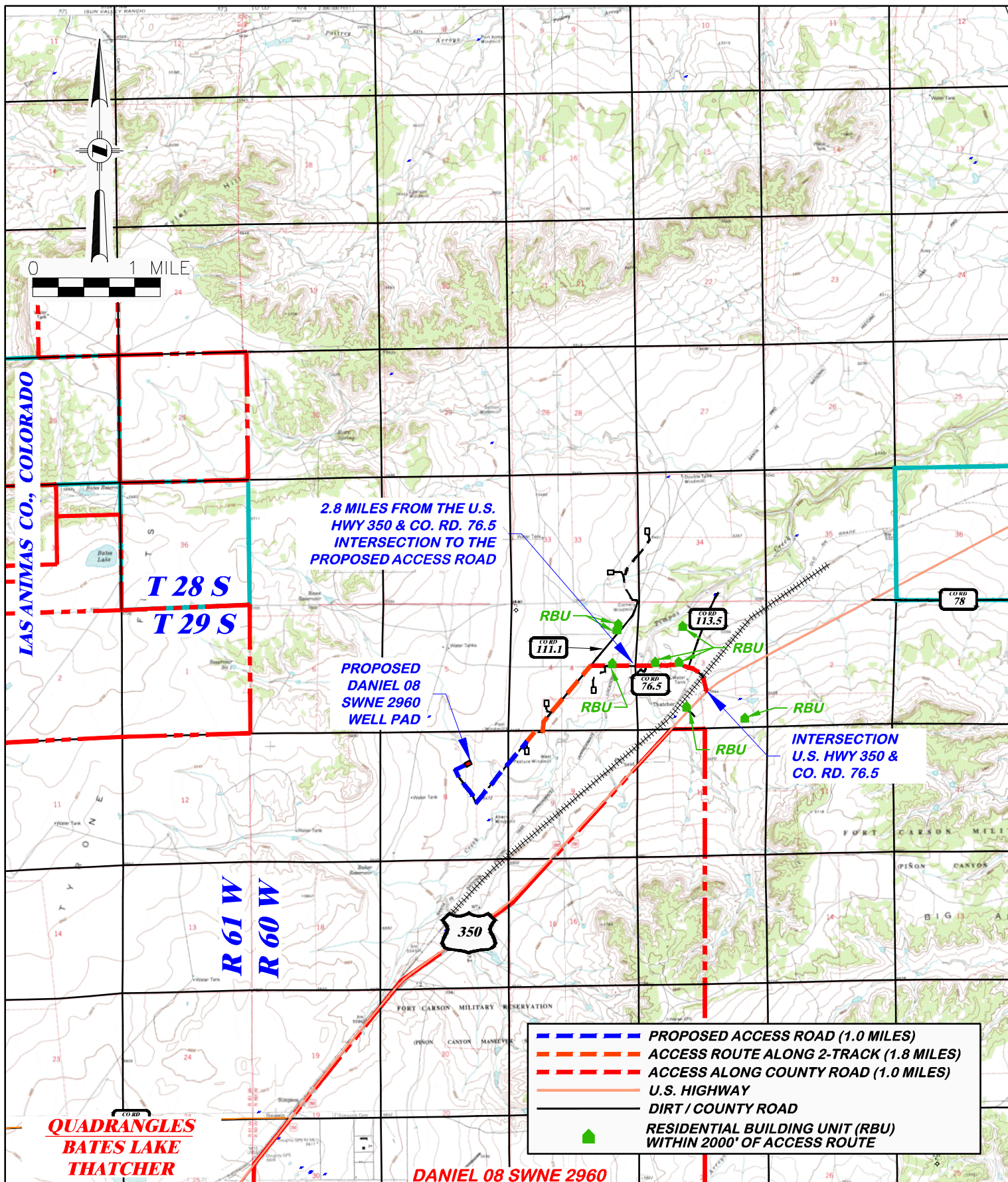
PROPOSED LOCATION DISTURBANCE

EXISTING DIRT/ EXISTING 2-TRACK ROAD

WATER WELL

LOCATION DRAWING FEATURES 304b(7)A

FEATURE	DISTANCE
i BUILDING	5280'
ii BUILDING UNITS	5280'
iii PUBLICLY MAINTAINED ROADS AND TRAILS	3450' NE
iv FENCES	5280'
v ABOVE GROUND UTILITIES	5280'
vi RAILROADS	3960' SE
vii PIPELINES	5280'
viii MINES	5280'
ix OIL AND GAS WELLS AND PRODUCTION FACILITIES	5280'
x INJECTION WELLS	5280'
xi PLUGGED OIL AND GAS WELLS	2607' S
xii KNOWN WATER WELLS	2402' S
xiii KNOWN SEWERS WITH MANHOLES	5280'



DRG RIFFIN & ASSOCIATES, INC.

(307) 362-5028

1414 ELK ST., ROCK SPRINGS, WY 82901

DRAWN: 4/12/23 - DWB/JMB

SCALE: 1" = MILE

REVISED: 5/9/23 - DWB

DRG JOB No. 22344

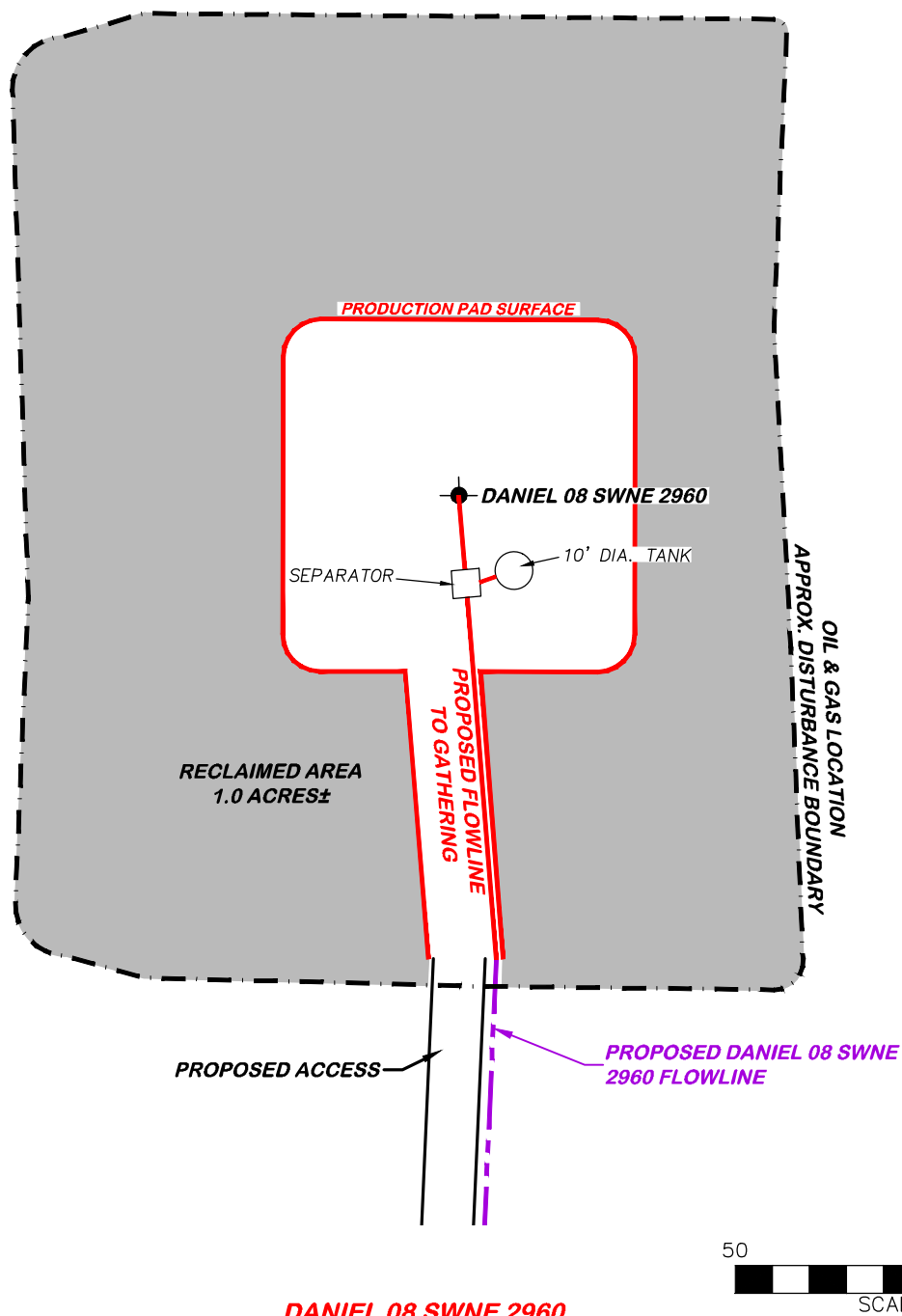
UPDATED MAP

304b(7)F ACCESS

PROPOSED ACCESS ROAD MAP

HAUL ROUTE
BNL ENTERPRISE
DANIEL 08 SWNE 2960
SWNE, SECTION 8, T. 29 S., R. 60 W., 6th P.M.,
LAS ANIMAS COUNTY, COLORADO

APPROXIMATE DISTURBANCE AREA 1.2± ACRES
 PROPOSED RECLAMATION AREA: 1.0± ACRES
 INTERIM RECLAMATION DISTURBANCE: 0.2± ACRES



DRG RIFFIN & ASSOCIATES, INC. <small>(307) 362-5028 1414 ELK ST., ROCK SPRINGS, WY 82901</small>	
DRAWN: 4/12/23 - DWB/JMB	SCALE: 1" = 50'
REVISED: NA	DRG JOB No. 22344
	304b(7)Bv FACILITY

CONSTRUCTION LAYOUT DRAWING 5 OF 5
FACILITY LAYOUT DRAWING BNL ENTERPRISE DANIEL 08 SWNE 2960 SWNE, SECTION 8, T. 29 S., R. 60 W., 6th P.M., LAS ANIMAS COUNTY, COLORADO

EMERGENCY CONTACTS

a. **BNL (Enterprise) Inc.**

Name	Title	Office Number	Cell Phone
Peter Kondrat	Chief Operating Officer (main company contact)		970-759-5370
Ross Warner	Legal		rwarn@bluestarhelium.com
Andrea Gross – Upstream Petroleum Management Inc.	Community & Public Relations	303-942-0506	720-339-4277
24 Hour Emergency Phone Number: 303-632-0160			

b. **First Responders**

Name	Staffing	Emergency Number	Dispatch Phone
Hoehne Area Volunteer Fire Department	Volunteer	911	719-695-0810
Piñon Canyon Maneuver Site	Volunteer	911	
Las Animas County Sheriff	Full Time	911	719-846-2211
Colorado State Patrol	Full	911	
Flight for Life Colorado			

c. **Regulatory Contacts**

Name	Office Number	Cell Phone
COGCC	303-894-2100	None
CDPHE	877-518-5608	None
CPW	303-291-7227	None
National Response Center	800-424-8802	None

d. **Medical Facilities**

Name	Office Number	Location
Spanish Peaks Hospital	719-323-5642	Walsenburg, CO (Level IV Trauma Center)
San Rafael Hospital	719-846-9213	Trinidad, CO (Level IV Trauma Center)
St. Mary-Corwin Medical Center	800-228-4039	Pueblo, CO (Flight for Life location)

e. **Spill Response Organization**

Name	Office Number	Cell Phone
Peter Kondrat		970-759-5370

f. **Fire, Explosion, associated with loss of well control**

Name	Emergency Number	Dispatch Phone
Hoehne Fire Protection District	911	719-252-2457
Piñon Canyon Maneuver Site	911	
Office of Emergency Management		719-845-2566

g. **Local Government Contacts**

Name	Title	Cell Phone
Robert Lucero	Las Animas LGD	719-845-2577
Joe Richards	Office of Emergency Management	719-845-2566

SPILL RESPONSE AND REPORTING

a. **Spill Response**

These Locations will not produce or encounter any hydrocarbons. Most common release will be unrefined 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 a 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.

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 BNL (Enterprise) Inc. and meets the COGCC reporting thresholds (see below), an example would be produced water from a water vault.

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 a water hauler over filling a truck which spills product onto the ground next to a flowing irrigation ditch.

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 BNL (Enterprise) Inc. 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 BNL (Enterprise) Inc. These regulatory guidelines will be strictly followed by BNL (Enterprise) Inc. and any contractors operating under BNL (Enterprise) Inc. guidance during all activities at the Bolling 04 NWSE 2960, Bolling 04 SESW 2960, Bolling 09 NWNW 2960, and Daniel 08 SWNE 2960.

EVACUATION INFORMATION

a. Evacuation Plan Procedures

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 BNL (Enterprise) Inc. 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 BNL (Enterprise) Inc. 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 BNL (Enterprise) Inc. 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.

General:

1. 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.
2. 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. BNL (Enterprise) Inc. 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.
3. BNL (Enterprise) Inc. 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.

COORDINATION WITH FIRST RESPONDERS

In the event of an emergency requiring First Responders, a unified command will be established between the BNL (Enterprise) Inc. appointed company man on location and First Responders present. A unified command post will be established based on conditions present at time of incident.

In the event of an emergency the Site Supervisor will call 719-643-3333 which dispatches several volunteer fire departments. Due to the remote nature and volunteer status of the fire departments who actually responds will be determined at the moment.

INCIDENT TYPES

a. Loss of Well-Control

What is it?

“Loss of well-control” means the uncontrolled flow of formation or other fluids from an exposed formation (an underground blowout) or at the surface (a surface blowout), flow through a diverter or uncontrolled flow resulting from a failure of surface equipment or procedures.

What are the unique response procedures?

The Operator will contact well-control personnel to reestablish control of the well. Reference the emergency contact list for well-control contractor contact information. The Operator personnel and contractors will take all reasonable measures to manage loss of well-control based on the level of training, knowledge and skills while waiting for arrival of well-control specialists. At a minimum, personnel will maintain positive scene control and security.

What are the unique reporting requirements?

Loss of well-control typically requires emergency reporting at the local level to ensure the local authorities are notified (call 911). Additional reporting requirements are related to whether or not petroleum products are released into the environment and other COGCC rules.

b. Explosion

What is it?

Explosions include the rapid destruction of separators, tanks or any type of equipment as result of over-pressurization and the subsequent failure of pressure relief devices, regardless of cause. This includes boiling liquid expanding vapor explosions (BLEVE).

A BLEVE is an explosion caused by the rupture of a vessel containing a pressurized liquid above its boiling point. There is a possibility of a BLEVE at the storage tanks on location as well as any other vessel capable of holding pressure and fluid. A BLEVE caused from a vessel containing oil can result in a secondary explosion of the Volatile Organic Carbon's (VOC) released into the atmosphere.

What are the unique response procedures?

Establish an initial evacuation and isolation zone immediately and prevent access. Maintain scene security until additional resources arrive who will take over. Established hot and warm zones must be expanded as is necessary. Muster areas may require moving from their designated locations. Evacuation of surrounding areas may be indicated. The on-scene supervisor will immediately communicate suggested evacuations of the surrounding area to authorities as needed.

What are the unique reporting requirements?

Immediately notify emergency services of the fire's type, approximate size and rate of spread. Additional reporting may be required if the explosion is accompanied by the release of a hazardous material.

c. Injury or Illness, regardless of cause

Any injury or illness to persons on location. This is to include all medically based and toxic exposure-based illnesses and injuries.

What are the unique response procedures?

EMS will need to be given as much information regarding the illness or injury before they arrive. Also, firstaid trained employees may render assistance, and require equipment to do so, until EMS arrives. Due to the remote location, Flight for Life may be the best option for transportation to the nearest and most capable medical facility. See contact information for medical facilities.

What are the unique reporting requirements?

Any injury or illness that results in an inpatient hospitalization, amputation or eye loss must be reported to OSHA within 24 hours. Any work-related fatality must be reported to OSHA within 8 hours. Contact the emergency coordinator if any employee or contractor is injured while working.

d. Fire Associated with Well

What is it?

This includes any fire that is associated with the wellhead or wellbore directly. Fires in this category can also include equipment, such as a coil rig, which is temporarily connected directly to the wellbore. This does not include fires that are isolated to equipment on location or the location itself that does not pose a threat directly to the well.

What Are the Unique Response Procedures?

Isolate equipment to the extent it can be safely done. Isolate the location. Maintain positive scene control. What Are the Unique Reporting Requirements?

Emergency services should be notified immediately and the type, approximate size, and rate of spread of the fire disclosed to dispatch.

e. Vehicle Crash on Location

Any incident on location that involves the collision of a vehicle with another vehicle or piece of equipment that includes the wellhead itself. The vehicle does not have to be determined inoperable to meet this definition. This also is to include all heavy equipment that may be found on location. Such as backhoes, skid steers, cranes, loaders, etc.

What are the Unique Response Procedures?

Care should be taken to de-energize any lines or equipment including the vehicle that is involved in the incident to reduce the possibility of fire or explosion. EMS will need to be given as much information regarding the injury before they arrive. Also, first aid trained employees may render assistance, and require equipment to do so, until EMS arrives. Due to the remote nature of the site, Life Flight Dispatch will be initiated if warranted.

What are the Unique Reporting Requirements?

Accident reports must be submitted to COGCC in a timely manner. Report to insurance agencies.

f. Natural Disasters

Any and all natural disasters including but not limited to flooding, tornadoes, lightning strikes, severe storms, etc. Natural disasters can fall into all three categories of response with appropriate forewarning.

What Are the Unique Response Procedures?

Natural disasters can pose significant hazards due to the potential release of hydrocarbons and other toxic substances. The emergency coordinator will share information on impending natural disasters that may impact a site. Employees and contractors will notify the emergency coordinator in the event they become aware of an impending natural disaster. Employees and contractors will take appropriate actions to secure each site to help minimize problems.

Preventative actions can include shutting in wells, removal of portable equipment from the site, confirmation that confirm integrity of previously installed protective measures and other similar efforts.

What Are the Unique Reporting Requirements? Reporting requirements are based on the outcome.

TRAINING REQUIREMENTS

This plan requires training in several areas. At a minimum, employees and contractors will have:

- 1) Initial training on the plan's contents and basic emergency-response procedures for all BNL (Enterprise) Inc. employees and contractors that work at their locations.
- 2) Annual retraining to remind personnel of key areas and to update employees on new and emerging considerations that impact emergency activities.
- 3) Topical training that covers the appropriate emergency type including, but not limited to, the following:
 - a) HAZWOPER Level I/II First-Response Operations HAZWOPER training for leasehold-operators/pumper-gaugers
 - b) HAZWOPER Level III Hazardous Materials Technician (24-hour) for anyone that cleans up hazardous materials (except for incidental releases)
 - c) HAZWOPER Level III Hazardous Materials Technician and Level V IC training for anyone that serves as an Incident Commander.
 - d) Training on the contents of this plan and site plans (this training may be conducted as part of other training or as separate sessions)
 - e) SPCC training for leasehold-operators/pumper-gaugers as described in sections 4.1 and 4.3 of the SPCC plan (this training may be conducted as part of other training or as separate sessions)
 - f) Level I Well-Control Awareness for leasehold-operators/pumper-gaugers
 - g) Incipient firefighting and emergency fire-extinguisher use for all leasehold-operators/pumper-gaugers and anyone else that may use a fire-extinguisher at a site
 - h) Confined space rescue training for employees tasked with this responsibility (initially and as needed to retain skills appropriate for the rescue situations encountered)
 - i) First Aid, CPR and Automated External Defibrillator (AED) training initially and once every two years thereafter to maintain certification at required levels.
 - j) Other appropriate training

BNL (Enterprise) Inc. documents and retains all of the following records:

- Employee training records
- Contractor-employee training records
- Records of any hazardous materials releases
- Records required under the SPCC plan
- Other related records in conformance with applicable laws and regulations