AFMSS

U.S. Department of the Interior
Bureau of Land Management

Application for Permit to Drill

APD Package Report

Date Printed: 02/09/2026 01:37 PM

APD ID:	10400107636	Well Status:	AAPD
APD Received Date:	11/20/2025 11:48 AM	Well Name:	TRISTE DRAW 36-25 FEDER
Operator:	COTERRA ENERGY OPERATING C	Well Number:	212H

APD Package Report Contents

- Form 3160-3

- Operator Certification Report

- Application Report
- Application Attachments
  -- Well Plat: 1 file(s)

- Drilling Plan Report
- Drilling Plan Attachments
  -- Blowout Prevention Choke Diagram Attachment: 5 file(s)
  -- Blowout Prevention BOP Diagram Attachment: 1 file(s)
  -- Casing Design Assumptions and Worksheet(s): 1 file(s)
  -- Hydrogen sulfide drilling operations plan: 1 file(s)
  -- Proposed horizontal/directional/multi-lateral plan submission: 6 file(s)
  -- Other Facets: 2 file(s)
  -- Other Variances: 1 file(s)

- SUPO Report
- SUPO Attachments
  -- Existing Road Map: 1 file(s)
  -- Attach Well map: 1 file(s)
  -- Production Facilities map: 1 file(s)
  -- Water source and transportation map: 1 file(s)
  -- Well Site Layout Diagram: 1 file(s)
  -- Recontouring attachment: 1 file(s)

- PWD Report
- PWD Attachments
  -- None

- Bond Report
- Bond Attachments

-- None

Form 3160-3
(October 2024)

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2027

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No.: NMLC063228

6. If Indian, Allotee or Tribe Name:

1a. Type of work: ☑ DRILL ☐ REENTER

1b. Type of Well: ☑ Oil Well ☐ Gas Well ☐ Other

1c. Type of Completion: ☐ Hydraulic Fracturing ☐ Single Zone ☑ Multiple Zone

7. If Unit or CA Agreement, Name and No.:

8. Lease Name and Well No.: TRISTE DRAW 36-25 FEDERAL COM 212H

2. Name of Operator: COTERRA ENERGY OPERATING CO

9. API Well No.: 30-025-55926

3a. Address: 3001 DEAUVILLE BLVD SUITE 300 N, MIDLAND, TX 797

3b. Phone No. *(include area code)*: (432) 620-1642

10. Field and Pool, or Exploratory: TRISTE DRAW/BONE SPRING

4. Location of Well *(Report location clearly and in accordance with any State requirements.*)*

At surface: SESW / 1302 FSL / 2285 FWL / LAT 32.257521 / LONG -103.629478

At proposed prod. zone: NENW / 100 FNL / 1850 FWL / LAT 32.282704 / LONG -103.6309

11. Sec., T. R. M. or Blk. and Survey or Area: SEC 36/T23S/R32E/NMP

14. Distance in miles and direction from nearest town or post office*: 30 miles

12. County or Parish: LEA

13. State: NM

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any): 0 feet

16. No of acres in lease:

17. Spacing Unit dedicated to this well: 320.0

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.: 20 feet

19. Proposed Depth: 10730 feet / 20947 feet

20. BLM/BIA Bond No. in file: FED: NMB001188

21. Elevations (Show whether DF, KDB, RT, GL, etc.): 3660 feet

22. Approximate date work will start*: 01/15/2026

23. Estimated duration: 30 days

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, and the Hydraulic Fracturing rule per 43 CFR 3162.3-3 (as applicable)

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be requested by the BLM.

25. Signature	Name *(Printed/Typed)*	Date
(Electronic Submission)	CRYSTAL DENSON / Ph: (432) 620-1642	11/20/2025

Title: Regulatory Analyst

Approved by *(Signature)*	Name *(Printed/Typed)*	Date
(Electronic Submission)	CODY LAYTON / Ph: (575) 234-5959	02/09/2026

Title	Office
Assistant Field Manager Lands & Minerals	Carlsbad Field Office

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

APPROVED WITH CONDITIONS

(Continued on page 2)

*(Instructions on page 2)

Approval Date: 02/09/2026

INSTRUCTIONS

GENERAL: This form is designed for submitting proposals to perform certain well operations, as indicated on Federal and Indian lands and leases for action by appropriate Federal agencies, pursuant to applicable Federal laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from local Federal offices.

ITEM I: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable Federal regulations concerning subsequent work proposals or reports on the well.

ITEM 4: Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local Federal offices for specific instructions.

ITEM 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on the reverse side, showing the roads to, and the surveyed location of, the wen, and any other required information, should be furnished when required by Federal agency offices.

ITEMS 15 AND 18: If well is to be, or has been directionany drilled, give distances for subsurface location of hole in any present or objective productive zone.

ITEM 22: Consult applicable Federal regulations, or appropriate officials, concerning approval of the proposal before operations are started.

ITEM 24: If the proposal will involve hydraulic fracturing operations, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

NOTICES

The Privacy Act of 1974 and regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 25 U.S.C. 396; 43 CFR 3160

PRINCIPAL PURPOSES: The information will be used to: (1) process and evaluate your application for a permit to drill a new oil, gas, or service wen or to reenter a plugged and abandoned well; and (2) document, for administrative use, information for the management, disposal and use of National Resource Lands and resources including (a) analyzing your proposal to discover and extract the Federal or Indian resources encountered; (b) reviewing procedures and equipment and the projected impact on the land involved; and (c) evaluating the effects of the proposed operation on the surface and subsurface water and other environmental impacts.

ROUTINE USE: Information from the record and/or the record win be transferred to appropriate Federal, State, and local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecution, in connection with congressional inquiries and for regulatory responsibilities.

EFFECT OF NOT PROVIDING INFORMATION: Filing of this application and disclosure of the information is mandatory only if you elect to initiate a drilling or reentry operation on an oil and gas lease.

The Paperwork Reduction Act of 1995 requires us to inform you that:
The BLM conects this information to anow evaluation of the technical, safety, and environmental factors involved with drilling for oil and/or gas on Federal and Indian oil and gas leases. This information will be used to analyze and approve applications. Response to this request is mandatory only if the operator elects to initiate drilling or reentry operations on an oil and gas lease. The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Conection Clearance Officer (WO-630), 1849 C Street, N.W., Mail Stop 401 LS, Washington, D.C. 20240.

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Approval Date: 02/09/2026

Additional Operator Remarks

Location of Well

0. SHL: SESW / 1302 FSL / 2285 FWL / TWSP: 23S / RANGE: 32E / SECTION: 36 / LAT: 32.257521 / LONG: -103.629478 (TVD: 0 feet, MD: 0 feet)

PPP: SWSW / 100 FSL / 1850 FWL / TWSP: 23S / RANGE: 32E / SECTION: 36 / LAT: 32.254212 / LONG: -103.630882 (TVD: 10137 feet, MD: 10246 feet)

PPP: NENW / 1320 FNL / 1850 FWL / TWSP: 23S / RANGE: 32E / SECTION: 36 / LAT: 32.279352 / LONG: -103.630898 (TVD: 10730 feet, MD: 19728 feet)

PPP: SWSW / 0 FSL / 1850 FWL / TWSP: 23S / RANGE: 32E / SECTION: 36 / LAT: 32.268452 / LONG: -103.630891 (TVD: 10730 feet, MD: 15758 feet)

BHL: NENW / 100 FNL / 1850 FWL / TWSP: 23S / RANGE: 32E / SECTION: 25 / LAT: 32.282704 / LONG: -103.6309 (TVD: 10730 feet, MD: 20947 feet)

BLM Point of Contact

Name: JANET D ESTES
Title: ADJUDICATOR
Phone: (575) 234-6233
Email: JESTES@BLM.GOV

Raw 36-25 FEDERAL COM 212H

APD - Geology COAs (Not in Potash or WIPP)

- For at least one well per pad (deepest well within initial development preferred) the record of the drilling rate (ROP) along with the Gamma Ray (GR) and Neutron (CNL) well logs run from TVD to surface in the vertical section of the hole shall be submitted to the BLM office as well as all other logs run on the full borehole 30 days from completion. Any other logs run on the wellbore, excluding cement remediation, should also be sent. Only digital copies of the logs in .TIF or .LAS formats are necessary; paper logs are no longer required. Logs shall be emailed to blm-cfo-geology@doimspp.onmicrosoft.com. Well completion report should have .pdf copies of any CBLs or Temp Logs run on the wellbore.

- Exceptions: In areas where there is extensive log coverage (in particular the salt zone adjacent to a pad), Operators are encouraged to contact BLM Geologists to discuss if additional GR and N logs are necessary on a pad. Operator may request a waiver of the GR and N log requirement due to good well control or other reasons to be approved by BLM Geologist prior to well completion. A waiver approved by BLM must be attached to completion well report to satisfy COAs.

- The top of the Rustler, top and bottom of the Salt, and the top of the Capitan Reef (if present) are to be recorded on the Completion Report.

Be aware that:

- H2S has been reported within one mile of the proposed project. Measurements up to 1000 ppm were recorded.

Questions? Contact Thomas Evans, BLM Geologist at 575-234-5965 or tvevans@blm.gov

PECOS DISTRICT
DRILLING CONDITIONS OF APPROVAL

OPERATOR'S NAME:	**Coterra Energy Operating Co**
LOCATION:	Section 36, T.23 S., R.32 E., NMPM
COUNTY:	Lea County, New Mexico

WELL NAME & NO.:	**Triste Draw 36-25 Federal Com 151H**
ATS/API ID:	**ATS-26-419**
APD ID:	**10400107607**
Sundry ID:	**N/A**

WELL NAME & NO.:	**Triste Draw 36-25 Federal Com 152H**
ATS/API ID:	**ATS-26-417**
APD ID:	**10400107608**
Sundry ID:	**N/A**

WELL NAME & NO.:	**Triste Draw 36-25 Federal Com 212H**
ATS/API ID:	**ATS-26-416**
APD ID:	**10400107636**
Sundry ID:	**N/A**

COA

 Approval Date: 02/09/2026

H2S	Yes		
Potash		None	
Cave/Karst Potential	Low		
Cave/Karst Potential	☐ Critical		
Variance	☐ None	☑ Flex Hose	☐ Other
Wellhead	Conventional and Multibowl		
Other	☐ 4 String ☐ 5 String	Capitan Reef None	☐ WIPP
Other	Pilot Hole None	☐ Open Annulus	
Cementing	Contingency Squeeze None	Echo-Meter None	Primary Cement Squeeze None
Special Requirements	☐ Water Disposal/Injection	☑ COM	☐ Unit
Special Requirements	☐ Batch Sundry	Waste Prevention Waste MP	
Special Requirements Variance	☐ BOPE Break Testing ☐ Offline BOPE Testing	☐ Offline Cementing	☐ Casing Clearance

 Approval Date: 02/09/2026

A. HYDROGEN SULFIDE

A Hydrogen Sulfide (H2S) Drilling Plan shall be activated 500 feet prior to drilling into the **Delaware** formation. As a result, the Hydrogen Sulfide area must meet **43 CFR part 3170 Subpart 3176** requirements, which includes equipment and personnel/public protection items. If Hydrogen Sulfide is encountered, please provide measured values and formations to the BLM.

B. CASING

1. The **13-3/8** inch surface casing shall be set at approximately **1320 feet** (a minimum of 70 feet into the Rustler Anhydrite and above the salt when present, and below usable fresh water) and cemented to the surface. The surface hole shall be **17 1/2** inch in diameter.

    a. If cement does not circulate to the surface, the appropriate BLM office shall be notified and a temperature survey utilizing an electronic type temperature survey with surface log readout will be used or a cement bond log shall be run to verify the top of the cement. Temperature survey will be run a minimum of six hours after pumping cement and ideally between 8-10 hours after completing the cement job.
    b. Wait on cement (WOC) time for a primary cement job will be a minimum of **8 hours** or 500 pounds compressive strength, whichever is greater. (This is to include the lead cement)
    c. Wait on cement (WOC) time for a remedial job will be a minimum of 4 hours after bringing cement to surface or 500 pounds compressive strength, whichever is greater.
    d. If cement falls back, remedial cementing will be done prior to drilling out that string.

2. The minimum required fill of cement behind the **9-5/8** inch intermediate casing is:

    - Cement to surface. If cement does not circulate see B.1.a, c-d above. **Wait on cement (WOC) time for a primary cement job is to include the lead cement slurry due to cave/karst or potash.**

    ❖ In Ochoa Potash Areas if cement does not circulate to surface on the first two casing strings, the cement on the 3rd casing string must come to surface.

3. The minimum required fill of cement behind the **5-1/2** inch production casing is:

    - Cement should tie-back at least **500 feet** into the previous casing string. Operator shall provide method of verification. **Wait on cement (WOC) time for a primary cement job is to include the lead cement slurry due to cave/karst or potash.**

C. PRESSURE CONTROL

1. Variance approved to use flex line from BOP to choke manifold. Manufacturer's specification to be readily available. No external damage to flex line. Flex line to be installed as straight as possible (no hard bends).'

2.

Option 1:

a. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the surface casing shoe shall be **3000 (3M)** psi.

b. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the **9-5/8** inch intermediate casing shoe shall be **5000 (5M)** psi.

Option 2:

Operator has proposed a multi-bowl wellhead assembly. This assembly will only be tested when installed on the **13-3/8** inch surface casing. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the surface casing shoe shall be **5000 (5M)** psi.

a. Wellhead shall be installed by manufacturer's representatives, submit documentation with subsequent sundry.
b. If the welding is performed by a third party, the manufacturer's representative shall monitor the temperature to verify that it does not exceed the maximum temperature of the seal.
c. Manufacturer representative shall install the test plug for the initial BOP test.
d. If the cement does not circulate and one inch operations would have been possible with a standard wellhead, the well head shall be cut off, cementing operations performed and another wellhead installed.
e. Whenever any seal subject to test pressure is broken, all the tests in 43 CFR 3172.6(b)(9) must be followed.

D. SPECIAL REQUIREMENT (S)

Communitization Agreement

- The operator will submit a Communitization Agreement to the Santa Fe Office, 301 Dinosaur Trail Santa Fe, New Mexico 87508, at least 90 days before the anticipated date of first production from a well subject to a spacing order issued by the New Mexico Oil Conservation Division. The Communitization Agreement will include the signatures of all working interest owners in all Federal and Indian leases subject to the Communitization Agreement (i.e., operating rights owners and lessees of record),

or certification that the operator has obtained the written signatures of all such owners and will make those signatures available to the BLM immediately upon request.

- The operator will submit an as-drilled survey well plat of the well completion, but are not limited to, those specified in **43 CFR part 3170 Subpart 3171**
- If the operator does not comply with this condition of approval, the BLM may take enforcement actions that include, but are not limited to, those specified in 43 CFR 3163.1.
- In addition, the well sign shall include the surface and bottom hole lease numbers. When the Communitization Agreement number is known, it shall also be on the sign.

GENERAL REQUIREMENTS

The BLM is to be notified in advance for a representative to witness:

a. Spudding well (minimum of 24 hours)
b. Setting and/or Cementing of all casing strings (minimum of 4 hours)
c. BOPE tests (minimum of 4 hours)

☑ Lea County
Call the Hobbs Field Station, 414 West Taylor, Hobbs NM 88240,
(575) 689-5981

1. Unless the production casing has been run and cemented or the well has been properly plugged, the drilling rig shall not be removed from over the hole without prior approval.

   a. In the event the operator has proposed to drill multiple wells utilizing a skid/walking rig. Operator shall secure the wellbore on the current well, after installing and testing the wellhead, by installing a blind flange of like pressure rating to the wellhead and a pressure gauge that can be monitored while drilling is performed on the other well(s).
   b. When the operator proposes to set surface casing with Spudder Rig
      - Notify the BLM when moving in and removing the Spudder Rig.
      - Notify the BLM when moving in the 2nd Rig. Rig to be moved in within 90 days of notification that Spudder Rig has left the location.
      - BOP/BOPE test to be conducted per **43 CFR part 3170 Subpart 3172** as soon as 2nd Rig is rigged up on well.

2. Floor controls are required for 3M or Greater systems. These controls will be on the rig floor, unobstructed, readily accessible to the driller and will be operational at all times during drilling and/or completion activities. Rig floor is defined as the area immediately around the rotary table; the area immediately above the substructure on which the draw works are located, this does not include the dog house or stairway area.

A. CASING

1. Changes to the approved APD casing program need prior approval if the items substituted are of lesser grade or different casing size or are Non-API. The Operator can exchange the components of the proposal with that of superior strength (i.e. changing from J-55 to N-80, or from 36# to 40#). Changes to the approved cement program need prior approval if the altered cement plan has less volume or strength or if the changes are substantial (i.e. Multistage tool, ECP, etc.). The initial wellhead installed on the well will remain on the well with spools used as needed.

2. Wait on cement (WOC) for Potash Areas: After cementing but before commencing any tests, the casing string shall stand cemented under pressure until both of the following conditions have been met: 1) cement reaches a minimum compressive strength of 500 psi for all cement blends of both lead and tail cement, 2) until cement has been in place at least 8 hours. WOC time will be recorded in the driller's log. The casing integrity test can be done (prior to the cement setting up) immediately after bumping the plug.

3. Wait on cement (WOC) for Water Basin: After cementing but before commencing any tests, the casing string shall stand cemented under pressure until both of the following conditions have been met: 1) cement reaches a minimum compressive strength of 500 psi at the shoe, 2) until cement has been in place at least 8 hours. WOC time will be recorded in the driller's log. See individual casing strings for details regarding lead cement slurry requirements. The casing integrity test can be done (prior to the cement setting up) immediately after bumping the plug.

4. Acceptable Method of Cement Verifications:

    a. Observing cement circulated to surface.
    b. Cement bond log (CBL).
    c. Temperature log within 8-10 hours after completing the cement job.
    d. Echometer (if a second-stage bradenhead squeeze is being used).

5. Provide compressive strengths including hours to reach required 500 pounds compressive strength prior to cementing each casing string. Have well specific cement details onsite prior to pumping the cement for each casing string.

6. No pea gravel permitted for remedial or fall back remedial without prior authorization from the BLM engineer.

7. On that portion of any well approved for a 5M BOPE system or greater, a pressure integrity test of each casing shoe shall be performed. Formation at the shoe shall be tested to a minimum of the mud weight equivalent anticipated to control the formation pressure to the next casing depth or at total depth of the well. This test shall be performed before drilling more than 20 feet of new hole.

8. If hardband drill pipe is rotated inside casing, returns will be monitored for metal. If metal is found in samples, drill pipe will be pulled and rubber protectors which have a larger diameter than the tool joints of the drill pipe will be installed prior to continuing drilling operations.

9. Whenever a casing string is cemented in the R-111-P potash area, the NMOCD requirements shall be followed.

B. PRESSURE CONTROL

1. All blowout preventer (BOP) and related equipment (BOPE) shall comply with well control requirements as described in **43 CFR part 3170 Subpart 3172** and **API STD 53 Sec. 5.3**.

2. If a variance is approved for a flexible hose to be installed from the BOP to the choke manifold, the following requirements apply: The flex line must meet the requirements of API 16C. Check condition of flexible line from BOP to choke manifold, replace if exterior is damaged or if line fails test. Line to be as straight as possible with no hard bends and is to be anchored according to Manufacturer's requirements. The flexible hose can be exchanged with a hose of equal size and equal or greater pressure rating. Anchor requirements, specification sheet and hydrostatic pressure test certification matching the hose in service, to be onsite for review. These documents shall be posted in the company man's trailer and on the rig floor.

3. 5M or higher system requires an HCR valve, remote kill line and annular to match. The remote kill line is to be installed prior to testing the system and tested to stack pressure.

4. If the operator has proposed a multi-bowl wellhead assembly in the APD. The following requirements must be met:

    a. Wellhead shall be installed by manufacturer's representatives, submit documentation with subsequent sundry.
    b. If the welding is performed by a third party, the manufacturer's representative shall monitor the temperature to verify that it does not exceed the maximum temperature of the seal.
    c. Manufacturer representative shall install the test plug for the initial BOP test.
    d. Whenever any seal subject to test pressure is broken, all the tests in 43 CFR 3172.6(b)(9) must be followed.
    e. If the cement does not circulate and one inch operations would have been possible with a standard wellhead, the well head shall be cut off, cementing operations performed and another wellhead installed.

5. The appropriate BLM office shall be notified a minimum of 4 hours in advance for a representative to witness the tests.

    a. In a water basin, for all casing strings utilizing slips, these are to be set as soon as the crew and rig are ready and any fallback cement remediation has been done. The casing cut-off and BOP installation can be initiated four hours after installing the slips, which will be approximately six hours after bumping the plug. For those casing strings not using slips, the minimum wait time before cut-off is eight hours after bumping the plug. BOP/BOPE testing can begin after cut-off or once cement reaches 500 psi compressive strength (including lead cement), whichever is greater. However, if the float does not hold, cut-

off cannot be initiated until cement reaches 500 psi compressive strength (including lead when specified).

b. In potash areas, for all casing strings utilizing slips, these are to be set as soon as the crew and rig are ready and any fallback cement remediation has been done. For all casing strings, casing cut-off and BOP installation can be initiated at twelve hours after bumping the cement plug. The BOPE test can be initiated after bumping the cement plug with the casing valve open. (only applies to single stage cement jobs, prior to the cement setting up.)

c. The tests shall be done by an independent service company utilizing a test plug not a cup or J-packer and can be initiated immediately with the casing valve open. The operator also has the option of utilizing an independent tester to test without a plug (i.e. against the casing) pursuant to **43 CFR part 3170 Subpart 3172** with the pressure not to exceed 70% of the burst rating for the casing. Any test against the casing must meet the WOC time for 8 hours or 500 pounds compressive strength, whichever is greater, prior to initiating the test (see casing segment as lead cement may be critical item).

d. The test shall be run on a 5000 psi chart for a 2-3M BOP/BOP, on a 10000 psi chart for a 5M BOP/BOPE and on a 15000 psi chart for a 10M BOP/BOPE. If a linear chart is used, it shall be a one hour chart. A circular chart shall have a maximum 2 hour clock. If a twelve hour or twenty-four hour chart is used, tester shall make a notation that it is run with a two hour clock.

e. The results of the test shall be reported to the appropriate BLM office.

f. All tests are required to be recorded on a calibrated test chart. A copy of the BOP/BOPE test chart and a copy of independent service company test will be submitted to the appropriate BLM office.

g. The BOP/BOPE test shall include a low pressure test from 250 to 300 psi. The test will be held for a minimum of 10 minutes if test is done with a test plug and 30 minutes without a test plug. This test shall be performed prior to the test at full stack pressure.

h. BOP/BOPE must be tested by an independent service company within 500 feet of the top of the Wolfcamp formation if the time between the setting of the intermediate casing and reaching this depth exceeds 20 days. This test does not exclude the test prior to drilling out the casing shoe as per **43 CFR part 3170 Subpart 3172**.

C. DRILLING MUD

Mud system monitoring equipment, with derrick floor indicators and visual and audio alarms, shall be operating before drilling into the Wolfcamp formation, and shall be used until production casing is run and cemented.

D. WASTE MATERIAL AND FLUIDS

All waste (i.e. drilling fluids, trash, salts, chemicals, sewage, gray water, etc.) created as a result of drilling operations and completion operations shall be safely contained and disposed of properly at a waste disposal facility. No waste material or fluid shall be disposed of on the well location or surrounding area.

Porto-johns and trash containers will be on-location during fracturing operations or any other crew-intensive operations.

Long Vo (LVO) 2/4/2026

AFMSS
U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Operator Certification Data Report

02/09/2026

Operator

I hereby certify that I, or someone under my direct supervision, have inspected the drill site and access route proposed herein; that I am familiar with the conditions which currently exist; that I have full knowledge of state and Federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for the operations conducted under this application. These statements are subject to the provisions of 18 U.S.C. 1001 for the filing of false statements.

NAME: SHELLY BOWEN **Signed on:** 01/22/2026

Title: Regulatory Analyst

Street Address: 6001 DEAUVILLE BLVD STE 300N

City: MIDLAND **State:** TX **Zip:** 79706

Phone: (432)620-1644

Email address: DL_PBUREGULATORY@COTERRA.COM

Field

Representative Name:

Street Address:

City: **State:** **Zip:**

Phone:

Email address:

AFMSS
U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Application Data
02/09/2026

APD ID: 10400107636
Submission Date: 11/20/2025
Operator Name: COTERRA ENERGY OPERATING CO
Well Name: TRISTE DRAW 36-25 FEDERAL COM
Well Number: 212H
Well Type: OIL WELL
Well Work Type: Drill

Highlighted data reflects the most recent changes
Show Final Text

Section 1 - General

APD ID: 10400107636
Tie to previous NOS? N
Submission Date: 11/20/2025
BLM Office: Carlsbad
User: SHELLY BOWEN
Title: Regulatory Analyst
Federal/Indian APD: FED
Is the first lease penetrated for production Federal or Indian? FED
Lease number: NMLC063228
Lease Acres:
Surface access agreement in place?
Allotted?
Reservation:
Agreement in place? NO
Federal or Indian agreement:
Agreement number:
Agreement name:
Keep application confidential? Y
Permitting Agent? NO
APD Operator: COTERRA ENERGY OPERATING CO
Operator letter of

Operator Info

Operator Organization Name: COTERRA ENERGY OPERATING CO
Operator Address: 3001 DEAUVILLE BLVD SUITE 300 N
Zip: 79705
Operator PO Box:
Operator City: MIDLAND
State: TX
Operator Phone: (432)620-1642
Operator Internet Address:

Section 2 - Well Information

Well in Master Development Plan? NO
Master Development Plan name:
Well in Master SUPO? NO
Master SUPO name:
Well in Master Drilling Plan? NO
Master Drilling Plan name:
Well Name: TRISTE DRAW 36-25 FEDERAL COM
Well Number: 212H
Field/Pool or Exploratory? Field and Pool
Field Name: TRISTE DRAW
Pool Name: BONE SPRING

Operator Name: COTERRA ENERGY OPERATING CO

Well Name: TRISTE DRAW 36-25 FEDERAL COM **Well Number:** 212H

Is the proposed well in an area containing other mineral resources? NATURAL GAS,OIL

Is the proposed well in a Helium production area? N **Use Existing Well Pad?** N **New surface disturbance?**

Type of Well Pad: MULTIPLE WELL **Multiple Well Pad Name:** Triste Draw **Number:** 36-25 Federal Com

Well Class: HORIZONTAL **Number of Legs:** 1

Well Work Type: Drill

Well Type: OIL WELL

Describe Well Type:

Well sub-Type: INFILL

Describe sub-type:

Distance to town: 30 Miles **Distance to nearest well:** 20 FT **Distance to lease line:** 0 FT

Reservoir well spacing assigned acres Measurement: 320 Acres

Well plat: TRISTE_DRAW_36_25_FED_COM_E2W2_212H_C102_1.21.2026_20260121165727.pdf

Well work start Date: 01/15/2026 **Duration:** 30 DAYS

Section 3 - Well Location Table

Survey Type: RECTANGULAR

Describe Survey Type:

Datum: NAD83 **Vertical Datum:** NAVD88

Survey number: **Reference Datum:** GROUND LEVEL

Wellbore	NS-Foot	NS Indicator	EW-Foot	EW Indicator	Twsp	Range	Section	Aliquot/Lot/Tract	Latitude	Longitude	County	State	Meridian	Lease Type	Lease Number	Elevation	MD	TVD	Will this well produce from this
SHL Leg #1	1302	FSL	2285	FWL	23S	32E	36	Aliquot SESW	32.257521	-103.629478	LEA	NEW MEXICO	NEW MEXICO	S	STATE	3660			N
KOP Leg #1	100	FSL	1850	FWL	23S	32E	36	Aliquot SWSW	32.254212	-103.630882	LEA	NEW MEXICO	NEW MEXICO	S	STATE	-6477	10246	10137	N
PPP Leg #1-1	100	FSL	1850	FWL	23S	32E	36	Aliquot SWSW	32.254212	-103.630882	LEA	NEW MEXICO	NEW MEXICO	S	STATE	-6477	10246	10137	N

Operator Name: COTERRA ENERGY OPERATING CO

Well Name: TRISTE DRAW 36-25 FEDERAL COM **Well Number:** 212H

Wellbore	NS-Foot	NS Indicator	EW-Foot	EW Indicator	Twsp	Range	Section	Aliquot/Lot/Tract	Latitude	Longitude	County	State	Meridian	Lease Type	Lease Number	Elevation	MD	TVD	Will this well produce from this
PPP Leg #1-2	0	FSL	1850	FWL	23S	32E	36	Aliquot SWSW	32.268452	-103.630891	LEA	NEW MEXICO	NEW MEXICO	F	NMLC063228	-7070	15758	10730	N
PPP Leg #1-3	1320	FNL	1850	FWL	23S	32E	36	Aliquot NENW	32.279352	-103.630898	LEA	NEW MEXICO	NEW MEXICO	S	STATE	-7070	19728	10730	N
EXIT Leg #1	100	FNL	1850	FWL	23S	32E	25	Aliquot NENW	32.282704	-103.6309	LEA	NEW MEXICO	NEW MEXICO	F	NMNM 86154	-7070	20947	10730	Y
BHL Leg #1	100	FNL	1850	FWL	23S	32E	25	Aliquot NENW	32.282704	-103.6309	LEA	NEW MEXICO	NEW MEXICO	F	NMNM 86154	-7070	20947	10730	Y

C-102

Submit Electronically
Via OCD Permitting

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION

Revised July 9, 2024

Submittal Type: ☒ Initial Submittal ☐ Amended Report ☐ As Drilled

WELL LOCATION INFORMATION

API Number	Pool Code	Pool Name
30-025-55926	96603	Triste Draw; Bone Spring

Property Code	Property Name	Well Number
336010	TRISTE DRAW 36-25 FEDERAL COM	212H

OGRID No.	Operator Name	Ground Level Elevation
215099	COTERRA ENERGY OPERATING CO.	3660.3'

Surface Owner: ☒ State ☐ Fee ☐ Tribal ☐ Federal Mineral Owner: ☒ State ☐ Fee ☐ Tribal ☒ Federal

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
N	36	23S	32E		1302 SOUTH	2285 WEST	32.257521°	-103.629478°	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
C	25	23S	32E		100 NORTH	1850 WEST	32.282704°	-103.630900°	LEA

Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
320	Infill	30-025-53121	~~N~~ Y	C

Order Numbers. NA Well setbacks are under Common Ownership: ☒ Yes ☐ No

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
N	36	23S	32E		100 SOUTH	1850 WEST	32.254212°	-103.630882°	LEA

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
N	36	23S	32E		100 SOUTH	1850 WEST	32.254212°	-103.630882°	LEA

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
C	25	23S	32E		100 NORTH	1850 WEST	32.282704°	-103.630900°	LEA

Unitized Area or Area of Uniform Interest	Spacing Unit Type	Ground Floor Elevation:
E2W2 Secs 25 & 36	☒ Horizontal ☐ Vertical	3660.3

OPERATOR CERTIFICATIONS

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief , and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.

Crystal Denson 1/21/2026

Signature Date

Crystal Denson

Printed Name

Crystal.Denson@coterra.com

Email Address

SURVEYOR CERTIFICATIONS

I hereby certify that the well location shown on this plat was plotted from the field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

PAUL BUCHELE NEW MEXICO 23782 09-16-25 PROFESSIONAL SURVEYOR

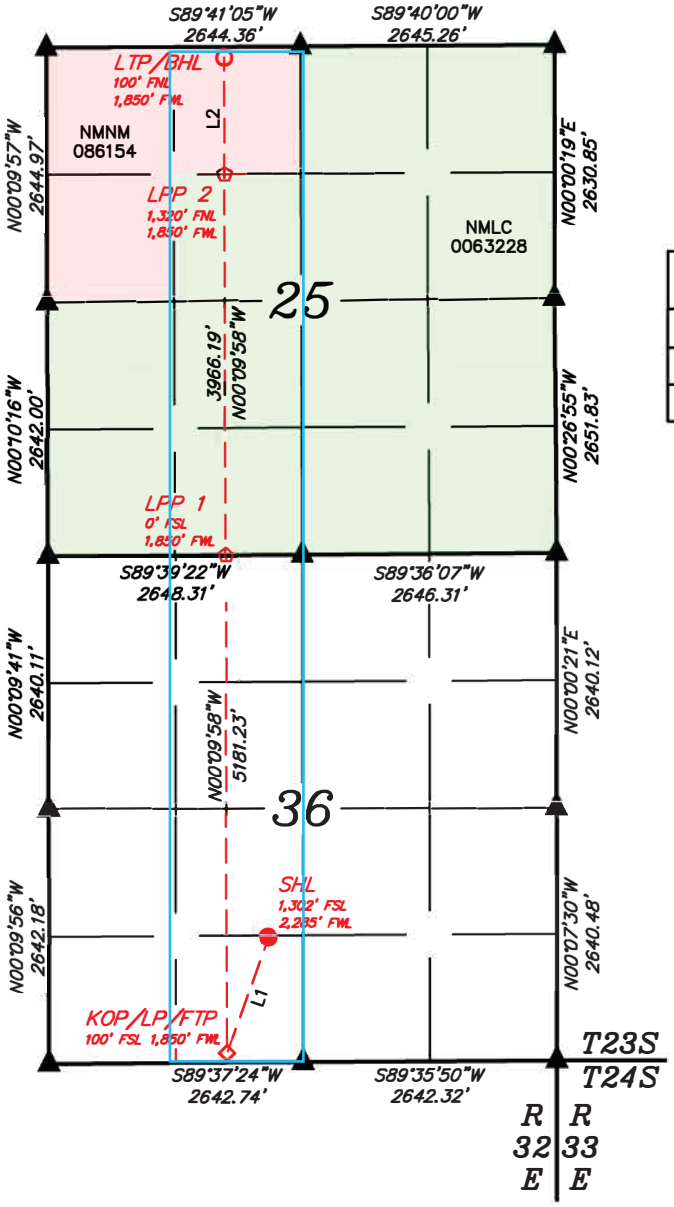
Signature and Seal of Professional Surveyor

23782 July 19, 2024

Certificate Number Date of Survey

Note: No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.

Property Name	Well Number	Drawn By	Revised By
TRISTE DRAW 36-25 FEDERAL COM	212H	H.S.S. 09-16-25	



LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S19°41'21"W	1279.87'
L2	N00°09'58"W	1219.86'

NOTE:
- Distances referenced on plat to section lines are perpendicular.
- Basis of Bearings is a Transverse Mercator Projection with a Central Meridian of W103°53'00" (NAD 83)
- Colored areas within section lines represent Oil & Gas Leases.

NAD 83 (SURFACE HOLE LOCATION)
LATITUDE = 32°15'27.08" (32.257521°)
LONGITUDE = -103°37'46.12" (-103.629478°)
NAD 27 (SURFACE HOLE LOCATION)
LATITUDE = 32°15'26.63" (32.257398°)
LONGITUDE = -103°37'44.39" (-103.628997°)
STATE PLANE NAD 83 (N.M. EAST)
N: 458132.75' E: 758914.50'
STATE PLANE NAD 27 (N.M. EAST)
N: 458073.60' E: 717730.78'

NAD 83 (KOP/LP/FTP)
LATITUDE = 32°15'15.16" (32.254212°)
LONGITUDE = -103°37'51.18" (-103.630882°)
NAD 27 (KOP/LP/FTP)
LATITUDE = 32°15'14.72" (32.254089°)
LONGITUDE = -103°37'49.44" (-103.630401°)
STATE PLANE NAD 83 (N.M. EAST)
N: 456926.13' E: 758488.42'
STATE PLANE NAD 27 (N.M. EAST)
N: 456867.01' E: 717304.67'

- ● = SURFACE HOLE LOCATION
- ◇ = KICK OFF POINT/LANDING POINT/ FIRST TAKE POINT
- ○ = LAST TAKE POINT/ BOTTOM HOLE LOCATION
- ⬠ = LEASE PENETRATION POINT
- ▲ = SECTION CORNER LOCATED

NAD 83 (LPP 1)
LATITUDE = 32°16'06.43" (32.268452°)
LONGITUDE = -103°37'51.21" (-103.630891°)
NAD 27 (LPP 1)
LATITUDE = 32°16'05.98" (32.268328°)
LONGITUDE = -103°37'49.47" (-103.630409°)
STATE PLANE NAD 83 (N.M. EAST)
N: 462106.31' E: 758451.69'
STATE PLANE NAD 27 (N.M. EAST)
N: 462047.05' E: 717268.07'

NAD 83 (LPP 2)
LATITUDE = 32°16'45.67" (32.279352°)
LONGITUDE = -103°37'51.23" (-103.630898°)
NAD 27 (LPP 2)
LATITUDE = 32°16'45.22" (32.279228°)
LONGITUDE = -103°37'49.50" (-103.630416°)
STATE PLANE NAD 83 (N.M. EAST)
N: 466071.70' E: 758423.58'
STATE PLANE NAD 27 (N.M. EAST)
N: 466012.33' E: 717240.06'

NAD 83 (LTP/BHL)
LATITUDE = 32°16'57.74" (32.282704°)
LONGITUDE = -103°37'51.24" (-103.630900°)
NAD 27 (LTP/BHL)
LATITUDE = 32°16'57.29" (32.282581°)
LONGITUDE = -103°37'49.51" (-103.630418°)
STATE PLANE NAD 83 (N.M. EAST)
N: 467291.32' E: 758414.93'
STATE PLANE NAD 27 (N.M. EAST)
N: 467231.91' E: 717231.44'

AFMSS
U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Drilling Plan Data Report
02/09/2026

APD ID: 10400107636
Submission Date: 11/20/2025
Operator Name: COTERRA ENERGY OPERATING CO
Well Name: TRISTE DRAW 36-25 FEDERAL COM
Well Number: 212H
Well Type: OIL WELL
Well Work Type: Drill

Highlighted data reflects the most recent changes

Show Final Text

Section 1 - Geologic Formations

Formation ID	Formation Name	Elevation	True Vertical	Measured Depth	Lithologies	Mineral Resources	Producing Formatio
17392333	RUSTLER	0	1238	1238	ANHYDRITE	USEABLE WATER	N
17392334	TOP SALT	-1731	1731	1731	HALITE	NONE	N
17392332	LAMAR	-5005	5005	5005	SANDSTONE	NONE	N
17392335	BELL CANYON	-5060	5060	5060	SANDSTONE	NONE	N
17392336	CHERRY CANYON	-5940	5940	5940	SANDSTONE	NONE	N
17392337	BRUSHY CANYON	-7318	7318	7318	SANDSTONE	NONE	N
17392338	BRUSHY CANYON LOWER	-8633	8633	8633	SANDSTONE	NONE	N
17392339	BONE SPRING LIME	-8850	8850	8850	LIMESTONE	NONE	N
17392340	AVALON SAND	-9033	9033	9033	SHALE	NONE	N
17392341	AVALON SAND	-9465	9465	9465	SHALE	NONE	N
17392342	BONE SPRING 1ST	-10050	10050	10050	SANDSTONE	NATURAL GAS, OIL	Y
17392343	BONE SPRING 2ND	-10635	10635	10635	SANDSTONE	NATURAL GAS, OIL	Y
17392344	BONE SPRING 2ND	-10730	10730	10730	SANDSTONE	NATURAL GAS, OIL	Y

Section 2 - Blowout Prevention

Operator Name: COTERRA ENERGY OPERATING CO

Well Name: TRISTE DRAW 36-25 FEDERAL COM **Well Number:** 212H

Pressure Rating (PSI): 10M **Rating Depth:** 20948

Equipment: A BOP consisting of three rams, including one blind ram and two pipe rams and one annular preventer. An accumulator that meets the requirements in Onshore Order #2 for the pressure rating of the BOP stack. A rotating head may be installed as needed. A Kelly clock will be installed and maintained in operable condition and a drill string safety valve in the open position will be available on the rig floor.
Requesting Variance? YES

Variance request: See attached.

Testing Procedure: 1. After running the first string of casing, a 10M BOP/BOPE system with 10M annular will be installed. BOPs will be tested according to Onshore Order #2. BOPE will be tested to full rated pressure (10K for all BOPE). For the low test, the system will be tested to 250 psi. 2. All BOP equipment will be tested utilizing a conventional test plug. 3. A remote kill line is included in the BOPE system 4. All casing strings will be tested per Onshore Order #2, to 0.22 psi/ft or 1,500 psi, whichever is greater, not to exceed 70% of casing burst. 5. If well conditions dictate, conventional slips will be set and BOPE will be tested to appropriate pressures based on permitted pressure requirements.

Choke Diagram Attachment:

NEW_MEXICO_STANDARD_VARIANCES_REV.1_20251119185642.pdf

10M_BOPE_BLM_SUBMISSION_REV.0_20251119185642.pdf

CHOKE_HOSE_M15486_20251119185642.pdf

COTERRA_10M_MBU_3T_CFL_13.38_X_9.58_X_5.5_HBE1215DQ_20251119185642.pdf

COTERRA_10K_PROD_TREE_20251119185642.pdf

BOP Diagram Attachment:

10M_BOP_DIAGRAM_20251119185652.pdf

Section 3 - Casing

Casing ID	String Type	Hole Size	Csg Size	Condition	Standard	Tapered String	Top Set MD	Bottom Set MD	Top Set TVD	Bottom Set TVD	Top Set MSL	Bottom Set MSL	Calculated casing length MD	Grade	Weight	Joint Type	Collapse SF	Burst SF	Joint SF Type	Joint SF	Body SF Type	Body SF
1	SURFACE	17.5	13.375	NEW	API	N	0	1320	0	1320	3658	2338	1320	H-40	48	ST&C	1.3	3.04	DRY	5.08	DRY	5.08
2	INTERMEDIATE	12.25	9.625	NEW	API	N	0	5030	0	5030	3658	-1372	5030	HCK-55	40	LT&C	1.41	1.47	DRY	2.79	DRY	2.79
3	PRODUCTION	7.75	5.5	NEW	API	N	0	20948	0	10730	3658	-7072	20948	P-110	20	BUTT	2.21	2.46	DRY	66.36	DRY	66.36

Casing Attachments

Operator Name: COTERRA ENERGY OPERATING CO

Well Name: TRISTE DRAW 36-25 FEDERAL COM **Well Number:** 212H

Casing Attachments

Casing ID: 1 **String** SURFACE

Inspection Document:

Spec Document:

Tapered String Spec:

Casing Design Assumptions and Worksheet(s):

Casing ID: 2 **String** INTERMEDIATE

Inspection Document:

Spec Document:

Tapered String Spec:

Casing Design Assumptions and Worksheet(s):

212H_Casing_Assumptions_20251119185812.pdf

Casing ID: 3 **String** PRODUCTION

Inspection Document:

Spec Document:

Tapered String Spec:

Casing Design Assumptions and Worksheet(s):

Section 4 - Cement

Operator Name: COTERRA ENERGY OPERATING CO

Well Name: TRISTE DRAW 36-25 FEDERAL COM **Well Number:** 212H

String Type	Lead/Tail	Stage Tool Depth	Top MD	Bottom MD	Quantity(sx)	Yield	Density	Cu Ft	Excess%	Cement type	Additives
SURFACE	Lead		0	1020	640	1.72	13.5	1101	45	Class C	Bentonite
SURFACE	Tail		1020	1320	171	1.34	14.8	230	45	Class C	LCM
INTERMEDIATE	Lead		0	4730	943	1.88	12.9	1773	51	36:65 (Poz c)	Salt, Bentonite
INTERMEDIATE	Tail		4730	5030	292	1.34	14.8	392	51	Class C	LCM
PRODUCTION	Lead		4830	19948	600	2.35	10.8	1410	25	Tuned Light	Class H
PRODUCTION	Tail		19948	20948	2140	1.3	14.2	2782	25	50:50 (Poz:H)	Salt, Bentonite, Fluid Loss, Dispersant, SMS

Section 5 - Circulating Medium

Mud System Type: Closed

Will an air or gas system be Used? NO

Description of the equipment for the circulating system in accordance with 43 CFR 3172:

Diagram of the equipment for the circulating system in accordance with 43 CFR 3172:

Describe what will be on location to control well or mitigate other conditions: Sufficient mud materials to maintain mud properties and meet minimum lost circulation and weight increase requirements will be kept on location at all times.

Describe the mud monitoring system utilized: PVT/Pason/Visual Monitoring

Circulating Medium Table

Top Depth	Bottom Depth	Mud Type	Min Weight (lbs/gal)	Max Weight (lbs/gal)	Density (lbs/cu ft)	Gel Strength (lbs/100 sqft)	PH	Viscosity (CP)	Salinity (ppm)	Filtration (cc)	Additional Characteristics
0	1320	OTHER : Fresh water	7.8	8.3							
1320	5030	OTHER : Brine water	9.8	10.3							

Operator Name: COTERRA ENERGY OPERATING CO

Well Name: TRISTE DRAW 36-25 FEDERAL COM **Well Number:** 212H

Top Depth	Bottom Depth	Mud Type	Min Weight (lbs/gal)	Max Weight (lbs/gal)	Density (lbs/cu ft)	Gel Strength (lbs/100 sqft)	PH	Viscosity (CP)	Salinity (ppm)	Filtration (cc)	Additional Characteristics
5030	20948	OTHER : Cut brine or OBM	8.5	9							

Section 6 - Test, Logging, Coring

List of production tests including testing procedures, equipment and safety measures:

Logs will be run on the 401H.

List of open and cased hole logs run in the well:

DIRECTIONAL SURVEY,

Coring operation description for the well:

N/A

Section 7 - Pressure

Anticipated Bottom Hole Pressure: 5021 **Anticipated Surface Pressure:** 2660

Anticipated Bottom Hole Temperature(F): 177

Anticipated abnormal pressures, temperatures, or potential geologic hazards? NO

Describe:

Contingency Plans geoharzards description:

Contingency Plans geohazards

Hydrogen Sulfide drilling operations plan required? YES

Hydrogen sulfide drilling operations

H2S_PLAN_REV.0_20250415122307.pdf

Operator Name: COTERRA ENERGY OPERATING CO

Well Name: TRISTE DRAW 36-25 FEDERAL COM **Well Number:** 212H

Section 8 - Other Information

Proposed horizontal/directional/multi-lateral plan submission:

WELL_CONTROL_PLAN_REV.0_20251119191254.pdf
Proposal___Coterra_Triste_Draw_36_25_Federal_Com_212H_Rev0_kFc_06Oct25_20251119191320.pdf
WP___Coterra_Triste_Draw_36_25_Federal_Com_212H_Rev0_kFc_06Oct25_20251119191320.pdf
3D_ACSummary_10____Coterra_Triste_Draw_36_25_Federal_Com_212H_Rev0_kFc_06Oct25_20251119191320.pdf

Proposal_100____Coterra_Triste_Draw_36_25_Federal_Com_212H_Rev0_kFc_06Oct25_20251119191320.pdf
212H_Drilling_Plan_New_Mexico_20251120080923.pdf

Other proposed operations facets description:

Other proposed operations facets attachment:

TRISTE_DRAW_36_25_FED_COM_E2W2_rig_layout_20251119191348.pdf
Triste_Draw_36_25_212H_Natural_Gas_Plan_20251120082115.pdf

Other Variance request(s)?: Y

Other Variance attachment:

NEW_MEXICO_STANDARD_VARIANCES_REV.1_20251119191419.pdf

Standard New Mexico Variances

Variance Request #1: Skid Rig after Cementing Surface Casing

Coterra requests permission to skid the rig to the next well on the pad in order to begin operations immediately after the cement job for the surface casing has been completed. After the cement job is completed, no operations on the subject well will be conducted until at least 8 hours have elapsed, and both lead and tail slurries have achieved 500 psi compressive strength. While cement cures, the surface casing of the subject well will be suspended in the well by a mandrel and landing ring system, which is independent from the rig and ensures that casing remains centered while the rig is active on other wells. Before skidding the rig, a TA cap is installed on the subject well.

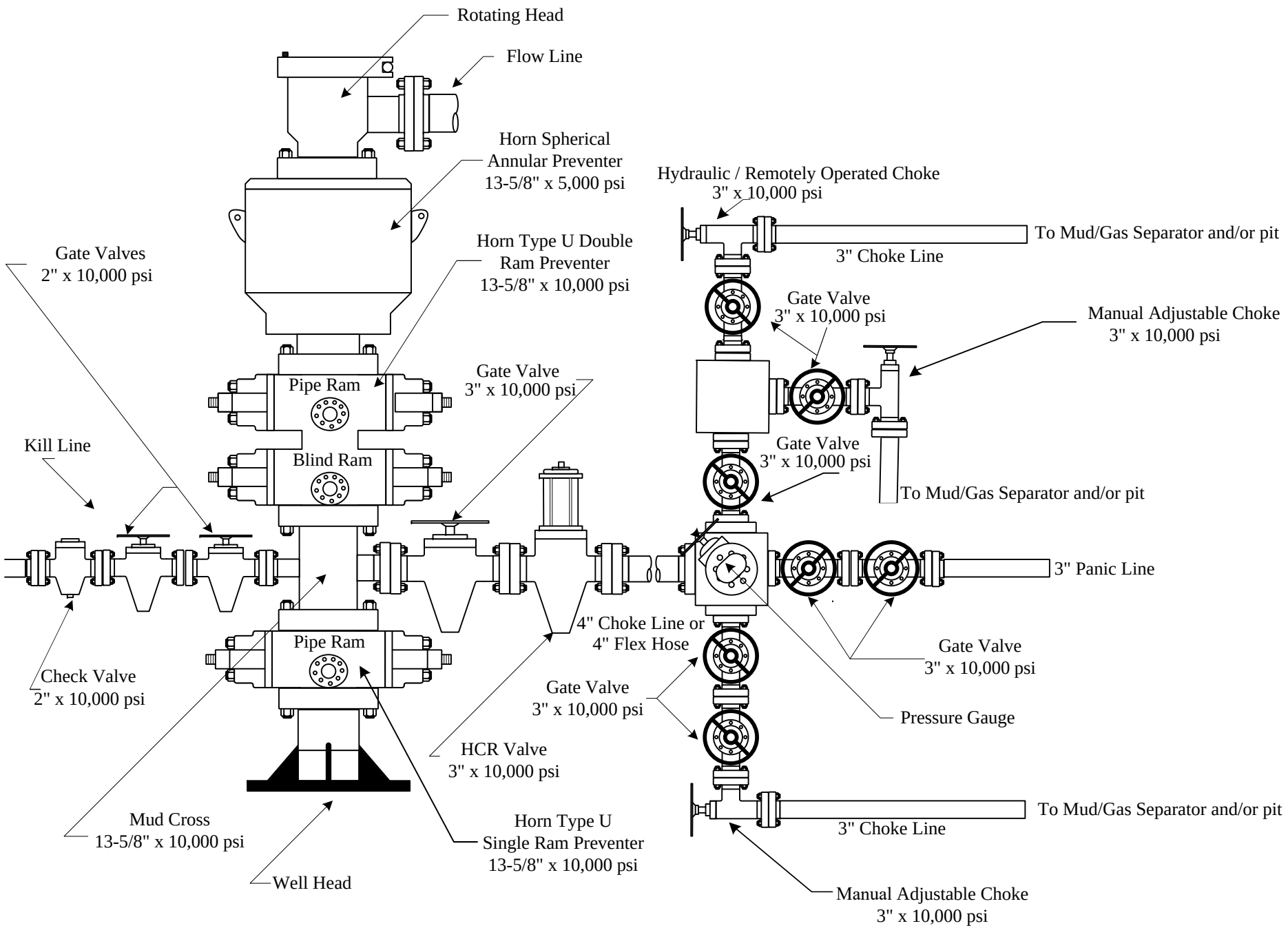
Variance Request #3: Omit the DV Tool from the Intermediate Casing

Coterra requests approval to omit the DV tool from the intermediate casing string. In lieu of a DV tool, Coterra will retain the option to pump down the intermediate annulus through casing valves with the appropriate cement slurry in the event returns to surface are not achieved on the primary job.

Variance Request #4: Utilize Co-Flex Choke Line

Coterra requests approval to utilize a co-flex choke line between the BOP and choke manifold. Certification for the proposed co-flex choke line is attached. The choke line is not required by the manufacturer to be anchored. In the event the specific co-flex choke line is not available, one of equal or higher rating will be used. Variance to include Hammer Union connections on lines downstream of the buffer tank only.

COTERRA



AustinHOSE

CERTIFICATE OF QUALITY

LTYY/QR-5.7.1-19B №: LT2024-156-001

Customer Name			
Product Name	Choke And Kill Hose		
Product Specification	3″×10000psi×35ft（10.67m）	Quantity	1PCS
Serial Number	VTC-7660257	FSL	FSL3
customer number	PO890145-001	Standard	API Spec 16C 3rd edition
Temperature Range	-29℃～+121℃	Inspection date	2024.09.03

Inspection Items	Inspection results
Appearance Checking	In accordance with API Spec 16C 3rd edition
Size and Lengths	In accordance with API Spec 16C 3rd edition
Dimensions and Tolerances	In accordance with API Spec 16C 3rd edition
End Connections: 4-1/16″×10000psi Integral flange for sour gas service	In accordance with API Spec 6A 21st edition
End Connections: 4-1/16″×10000psi Integral flange for sour gas service	In accordance with API Spec 17D 3rd edition
Hydrostatic Testing	In accordance with API Spec 16C 3rd edition
product Marking	In accordance with API Spec 16C 3rd edition
Inspection conclusion	The inspected items meet standard requirements of API Spec 16C 3rd edition
Remarks	16C-0403

Approver	Jane C	Auditor	Alice D	Inspector	Leo W

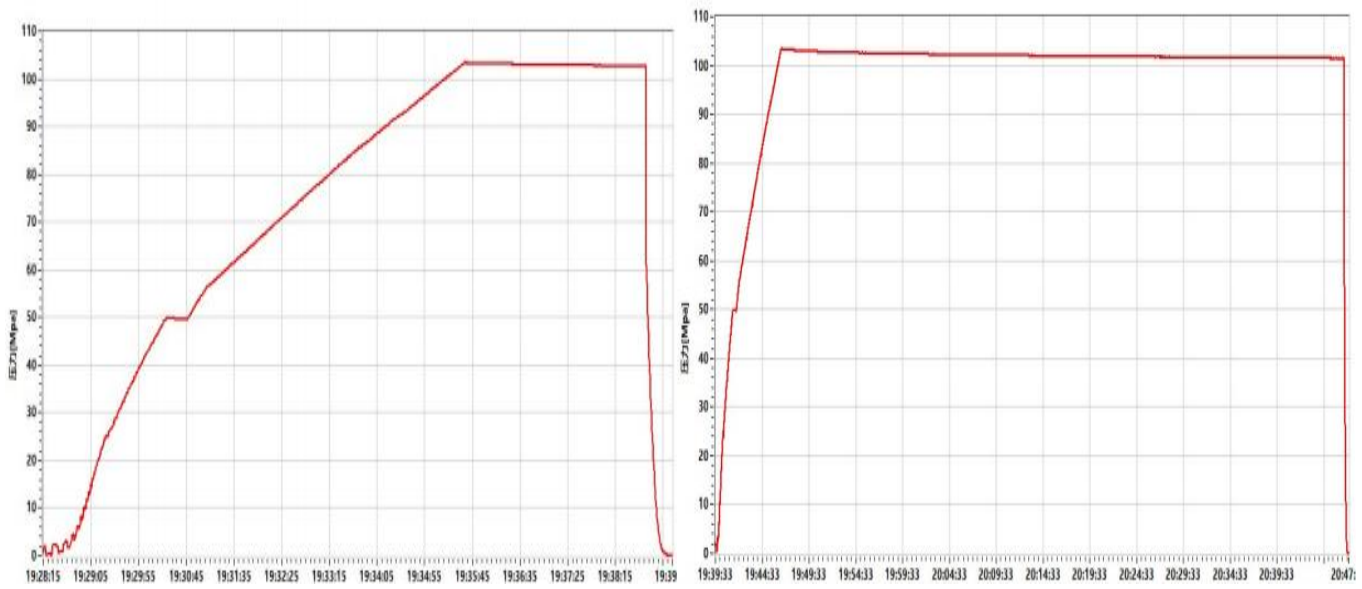
LUOHE LETONE HYDRAULICS TECHNOLOGY CO.,LTD LETONE

HYDROSTATIC TESTING REPORT

LTYY/QR-5.7.1-28 №: 24090301

Product Name	Choke And Kill Hose	Standard	API Spec 16C 3rd edition
Product Specification	3″×10000psi×35ft（10.67m）	Serial Number	VTC-7660257
Inspection Equipment	MTU-BS-1600-3200-E	Test medium	Water
customer number	PO890145-001	Inspection Date	2024.08.30
Rate of length change			
Standard requirements	At working pressure ,the rate of length change should not more than ±2%		
Testing result	10000psi (69.0MPa) ,Rate of length change 0.6%		
Hydrostatic testing			
Standard requirements	At 1.5 times working pressure, the initial pressure-holding period of not less than three minutes, the second pressure-holding period of not less than one hour, no leakage.		
Testing result	15000psi (103.5MPa), 3 min for the first time, 60 min for the second time, no leakage		

Graph of pressure testing：



Conclusion	The inspected items meet standard requirements of API Spec 16C 3rd edition 16C-0403				
Approver	Jane C	Auditor	Alice D	Inspector	Leo W

LUOHE LETONE HYDRAULICS TECHNOLOGY CO.,LTD

AustinHOSE

CERTIFICATE OF CONFORMANCE

№:LT24090307

Product Name：Choke And Kill Hose

Product Specification：3″×10000psi×35ft（10.67m）

Serial Number：VTC-7660257

customer number：PO890145-001

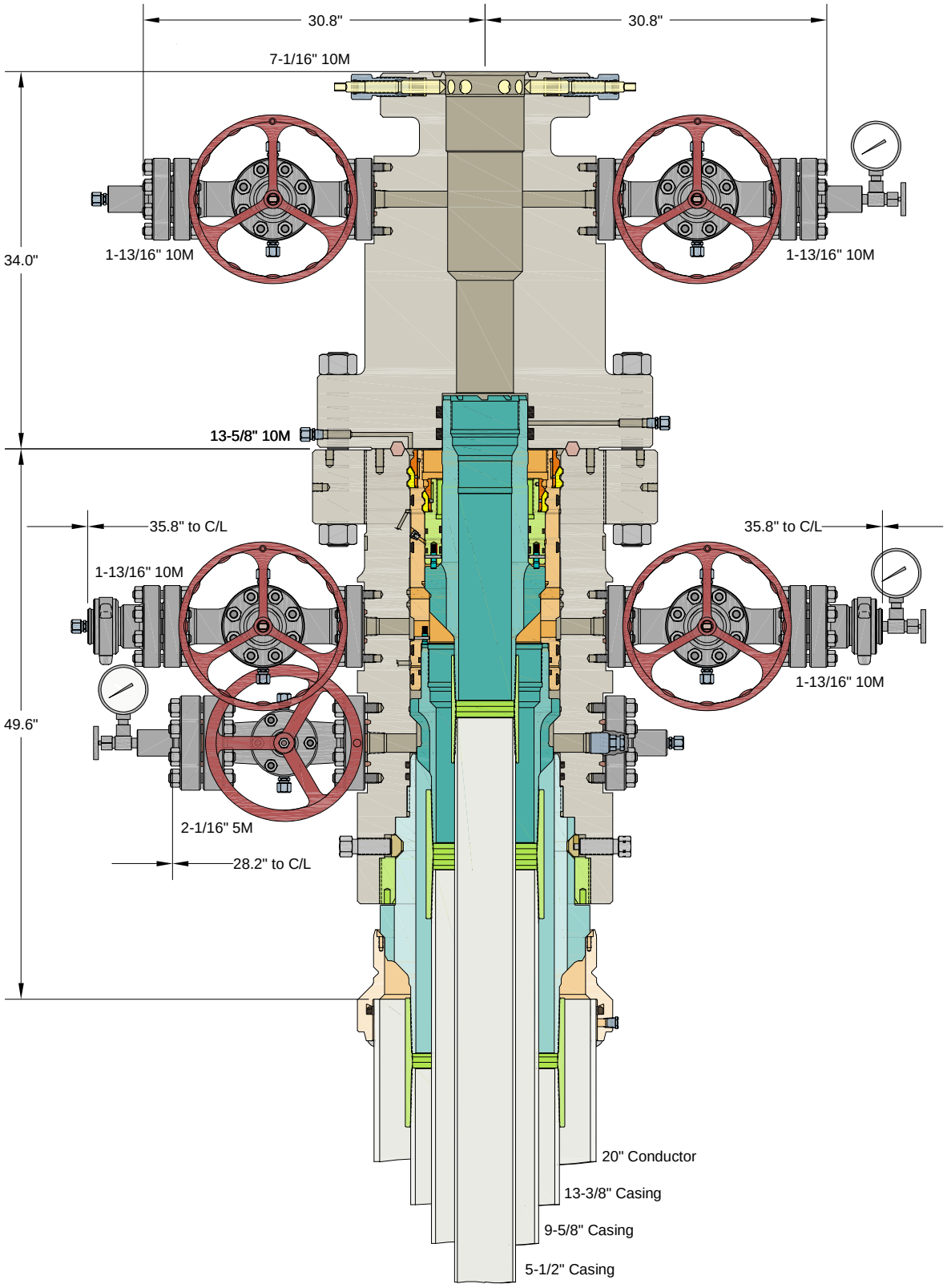
End Connections: 4-1/16″×10000psi Integral flange for sour gas service

The Choke And Kill Hose assembly was produced by LUOHE LETONE HYDRAULICS TECHNOLOGY CO.,LTD.in Sep,2024, and inspected by LUOHE LETONE HYDRAULICS TECHNOLOGY CO.,LTD. according to API Spec 16C 3rd edition on Sep 3, 2024. The overall condition is good. This is to certify that the Choke And Kill Hose complies with all current standards and specifications for API Spec 16C 3rd edition .

QC Manager： Jane C Date:Sep 3, 2024

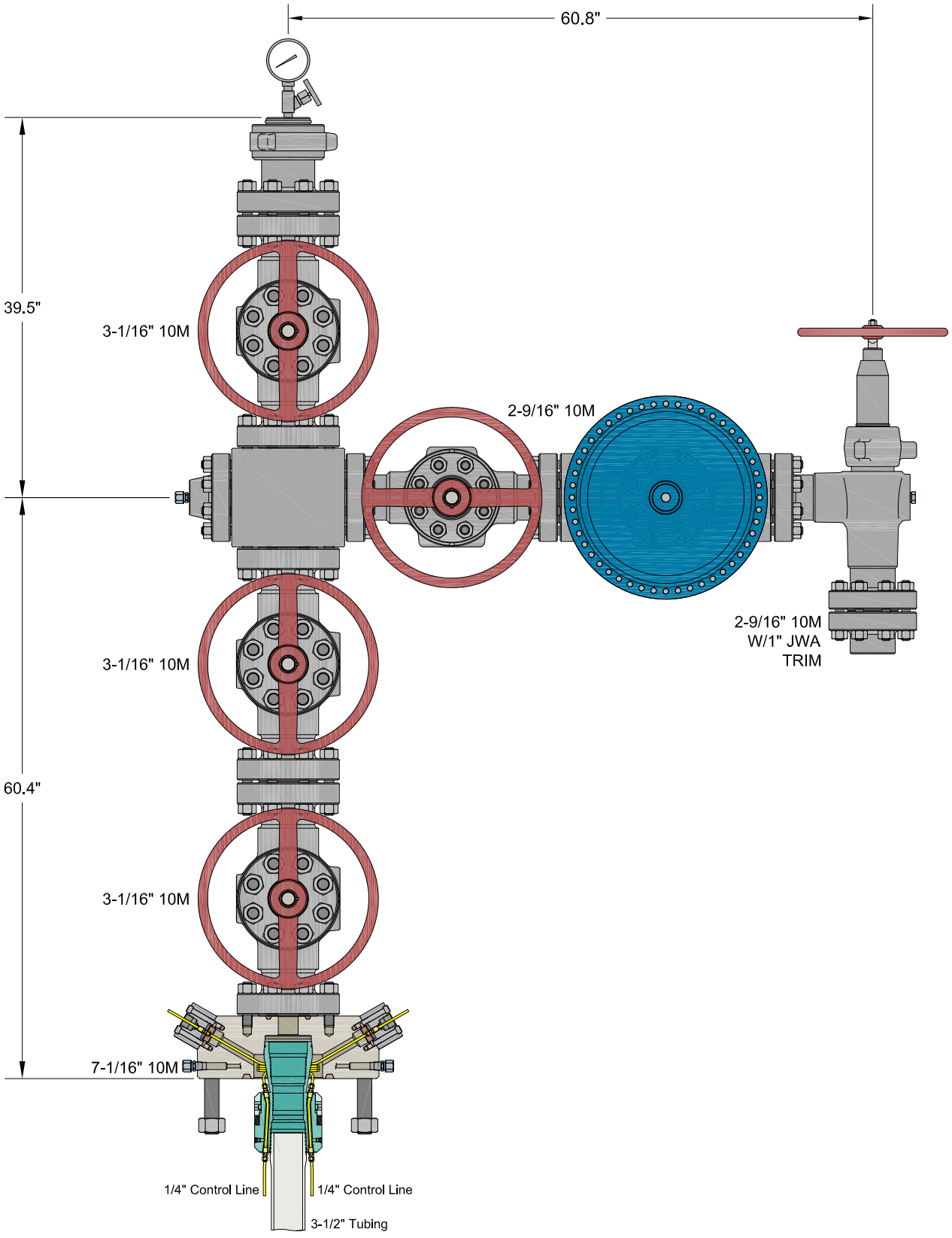
16C-0403

LUOHE LETONE HYDRAULICS TECHNOLOGY CO.,LTD	LETONE



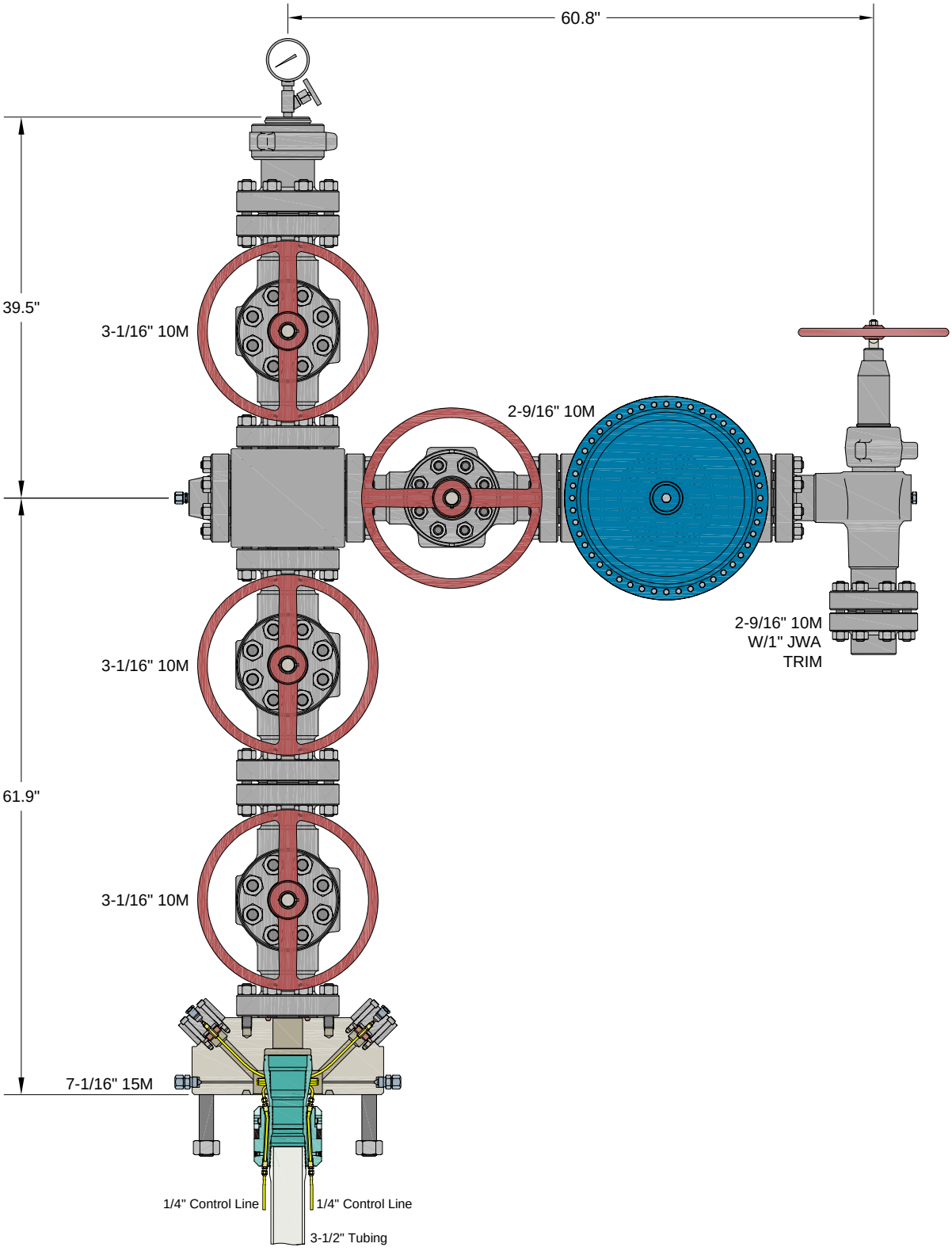
ALL DIMENSIONS APPROXIMAT

CACTUS WELLHEAD LLC	CIMAREX HOBBS, NM
20" x 13-3/8" x 9-5/8" x 5-1/2" MBU-3T-CFL Wellhead Sys. With 13-5/8" 10M x 7-1/16" 10M CTH-DBLHPS Tubing Head And 9-5/8" & 5-1/2" Fluted Mandrel Casing Hangers	DRAWN VJK 01MAY24 APPRV DRAWING NO. HBE0001215



ALL DIMENSIONS APPROXIMATE

CACTUS WELLHEAD LLC	CIMAREX HOBBS, NM
7-1/16" 10M x 3-1/16" x 2-9/16" 10M Production Tree Assembly With 7-1/16" 10M x 3-1/16" 10M T40-CCL Tubing Head Adapter And 7-1/16" 3-1/2" T40-CCL Tubing Hanger	DRAWN VJK 05SEP23 APPRV DRAWING NO. HBE0001018



ALL DIMENSIONS APPROXIMAT

CACTUS WELLHEAD LLC	CIMAREX HOBBS, NM	
7-1/16" 15M x 3-1/16" x 2-9/16" 10M Production Tree Assembly With 7-1/16" 15M x 3-1/16" 10M T40-CCL Tubing Head Adapter And 7-1/16" 3-1/2" T40-CCL Tubing Hanger	DRAWN	VJK 13DEC23
	APPRV	
	DRAWING NO.	HBE0001018

Cactus

Quotation

Hobbs, NM
4120 W Carlsbad Hwy
Hobbs NM 88240
Phone: 817-682-8336

Quote Number : HBE0001018

Date: 09/08/2023

Valid For 30 Days

Bill To: 7050

CIMAREX
ATTN: DAVID SHAW
202 S CHEYENNE AVENUE SUITE 1000
TULSA OK 74103
US

Ship To: 1016

2023 PRICING REVIEW
202 S Cheyenne Ave Ste 1000
Tulsa OK 74103-3001
US

	Quantity	Price	Ext Price

CIMAREX

HOBBS, NM

PRODUCTION TREE ASSEMBLY
7-1/16" 10M X 3-1/16" 10M X 2-9/16" 10M
OPTIONAL 15M ADAPTER

QUOTATION SUMMARY:

- PRODUCTION TREE ASSEMBLY - $49,338.02

CACTUS CONTACT:
RILEY STAFFORD / MIKE SPINKS
OFFICE: 405.708.7217 (RILEY) / 713.396.5762 (MIKE)
MOBILE: 405.445.2222 (RILEY) / 832.691.7724 (MIKE)
EMAIL: riley.stafford@cactuswellhead.com / mike.spinks@cactuswellhead.com

DUE TO VOLATILITY IN THE STEEL MARKET, PRICING FOR ITEMS MADE FROM NICKEL ALLOYS (EX. 410SS, 17-4PHSS, INCONEL, ETC.) WILL BE VALID FOR TWO WEEKS. CW WILL REVIEW AND ADJUST, IF NECESSARY, AT ORDER PLACEMENT.

PREMIUM THREADED CASING HANGERS/RUNNING TOOLS & CUSTOMER SPECIFIC EQUIPMENT ARE NON-CANCELABLE AND MAY REQUIRE A PURCHASE ORDER (PO) PRIOR TO MANUFACTURING.

SUPPLY CHAIN PRICING IS BASED UPON A 135 DAY DELIVERY ARO. EXPEDITED PRICING CAN BE PROVIDED UPON REQUEST. PRICES ARE F.O.B. CACTUS BOSSIER CITY, LA. THE FOLLOWING QUOTATION DOES NOT INCLUDE APPLICABLE MILEAGE AND SERVICE CHARGES THAT MAY BE CHARGED AT TIME OF INVOICING.

Cactus

Quotation

Hobbs, NM
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Hobbs NM 88240
Phone: 817-682-8336

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Date: 09/08/2023

Valid For 30 Days

		Quantity	Price	Ext Price
	PRODUCTION TREE ASSEMBLY			
1	124314P2	1.00	4,830.00	4,830.00
	ADPT,TBGHD,CW,T40-CCL,7-1/16 10M STD X 3-1/16 10M STD,W/TWO #14 DHCV W/1/4 LP INLETS,10000 PSI MAX WP,TEMP PU,MATL EE,PSL2,PR2			
2	120242MV	1.00	4,343.00	4,343.00
	VLV,CW,SB100,3-1/16 10M FE BB/EE-0,5 (API 6A LU BB/EE-0,5 PSL3 PR1) QPQ TRIM, API 6A PR1 SECTION 10.5.2 (BORE VENT HOLE)			
3	120242MV	1.00	4,343.00	4,343.00
	VLV,CW,SB100,3-1/16 10M FE BB/EE-0,5 (API 6A LU BB/EE-0,5 PSL3 PR1) QPQ TRIM, API 6A PR1 SECTION 10.5.2 (BORE VENT HOLE)			
4	128365	1.00	2,650.00	2,650.00
	CRSS,STD,AOZE,3-1/16 10M X 2-9/16 10M,6A-LU-EE-3			
5	120242MV	1.00	4,343.00	4,343.00
	VLV,CW,SB100,3-1/16 10M FE BB/EE-0,5 (API 6A LU BB/EE-0,5 PSL3 PR1) QPQ TRIM, API 6A PR1 SECTION 10.5.2 (BORE VENT HOLE)			
6	142800	1.00	1,270.00	1,270.00
	TREECAP,NEWAY,BHTA,B15A,3-1/16 10M X 3-1/2 EU ILT,W/1/2 NPT & 3.06 MIN BORE,MONOGRAMMED,TEMP PU,MATL EE,PSL2			
7	BX154	5.00	10.44	52.20
	RING GASKET,BX154,3-1/16 10/15/20M			
8	780077-20E1	16.00	19.83	317.28
	STUD,ALL-THD W/2 HVY HEX NUTS,BLK,1-8UNC X 7,API 20E BSL-1 ASTM A193 GR B7 ALL THREAD STUD W/2 API 20E BSL-1 ASTM A194 GR 2H HEAVY HEX NUTS,NO PLATING			
9	132879	1.00	495.00	495.00
	FLG,BLIND,AOZE,3-1/16 10M X 1/2 NPT,W/HUB,TEMP LU,MATL EE,PSL3			
10	100048	1.00	59.74	59.74
	FTG,GRS,VENTED CAP,1/2 NPT,4140 -50F W/ELECTROLESS NICKEL COATING NACE,K-MONEL BALL,INCONEL X-750 SPRING			
11	115900MV	1.00	3,285.00	3,285.00
	VLV,CW,SB100,2-9/16 10M FE BB/EE-0,5 (API 6A LU BB/EE-0,5 PSL2 PR2) QPQ TRIM, API 6A PR2 ANNEX F (BORE VENT HOLE)			
12	128567	1.00	8,292.00	8,292.00
	VLV/ACT,OMNI,FS-R,2-9/16 10M FE EE HF C/W MODEL DX-18 DIAPHRAGM PNEUMATIC ACTUATOR, FORGED BODY, REVERSE ACTING SLAB GATE, FLOATING SEATS & DIRECTIONAL FLOW BODY BUSHING (FLOW FROM RIGHT TO LEFT): MAT'L CLASS EE, HARDFACE TRIM, TEMP PU (-20 TO 250 F), PSL-2, PR-2; ACTUATOR: MATERIAL CLASS BB, TEMP P (-20F TO 180F) PR-2 (FC TYPE) W/MANUAL OVERRIDE,ACTUATOR REQUIRES 112 PSI TO OPEN AT FULL 10,000 PSI			
13	130652	1.00	7,500.00	7,500.00
	CHOKE,ADJ,HOE,H2,2-9/16 10M FE X FE ALLOY BDY,3" NOMINAL,W/ 2" SSTC TRIM,H2S SERVICE,API MONOGRAMMED,PSL-2 PR-2 TEMP-PU MATL-EE-1.5			
14	120734	1.00	399.00	399.00
	FLG,COMP,AOZE,2-9/16 10M X 2-7/8 EU,5000 PSI MAX WP,TEMP LU,PSL3,PR1			

Cactus

Quotation

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4120 W Carlsbad Hwy
Hobbs NM 88240
Phone: 817-682-8336

Quote Number : HBE0001018

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Valid For 30 Days

			Quantity	Price	Ext Price
15	BX153		5.00	11.54	57.70
	RING GASKET,BX153,2-9/16 10/15/20M				
16	780067-20E1		24.00	14.70	352.80
	STUD,ALL-THD W/2 HVY HEX NUTS,BLK,7/8-9UNC X 6-1/2,API 20E BSL-1 ASTM A193 GR B7 ALL THREAD STUD W/2 API 20E BSL-1 ASTM A194 GR 2H HEAVY HEX NUTS,NO PLATING				
17	135166		1.00	4,490.00	4,490.00
	TBGHGR,CW,T40-CCL,7-1/16 X 3-1/2 EU API MOD BOX BTM X 3-1/2 EU BOX TOP,W/3 HBPV THD,W/ TWO 1/4 CCL & DOVETAIL SEAL,CF 124316P2,10000 PSI MAX WP,17-4PH SS,TEMP PU,MATL FF-0,5,PSL2,PR2				
18	BX156		1.00	62.48	62.48
	RING GASKET,BX156,7-1/16 10/15/20M				
19	NVS		1.00	61.16	61.16
	NEEDLE VALVE,MFS,1/2 NPT MXF,10M PSI WP,CARBON STEEL BODY, 304/316SS STEM, TFE PACKING (NON-NACE)				
20	PG10M		1.00	58.24	58.24
	PRESSURE GAUGE,10M,4-1/2 FACE, LIQUID FILLED,1/2 NPT				
21	PRO	Prorata Freight	0.75	2,768.56	2,076.42
					49,338.02

OPTIONAL 15M ADAPTER

22	124999P2		0.00	7,423.00	0.00
	ADPT,TBGHD,CW,T40-CCL,7-1/16 15M STD X 3-1/16 10M STD,W/TWO #14 DHCV W/1/4 NPT INLET,10000 PSI MAX WP,TEMP PU,MAT'L EE,PSL2,PR2				
					0.00

For Acceptance of this Quotation
Please Contact Ph: 713-626-8800
sales@cactuswellhead.com

Matl:	47,261.60
Labor:	0.00
Misc:	2,076.42
Sales Tax:	0.00
Total:	49,338.02

Cactus

Quotation

Hobbs, NM
4120 W Carlsbad Hwy
Hobbs NM 88240
Phone: 817-682-8336

Quote Number : HBE0001018

Date: 09/08/2023

Valid For 30 Days

CACTUS WELLHEAD, LLC PURCHASE TERMS AND CONDITIONS

1. **ACCEPTANCE**: Acceptance of Cactus Wellhead, LLC (herein: Company) Purchase Terms and Conditions (herein: CACTUS Purchase Terms) shall be deemed effective upon shipment of the Products and/or rendering of Services which are the subject of an order by Customer (defined as the party purchasing CACTUS Products and or Services referred on the invoice). Any proposal made by Customer for additional or different terms and conditions or any attempt by Customer to vary in any degree any of the terms and conditions of CACTUS Purchase Terms is hereby rejected.

2. **PRICING**. Each Product and Service shall be invoiced at (and Customer shall pay) the respective price shown on the reverse side hereof, or if no price is shown on the reverse side hereof, at the price shown in the current price list of Company. In addition, Customer shall pay any and all additional charges for mileage, transportation, freight, packing and other related charges, as well as any federal, state or local tax, excise, or charge applicable on the sale, transportation, or use of Products and Services, unless otherwise specified.

3. **TERMS OF PAYMENT**. Customer agrees to pay Company any and all payments due on or before thirty (30) days from invoice date at the designated address of Company. Amounts unpaid after such thirty (30) day period shall bear interest at the lesser of (i) one and one-half percent (1½%) per month or (ii) the maximum rate allowed by law. Customer shall also pay any and all of Company's attorney's fees and court costs if any amounts hereunder are collected by an attorney or through legal proceedings. Company reserves the right, among other remedies, either to terminate this agreement or to suspend further deliveries upon failure of Customer to make any payment as provided herein.

4. **LIMITED WARRANTY**. COMPANY MAKES NO WARRANTY, EXPRESSED OR IMPLIED, AS TO THE MERCHANTABILITY, FITNESS FOR PURPOSE, DESCRIPTION, QUALITY, PRODUCTIVENESS, ACCURACY OR ANY OTHER MATTER WITH RESPECT TO PRODUCTS OR SERVICES, ALL SUCH WARRANTIES BEING HEREBY SPECIFICALLY AND EXPRESSLY DISCLAIMED BY COMPANY. COMPANY MAY OFFER TECHNICAL ADVICE OR ASSISTANCE WITH REGARD TO THE PRODUCTS AND SERVICES BASED ON LABORATORY AND/OR FIELD EXPERIENCE AND CUSTOMER UNDERSTANDS AND AGREES THAT SUCH ADVICE REPRESENTS ONLY GOOD FAITH OPINIONS AND DOES NOT CONSTITUTE A WARRANTY OR GUARANTEE. THE SOLE AND EXPRESS WARRANTY PROVIDED BY COMPANY IS TO WARRANT THAT THE PRODUCTS SOLD AS LISTED ON THE REVERSE SIDE HEREOF COMPLY WITH COMPANY'S SOLE SPECIFICATION AT THE DATE AND TIME OF MANUFACTURE. COMPANY MAKES NO WARRANTY THAT SUCH PRODUCTS SHALL MEET SUCH SPECIFICATION AT ANY TIME AFTER SHIPMENT OF PRODUCTS. USE OF SUCH PRODUCTS IS SPECIFICALLY NOT WARRANTED.

5. **REMEDY**. The exclusive remedy for this warranty for Products shall be limited to, in Company's sole discretion and judgment, the replacement of defective part(s), F.O.B. Company's plant (transportation, redesign, dismantling, disposal of material and installation are not included and shall be borne and paid for by Customer), or repair of defective part(s). . The exclusive remedy for this warranty for Services shall be limited to the repeat of Services performed F.O.B. Company's plant (transportation, redesign, dismantling, disposal of material and installation are not included and shall be borne and paid for by Customer). Any such repeat of Services or replacement or repair of Products shall not include any materials not sold by Company hereunder, and specifically excludes any obligation by Company related to other property of the Customer or any property of third parties. Provided, however, Company may in its sole discretion, decide to instead give Customer credit memorandum for the amounts already paid by Customer to Company for such Product or Service. IN ANY EVENT AND NOTWITHSTANDING THE LANGUAGE TO THE CONTRARY HEREIN, CUSTOMER ACKNOWLEDGES THAT ANY CLAIM IT MAY HAVE ARISING OUT OF OR IN CONNECTION WITH ANY ORIGINAL PRODUCTS AND SERVICES, ANY REPLACEMENT PRODUCTS OR REPEAT OF SERVICES AND THESE CACTUS PURCHASE TERMS SHALL BE LIMITED TO AND NOT EXCEED THE AMOUNT CUSTOMER HAS ACTUALLY PAID TO COMPANY FOR SUCH PRODUCTS AND/OR SERVICES PURSUANT HERETO. If Customer fails to make any such claim within thirty (30) days after completion of Service or delivery of Products, Customer hereby waives (to the extent permitted by applicable law) any and all claims it may or does have with respect to such Products and Services. Unless Customer is an authorized reseller of Company, Company's liability in connection with Products and Services shall extend only to Customer. CUSTOMER HEREBY INDEMNIFIES AND HOLDS COMPANY (AND ITS AGENTS, REPRESENTATIVES, OFFICERS DIRECTORS AND EMPLOYEES) HARMLESS FOR ANY LOSS, EXPENSE OR DAMAGE (WHETHER OF CUSTOMER OR OF ANY THIRD PARTY) ARISING FROM OR IN CONNECTION WITH PRODUCTS AND SERVICES, INCLUDING WITHOUT LIMITATION ANY FAILURE OF SUCH PRODUCTS AND SERVICES TO CONFORM TO CUSTOMER'S ORDER OR SPECIFICATION OR ANY OTHER STANDARD, OR ANY NEGLIGENCE OR BREACH OF WARRANTY BY COMPANY WITH RESPECT TO ANYTHING DONE OR FAILED TO HAVE BEEN DONE BY COMPANY, IF AND TO THE EXTENT THAT SUCH LOSS, EXPENSE OR DAMAGE EXCEEDS THE AMOUNT CUSTOMER HAS ACTUALLY PAID COMPANY PURSUANT HERETO FOR SUCH PRODUCTS OR SERVICES.

6. **INSPECTION**. The results of any inspection or testing reported by the Company to Customer represents only good faith opinions and are not to be construed as warranties or guarantees of the quality, classification, merchantability, fitness for purpose, condition, or liability of any equipment or material that has been inspected or tested by the Company.

7. **INSURANCE**. Each party agrees to maintain comprehensive general liability insurance in the amount of $1,000,000 each occurrence, $2,000,000 general aggregate, and Workers Compensation insurance per statutory requirements providing coverage for the indemnity obligations in this agreement. The Company (and such of its affiliates as it shall designate) including their officers, directors, members, shareholders, partners, joint ventures, employees, agents and representatives shall be named as additional insureds under the policies of Customer on a primary basis to the extent of its indemnification obligations set forth in these CACTUS Purchase Terms, and the policies shall also provide a waiver of subrogation rights in favor of the Company (and such of its affiliates as it shall designate) and their officers, directors, members, shareholders, employees, agents and representatives. The provisions of this Section 7 shall apply and the obligation to maintain insurance of each party in the coverages and amounts set forth herein shall remain in force regardless and independent of the validity or enforceability of the indemnity provisions of Section 8, below; the obligation to obtain insurance is a separate and independent obligation. If the insurance required herein is more or less than allowed by prevailing law, the indemnity obligations in Section 8 below shall be effective only to the maximum extent permitted under applicable law.

8. **INDEMNIFICATION**. The following indemnifications and releases of liability will apply to any Products or Services provided under this contract. COMPANY AND CUSTOMER EXPRESSLY AGREE THAT, TO THE EXTENT REQUIRED BY APPLICABLE LAW TO BE EFFECTIVE, THE INDEMNITIES AND DISCLAIMERS OF WARRANTIES CONTAINED HEREIN ARE "CONSPICUOUS."

A. **Customer Indemnity Obligations**. Customer hereby releases Company from any liability for, and shall protect, defend, indemnify, and hold harmless Company, its parents, affiliates, subsidiaries, partners, joint owners, joint ventures, and its contractors and subcontractors of any tier, and the officers, directors, agents, representatives, employees, insurers, and consultants (specifically excluding any member of Customer Group) of all of the foregoing, and its and their respective successors, heirs and assigns ("Company Group") from and against all costs (including the payment of reasonable attorneys' fees), losses, liabilities, demands, causes of action, damages, or claims of every type and character ("Claims"), arising out of or resulting from or related, directly or indirectly, to (i) injury to, illness or death of Customer its parents, affiliates, subsidiaries, partners, joint owners, joint ventures, and its contractors and subcontractors of any tier, and the officers, directors, agents, representatives, employees, customers, insurers, invitees and consultants of all of the foregoing, and its and their respective successors, heirs and assigns ("Customer Group"), or (ii) loss of or damage to any property of any member of Customer Group, REGARDLESS OF THE CAUSE OF SUCH CLAIMS, INCLUDING THE NEGLIGENCE (WHETHER SOLE, JOINT OR CONCURRENT, ACTIVE OR PASSIVE) STRICT LIABILITY, OR ANY OTHER LEGAL FAULT OR RESPONSIBILITY OF ANY MEMBER OF COMPANY GROUP, BUT NOT IN THE CASE OF GROSS NEGLIGENCE OR WILLFUL MISCONDUCT OF ANY MEMBER OF COMPANY GROUP.

B. **Company Indemnity Obligations**. Company hereby releases Customer from any liability for, and shall protect, defend, indemnify, and hold harmless Customer from and against all Claims arising out of or resulting from or related, directly or indirectly, to (i) injury to, illness or death of any member of Company Group, or (ii) loss of or damage to any property of any member of Company Group, REGARDLESS OF THE CAUSE OF SUCH CLAIMS, INCLUDING THE NEGLIGENCE (WHETHER SOLE, JOINT OR CONCURRENT, ACTIVE OR PASSIVE) STRICT LIABILITY, OR ANY OTHER LEGAL FAULT OR RESPONSIBILITY OF ANY MEMBER OF CUSTOMER GROUP, BUT NOT IN THE CASE OF GROSS NEGLIGENCE OR WILLFUL MISCONDUCT OF ANY MEMBER OF COMPANY GROUP.

C. **Third Party Claims**. Notwithstanding the foregoing, to the extent of its negligence, Company and Customer shall each indemnify, defend and hold harmless from and against all Claims, of every type and character, which are asserted by third parties for bodily injury, death or loss or destruction of property or interests in property in any manner caused by, directly or indirectly resulting from, incident to, connected with or arising out of the work to be performed, Services to be rendered or Products or materials furnished to Customer. When personal injury, death or loss of or damage to property is the result of joint or concurrent negligence of Customer and Company, the indemnitor's duty of indemnification shall be in proportion to its allocable share of such negligence.

D. **Pollution**. Company agrees that it shall be totally responsible for, and shall protect, defend and indemnify, Customer for all losses, damages, claims, demands, costs, charges, and other expenses, including attorneys' fees, for any and all waste and/or hazardous substances which are in Company Group's exclusive possession and control and directly associated with Company Group's equipment and facilities, EVEN IF THE LOSSES, DAMAGES, CLAIMS, DEMANDS, COSTS, FEES, AND EXPENSES ARE CAUSED BY OR CONTRIBUTED TO BY THE NEGLIGENCE OF CUSTOMER GROUP. Customer shall assume all responsibility for, including control and removal of, and shall protect, defend and indemnify Company Group from and against all Claims arising directly or indirectly from all other pollution or contamination which may occur during the conduct of operations hereunder, including, but not limited to, that which may result from fire, blowout, cratering, seepage or any other uncontrolled flow of oil, gas, water or other substance, EVEN IF THE LOSSES, DAMAGES, CLAIMS, DEMANDS, COSTS, FEES, AND EXPENSES ARE CAUSED BY OR CONTRIBUTED TO BY THE NEGLIGENCE OF COMPANY GROUP.

E. **Wild Well**. Customer shall release Company Group of any liability for, and shall protect, defend and indemnify Company Group for any damages, expenses, losses, fines, penalties, costs, expert fees and attorneys' fees arising out of a fire, blow out, cratering, seepage or wild well, including regaining control thereof, debris removal and property restoration and remediation. THIS INDEMNITY APPLIES EVEN IF THE LOSSES, DAMAGES, CLAIMS, DEMANDS, COSTS, FEES, AND EXPENSES ARE CAUSED NEGLIGENCE (WHETHER SOLE, JOINT OR CONCURRENT, ACTIVE OR PASSIVE, ORDINARY OR GROSS) STRICT LIABILITY, OR ANY OTHER LEGAL FAULT OR RESPONSIBILITY OF ANY MEMBER OF COMPANY GROUP.

F. **Underground Damage**. Customer shall release Company Group of any liability for, and shall protect, defend and indemnify Company Group from and against any and all claims, liability and expenses resulting from operations related to the work under this agreement on account of injury to, destruction of, or loss or impairment of any property right in or to oil, gas or other mineral substance or water, if at the time of the act or omission causing such injury, destruction, loss or impairment said substance and not been reduced to physical possession above the surface of the earth, and for any loss or damage to any formation, strata, or reservoir beneath the surface of the earth. THIS INDEMNITY APPLIES EVEN IF THE LOSSES, DAMAGES, CLAIMS, DEMANDS, COSTS, FEES, AND EXPENSES ARE CAUSED NEGLIGENCE (WHETHER SOLE, JOINT OR CONCURRENT, ACTIVE OR PASSIVE, ORDINARY OR GROSS) STRICT LIABILITY, OR ANY OTHER LEGAL FAULT OR RESPONSIBILITY OF ANY MEMBER OF COMPANY GROUP.

G. The foregoing indemnities set forth in these CACTUS Purchase Terms are intended to be enforceable against the parties hereto in accordance with the express terms and scope hereof notwithstanding Texas' Express Negligence Rule or any similar directive that would prohibit or otherwise limit indemnities because of the negligence (whether sole, concurrent, active or passive, ordinary or gross) or other fault or strict liability of Company or Customer.

H. If a claim is asserted against one of the parties to this agreement which may give rise to a claim for indemnity against the other party hereto, the party against whom the claim is first asserted must notify the potential indemnitor in writing and give the potential indemnitor the right to defend or assist in the defense of the claim.

9. **RISK OF LOSS**.

A. Title and risk of loss shall pass to Customer upon delivery as specified in Article 11. Customer's receipt of any material delivered hereunder shall be an unqualified acceptance of, and a waiver by Customer of any and all claims with respect to, such material unless Customer gives Company written notice of claim within thirty (30) days after such receipt. Notwithstanding the foregoing, installation or use of materials or equipment shall unequivocally constitute irrevocable acceptance of said materials. Customer assumes all risk and liability for the results obtained by the use of any material or Products delivered hereunder in work performed by on behalf of Customer or in combination with other or substances. No claim of any kind, whether as to material delivered or for non-delivery of material, and whether or not based on negligence, shall be greater in amount than the purchase price of the

Cactus

Quotation

Hobbs, NM
4120 W Carlsbad Hwy
Hobbs NM 88240
Phone: 817-682-8336

Quote Number : HBE0001018

Date: 09/08/2023

Valid For 30 Days

material in respect of which such claim is made.

B. For Services, Company shall not be liable for loss or deterioration of any equipment and material of Customer under Company's control or stored on Company's premises after Company has completed its work if such loss or deterioration results from atmospheric condition, Act of God or other occurrence not within the reasonable control of Company.

10. **TERMINATION**. Company reserves the right to terminate the order at issue, or any part hereof, solely for its convenience at any time without cause with notice to Customer. Company shall have the right to cancel any unfilled order without notice to Customer in the event that Customer becomes insolvent, adjudicated bankrupt, petitions for or consents to any relief under any bankruptcy reorganization statute, violates a term of these CACTUS Purchase Terms, or is unable to meet its financial obligations in the normal course of business. In the event of such termination, Company shall immediately stop all work hereunder. Prior to delivery, Customer may terminate this order without cause upon thirty (30) day notice in writing to Company. In the event of such termination, Company at its sole option shall cease work up to thirty (30) days after such notice. Upon the cessation of work, Customer agrees to pay Company a reasonable termination charge consisting of a percentage of the Invoice price, such percentage to reflect the value of the Products, Services or work in progress completed upon the cessation of work. Customer shall also pay promptly to Company any costs incurred due to paying and settling claims of Company's vendors or subcontractors arising out of the termination of the order by Customer.

11. **DELIVERY**. Unless different terms are provided on the face of this order, all items are sold FOB Company's manufacturing facility in Bossier City, LA., and Customer shall bear the cost of transportation to any other named destination. Upon notification of Company of delivery, Customer shall become liable and shall bear all risk of loss associated with the Products at issues regardless of whether the Products are at a location controlled by Company and whether or not caused by the negligence of Company. In the case of Customer pick-up, the truck furnished by Customer is the destination and Company's obligations regarding shipments are fulfilled when the Products are loaded on the truck. Items to be shipped to any other destination outside of the United States are sold FOB port of shipment (Customer will deliver and bear the cost of transportation to the named port and will bear the cost of transportation thereafter to the final destination). The means of shipment and carrier to the point at which Company's liability for transportation costs ceases shall be chosen by Company. Excess packing, marking, shipping, and transportation charges resulting from compliance with Customer's request shall be for Customer's account. Unless otherwise agreed in writing, delivery time is not of the essence.

12. **RETURNS/REFUND**. Within ninety (90) days of delivery, Customer has the option to return any non-defective Products (any Products found to be defective will be subject to the warranty and remedies expressed in paragraphs four (4) and five (5) above). Customer shall bear all costs of shipment and/or transportation for such return and risk of loss for the returned Products shall remain with Customer until re-delivered to Company's Yard. Customer shall receive a full refund for any returns, less a twenty percent (20%) restocking fee. Company at all times reserves the right to designate certain Products as non-refundable in Company's Sales Quote or Sales Order. In addition, any made-to-order , special order, and/or Product manufactured to Customer specifications are NOT returnable.

13. **DELAYS**. If a specific shipping date is either not given or is estimated only, and is not promised on the face of this order or in a separate writing signed by Company, Company will not be responsible for delays in filling this order nor liable for any loss or damages resulting from such delays. If a specific shipping date is promised, Company will not be liable for delays resulting from causes beyond Company's control, including without limitation accidents to machinery, fire, flood, act of God or other casualty, vendor delays, labor disputes, labor shortages, lack of transportation facilities, priorities required by, requested by, or granted for the benefit of any governmental agency, or restrictions imposed by law or governmental regulation.

14. **LIMITATION OF DAMAGES**. Notwithstanding any other provision contained herein, Company shall not be liable to Customer Group or any third party for consequential (whether direct or indirect damages), indirect, incidental, special or punitive damages, howsoever arising, including, but not limited to loss of profits (whether direct or indirect damages), revenues, production or business opportunities, WHETHER OR NOT SUCH LOSSES ARE THE RESULT IN WHOLE OR IN PART FROM THE NEGLIGENCE (WHETHER SOLE, JOINT, CONCURRENT OR COMPARATIVE, ACTIVE OR PASSIVE, ORDINARY OR GROSS) OF COMPANY GROUP, OR ANY DEFECT IN THE PREMISES, PRE-EXISTING CONDITIONS, PATENT OR LATENT, BREACH OF STATUTORY DUTY, STRICT LIABILITY OR ANY OTHER THEORY OF LEGAL LIABILITY OF COMPANY GROUP (EXCLUDING ONLY LOSSES CAUSED BY THE WILLFUL MISCONDUCT OF COMPANY GROUP).

15. **SECURITY INTEREST**. Customer grants Company, and Company reserves, a security interest, covering all Customer's obligations under these terms (including any liability for breach of Customer's obligations), and applying to all of Customer's right, title, and interest in the Leased Equipment, together with all accessions thereto and any proceeds that may arise in connection with the sale or disposition thereof. Customer shall cooperate with Company in the filing of Financing Statements to perfect such security interest. Furthermore, Customer authorizes Company to execute and file Financing Statements without Customer's signature in any jurisdiction in which such procedure is authorized. Customer warrants, covenants and agrees that it will not, without prior written consent of Company, sell, contract to sell, lease, encumber, or dispose of the Leased Equipment or any interest in it until all obligations secured by this security interest have been fully satisfied.

16. **PATENT AND INTELLECTUAL PROPERTY**. The sale of any Products hereunder does not convey any intellectual property license by implication, estoppel or otherwise regarding the Products. Company retains the copyright in all documents, catalogs and plans supplied to Customer pursuant to or ancillary to the contract. Unless otherwise agreed in writing, Customer shall obtain no intellectual property interest in any Company Product.

17. **TAXES**. Unless otherwise specifically provided for herein, Customer shall be liable for all federal, state, or local taxes or import duties assessed by any governmental entity of any jurisdiction in connection with the Products or Services furnished hereunder.

18. **DECEPTIVE TRADE PRACTICES**. Customer acknowledges the application of Section 17.45(4) of the Texas Deceptive Trade Practices Act (Texas Business Commission Code §17.41 et. seq.) (the "Act") to any transaction contemplated hereby and represents that it is not a "consumer" for the purposes of the Act.

19. **NO WAIVER**. Failure to enforce any or all of the provisions in these CACTUS Purchase Terms in any particular instance shall not constitute or be deemed to constitute a waiver of or preclude subsequent enforcement of the same provision or any other provision of these CACTUS Purchase Terms. Should any provision of these CACTUS Purchase Terms be declared invalid or unenforceable all other provisions of these CACTUS Purchase Terms shall remain in full force and effect.

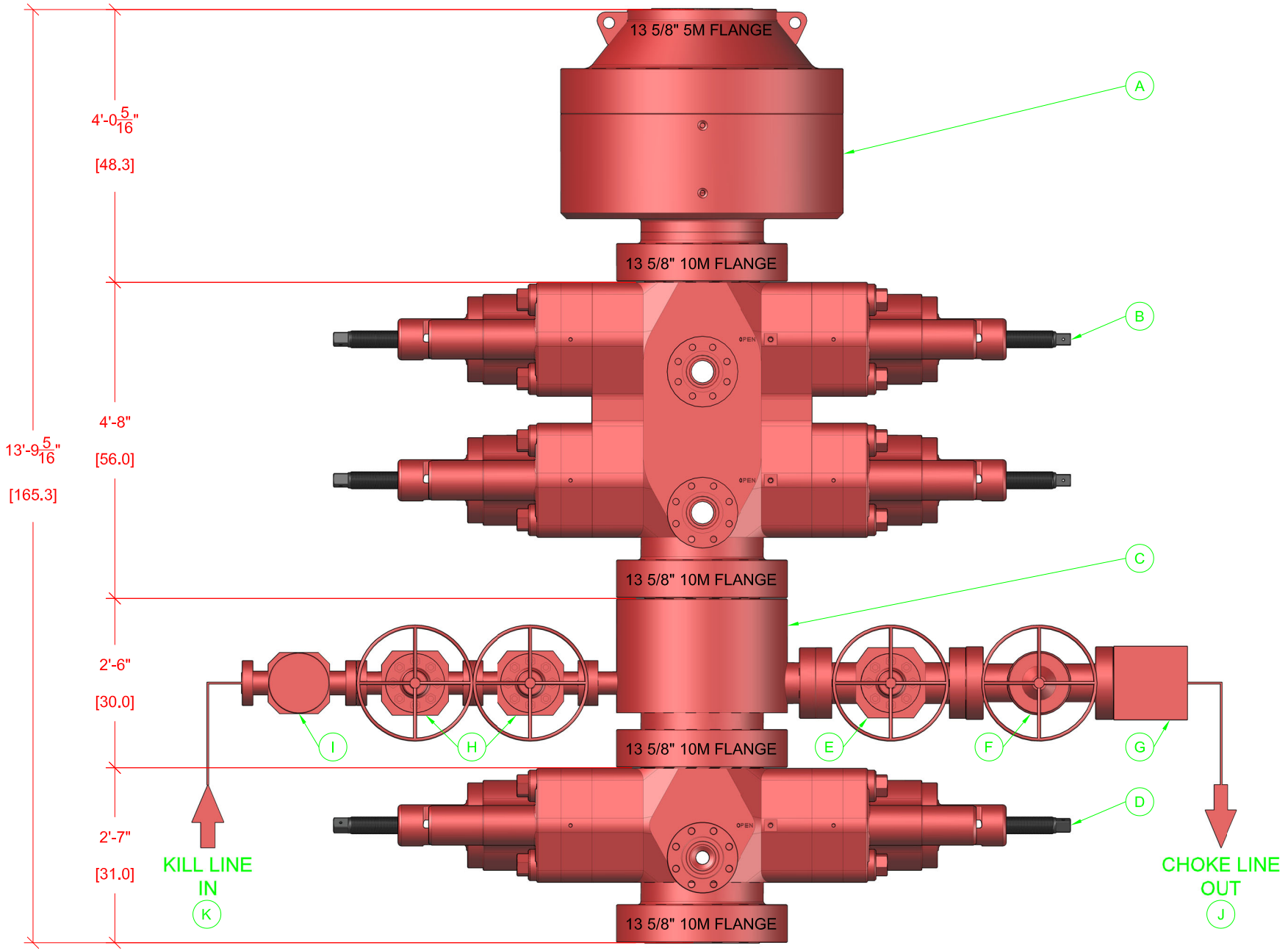
20. **CHOICE OF LAW**. THIS AGREEMENT SHALL BE GOVERNED BY AND CONSTRUED IN ACCORDANCE WITH THE LAWS OF THE STATE OF TEXAS AND SHALL BE PERFORMABLE IN HARRIS COUNTY, TEXAS. WITHOUT REGARD TO CONFLICTS OF LAW PRINCIPALS AND WAIVER OF SAME, EACH PARTY HERETO SUBMITS TO THE JURISDICTION OF THE COURTS OF THE STATE OF TEXAS IN HARRIS COUNTY, TEXAS AND THE FEDERAL COURTS IN AND FOR THE SOUTHERN DISTRICT OF TEXAS SITTING IN HOUSTON, TEXAS IN CONNECTION WITH ANY DISPUTE ARISING UNDER THIS AGREEMENT OR ANY DOCUMENT OR INSTRUMENT ENTERED INTO IN CONNECTION HEREWITH.

21. **AUTHORITY**. Customer warrants and represents that the individual receiving this order at issue on behalf of Customer has the authority to enter into these CACTUS Purchase Terms on behalf of Customer, and that upon receipt these CACTUS Purchase Terms shall be binding upon Customer.

22. **FORCE MAJEURE**. If Company is unable to carry out its obligations hereunder by reason of force majeure, then upon Company's giving of notice and reasonably full particulars of such force majeure in writing to Customer, Company's obligations that are affected by force majeure shall be suspended during the continuance of the force majeure and Company shall not be liable to Customer for any damages incurred by the Customer as a result thereof.

23. **CONFIDENTIALITY**. Customer acknowledges the highly secret and valuable nature of all proprietary inventions, methods, processes, designs, know-how, and trade secrets embodied in the Company's equipment, Products and Services and its components (hereinafter referred to as "Confidential Data"). Accordingly, Customer agrees not to disclose or use any Confidential Data. Customer further agrees to take any and all necessary precautions to prevent disclosure of the Confidential Data associated with the Company's equipment, Products and Services and components thereof to persons other than those employees of Customer for whom such disclosure is necessary for performance of the work hereunder.

24. **COMPLIANCE**. Customer expressly agrees to comply with and abide by, all of the laws of the United States and of the State of Texas, including, but not limited to, OSHA, EPA and all rules and regulations now existing or that may be hereafter promulgated under and in accordance with any such law or laws, and hereby agrees to indemnify and hold Company harmless from any and all claims, demands, or damages incurred by Company arising from Customer's failure to comply with all laws and governmental regulations. The indemnities in this paragraph shall be in addition to any other indemnity obligations between Customer and Company, including any other indemnity obligations contained herein.



BOP EQUIPMENT INFORMATION

DESCRIPTION	MODEL	QTY
ANNULAR BOP	13 5/8" 5M	1
DOUBLE RAM BOP	13 5/8" 10M TYPE-U	1
MUD CROSS	13 5/8" 10M	1
SINGLE RAM BOP	13 5/8" 10M TYPE-U	1
GATE VALVE	4 1/16" 10M FC MANUAL	1
HCR VALVE	4 1/16" 10M HCR	1

ITEM	DESCRIPTION	MODEL	QTY
G	STUDDED BLOCK	4 1/16" 10M	1
H	GATE VALE	2 1/16" 10M FC MANUAL	2
I	CHECK VALVE	2 1/16" 10M	1
J	CHOKE HOSE	4 1/16" 10M	1
K	KILL HOSE	2 1/16" 10M	1
L			

1. Geological Formations

TVD of target 10730
MD at TD 20948

Pilot Hole TD N/A
Deepest expected fresh water

Formation	Depth (TVD) from KB	Water/Mineral Bearing/Target Zone	Hazards
Rustler	1238	N/A	
Top of Salt	1731	N/A	
Base of Salt/Lamar	5005	N/A	
Top Delaware Sands/Bell Canyon	5060	N/A	
Cherry Canyon	5940	N/A	
Brushy Canyon	7318	N/A	
Basal Brushy Canyon	8633	N/A	
Bone Spring Lime	8850	N/A	
Leonard/Avalon Sand	9033	N/A	
Avalon Shale	9465	N/A	
1st Bone Spring Sand	10050	Hydrocarbons	
2nd Bone Spring Sand	10635	Hydrocarbons	
2nd Bone Spring Sand - Target	10730	Hydrocarbons	

2. Casing Program

Hole Size	Casing Depth From	Casing Depth To	Setting Depth TVD	Casing Size	Weight (lb/ft)	Grade	Conn.	SF Collapse	SF Burst	SF Tension
17 1/2	0	1320	1320	13-3/8"	48.00	H-40	ST&C	1.30	3.04	5.08
12 1/4	0	0	5030	9-5/8"	40.00	HCK-55	LT&C	1.41	1.47	2.79
7 7/8	0	10247								
7 7/8	10247	20948	10730	5-1/2"	20.00	P-110	BT&C	2.21	2.46	66.36
					BLM Minimum Safety Factor			1.125	1	1.6 Dry 1.8 Wet

TVD was used on all calculations.
All casing strings will be tested in accordance with Onshore Oil and Gas Order #2 III.B.1.h

H2S Drilling Operations Plan

Training

All company and contract personnel admitted on location must be trained by a qualified H2S safety instructor to do the following:

1. Characteristics of H2S
2. Physical effects and hazards
3. Principle and operation of H2S detectors, warning system, and briefing areas
4. Evacuation procedure, routes and first aid
5. Proper use of safety equipment & life support systems
6. Essential personnel meeting Medical Evaluation criteria will receive additional training on the proper use of 30 minute pressure demand air packs.

H2S Detection and Alarm Systems

1. H2S sensors/detectors to be located on the drilling rig floor, in the base of the sub structure/cellar area, on the mud pits in the shale shaker area. Additional H2S detectors may be placed as deemed necessary
2. An audio alarm system will be installed on the derrick floor and in the top doghouse

Windsock and/or wind streamers

1. Windsock at mudpit area should be high enough to be visible
2. Windsock on the rig floor and / or top of doghouse should be high enough to be visible

Condition Flags & Signs

1. Warning signs on access road to location
2. Flags are to be displayed on sign at the entrance to location. Green flag indicates normal safe condition. Yellow flag indicates potential pressure and danger. Red flag indicates

danger (H2S present in dangerous concentration). Only H2S trained and certified personnel admitted to location.

Well Control Equipment

1. See the pressure control section of this submission.

Communication

1. While working under masks, chalkboards will be used for communication
2. Hand signals will be used where chalk board is inappropriate.
3. Two way radio will be used to communicate off location in case emergency help is required. In most cases, cellular telephones will be available at most drilling foreman's trailer or living quarters.

Drillstem Testing

1. No DSTs or cores are planned at this tmie
2. Drilling contractor supervisor will be required to be familiar with the effects that H2S has on tubular goods and other mechanical equipment.
3. If H2S is encountered, mud system will be altered if necessary to maintain control of the well. A mud gas separator will be brought into service along with H2S scavenger if necessary.

H2S Contingency Plan

Emergency Procedures

In the event of an H2S release, the first responder(s) must:

1. Isolate the area and prevent entry by other persons into the 100 PPM ROE.
2. Evacuate any public places encompassed by the 100 PPM ROE.
3. Be equipped with H2S monitors and air packs in order to control the release.
4. Use the buddy system
5. Take precautions to avoid personal injury during this operation
6. Contact operator and/or local officials to aid in operation. See list of emergency contacts attached.
7. Have received training the detection of H2S, measures for protection against the gas, and equipment used for protection and emergency response

Ignition of the Gas Source

1. Should control of the well be considered lost and ignition considered, take care to protect against exposure to Sulfur Dioxide (SO_2). Intentional ignition must be coordinated with the NMOCD and local officials. Additionally, the NM State Police may become involved. NM State Police shall be the Incident Command on scene of any major release. Take care to protect downwind whenever there is an ignition of the gas

Contacting Authorities

1. Coterra personnel must liaise with local and state agencies to ensure a proper response to a major release. Additionally, the OCD must be notified of the release as soon as possible but no later than 4 hours.
2. Agencies will ask for information such as type and volume of release, wind direction, location of release, etc. Be prepared with all information available including directions to site. The following call list of essential and potential responders has been prepared for use during a release. Coterra’s response must be in coordination with the State of New Mexico's" Hazardous Materials Emergency Response Plan" (HMER).

Coterra: H2S Plan

Emergency Contacts

Coterra Energy

Charlie Pritchard: Drilling Operations Manager: 432 – 238 – 7084

Darrell Kelly: Vice President EHS: 281 – 589 – 5795

Third Party

PERMIAN REGION CONTACT NUMBERS

CALL 911

Air Ambulance Services

Reeves County Medical - Pecos, TX	432-447-3551
Aero Care - Midland, TX	800-627-2376
Tri State Care Flight - Artesia, NM	800-800-0900
Air Methods - Hobbs, NM	800-242-6199

Fire / Police / Medical Care

Sheriff's Office		Fire Departments		Hospital / Medical Care Facilities	
Andrews County	432-523-5545	Andrews	432-523-3111	Permian Regional Med.	432-523-2200
Reagan County	325-884-2929	Big Lake	325-884-3650	Reagan Memorial Hosp.	325-884-2561
Howard County	432-264-2244	Big Springs	432-264-2303	Scenic Mountain Med Ctr	432-263-1211
Terry County	806-637-2212	Brownfield	806-637-6633		
Crane County	432-558-3571	Crane	432-558-2361	Crane Memorial Hosp.	432-558-3555
Val Verde County	830-774-7513	Del Rio	830-774-8648	Val Verde Regional Med.	830-775-8566
		Denver City	806-592-3516	Yoakum County Hospital	806-592-2121
Pecos County	432-336-3521	Ft. Stockton	432-336-8525		
Glasscock County	432-354-2361	Garden City			
Winkler County	432-586-3461	Kermit	432-586-2577	Winkler County Memorial	432-586-5864
		McCamey	432-652-8232	McCamey Hospital	432-652-8626
Loving County	432-377-2411	Mentone			
Irion County	325-835-2551	Mertzon			
Ward County	432-943-6703	Monahans	432-943-2211	Ward Memorial Hospital	432-943-2511
Ector County	432-335-3050	Odessa	432-335-4650	Odessa Regional Hosp.	432-582-8340
Crocket County	325-392-2661	Ozona	325-392-2626		
Reeves County	432-445-4901	Pecos	505-757-6511	Reeves County Hospital	432-447-3551
Yoakum County	806-456-2377	Plains	806-456-2288		
Garza County	806-495-3595	Post			
Upton County	432-693-2422	Rankin			
Coke County	915-453-2717	Robert Lee			
		Roscoe	325-766-3931		
Hockley County	806-894-3126	Levelland	806-894-3155	Covenant Health	806-894-4963
Tom Green County	325-655-8111	San Angelo	325-657-4355	San Angelo Comm. Med.	325-949-9511
Gaines County	432-758-9871	Seminole	432-758-3621	Memorial Hospital	432-758-5811
Terrell County	432-345-2525	Sanderson			
Scurry County	325-573-3551	Snyder	325-573-3546	DM Cogdell Memorial	325-573-6374
Sterling County	325-378-4771	Sterling City			
Nolan County	325-235-5471	Sweetwater	325-235-8130	Rolling Plains Memorial	325-235-1701
Culberson County	432-283-2060	Van Horn		Culberson Hospital	432-283-2760
New Mexico					
Lea County	505-396-3611	Knowles	505-392-7469	Lea Reg Med Ctr	575-492-5000
Eddy County	575-887-7551	Carlsbad	575-885-3125	Carlsbad Medical	575-887-4100
		Artesia	575-746-5050	Artesia Hospital	575-748-3333
Roosevelt County	575-356-4408				
Chaves County	575-624-7590				

Ground Ambulance Services

Reeves County Medical		Pecos, TX	432-447-3551

Well Control Plan

Warning Signs of a Kick

If a kick is ever suspected, perform flow check.

While Drilling:

1. Drilling break or increase in penetration rate
2. Increase of flow
3. Pit gain
4. Flow without pumping
5. Circulating pressure decrease and/or spm increase
6. Increase in gas cutting at the shakers
7. Decrease in cuttings at shakers

While Tripping:

1. Hole not taking the proper fill on trip out of hole
2. Hole returns too much mud on trip in hole
3. Flow without pumping

While Out of the Hole:

1. Flow
2. Pit gain

Well Control Procedures with Diverter

A TIW valve in the open position must be on the rig floor at all times.

If rotating head is installed:

1. Perform flow check.
2. If well is flowing, divert flow down flow line and through separator, before returning across shakers.
3. Swap to 10 ppg brine and circulate around. Notify superintendent.

4. If well becomes uncontrollable, close annular, which will open HCR to divert flow away from rig.

If rotating head is not installed:

1. Perform flow check.
2. If well is flowing uncontrollably, close annular, which will open HCR to divert flow away from rig.
3. Swap to 10 ppg brine and circulate around. Notify superintendent.
4. After 10 ppg is circulated around shut pumps off and perform flow check.

Well Control Procedures

Coterra follows a hard shut-in procedure. Choke will be in the closed position.

General Well Control

1. If in doubt, secure the well first, then inform your supervisor.
2. Never wait for approval to shut in the well.
3. Verify that the mud pump is off before you close the BOP.
4. Always check and verify the well is properly secured after shut in.
5. Always install TIW valve in the open position.
6. If TIW valve is installed and then closed, apply estimated DP shut-in pressure above valve before opening.
7. The weak link in the mud system and mud lines is the pressure relief valve or pop off valve on the mud pump.
8. Keep the TIW valve wrench in a designated location on the rig floor and in the open position.
9. Use a drill string float above the bit. Don't perforate or disable the float.
10. In the event wellbore pressure encroaches to the maximum rated pressure of the annular, primary pressure control will be switched to the higher rated components (i.e., switch from annular to pipe rams) – upper pipe rams will be closed, and the annular opened in order to not exceed maximum rated pressures.

Hard Shut-In

1. Remote choke is closed.
2. Stop pumping and space out.
3. Check for flow.
4. To shut in, close annular or pipe ram if no annular is present.
5. Open the HCR valve.
6. Check systems, bump float. Record Initial Shut in Drill pipe pressure and Initial shut in casing pressure.

Flow Check when on Bottom

1. Alert crew & stop rotating
2. Pick up and space out
3. Shut down pumps
4. Observe well for flow
5. Shut-in if flowing

Shutting in while Drilling

1. After flow has been detected via flow check, kill pumps, shut in well and open HCR
2. Verify well is shut-in and flow has stopped
3. Notify supervisory personnel
4. Record data
5. Begin go forward planning

Flow Check while Tripping

1. Alert crew & pick up / space out
2. Stop pipe movement. Set slips with tool joint accessible at rotary table
3. Install open TIW safety valve and close valve
4. Observe well for flow
5. Shut-in if flowing

Shutting in while Tripping

1. Install open TIW safety valve and close valve
2. Shut-in the well
3. Verify well is shut-in and flow has stopped
4. Install IBOP
5. Notify supervisory personnel
6. Record data; SICP, shut-in time, kick depth, and pit gain
7. Begin go forward planning

Shutting in while Out of Hole

1. Sound alarm
2. Shut-in well: close blind rams.
3. Verify well is shut-in and monitor pressures.
4. Notify supervisory personnel
5. Record data; SICP, shut-in time, kick depth, and pit gain
6. Begin go forward planning

Information to Record while Shut-In

1. Shut in drill pipe pressure every 5 minutes

2. Shut in casing pressure every 5 minutes
3. Pit gain
4. Total volume in pit system
5. Mud weight in suction pit
6. Current depth
7. Total depth
8. Time the well is shut in

H2S with Annular Diverter:

1. Kill Pumps, close annular, which will open HCR, to divert flow away from rig.
2. Muster and take head count.
3. Call ASSI to check location for H2S. Call Coterra superintendent.
4. After ASSI has checked for H2S the path forward will be decided from Coterra superintendent.

H2S with BOP's:

1. Kill pumps
2. Shut in annular with HCR open and chokes closed.
3. Muster and take head count.
4. Call ASSI to check location for H2S. Call Coterra superintendent.
5. After ASSI has checked for H2S. discuss path forward with Coterra superintendent

Procedure for Closing Blind Rams

- Open HCR valve (visually check that the HCR valve is open – stem in the valve is open, stem out the valve is closed).
- Verify all circulating pumps are off (mud pumps, trip tank pump, etc.)
- Ensure that the hydraulic choke is in the closed position.
- Close the blind rams and place the "blind rams closed, bleed pressure and remove hole cover before opening" sign on the console.
- Monitor the shut in casing pressure gauge periodically while the blinds are closed to ensure that wellbore pressure isn't building. If pressure build up is observed, monitor the shut in casing pressure more frequently & document. Notify rig management and Coterra representative of the pressure build up.
- Ensure that the inner bushings are locked into the master bushings if applicable.
- Install hole cover.

Procedure for Opening Blind Rams

- Make sure choke manifold is aligned correctly.
- Open the hydraulic choke to bleed any trapped pressure that may be under the blind rams. (Even if the casing pressure gauge is reading zero).

- Confirm that no flow is discharging into the trip tank or possum bellies of the shale shaker (wherever the separator is discharging into).
- Remove hole cover.
- Confirm that the inner bushing are locked into the master bushings if applicable.
- Clear all personnel from the rig floor.
- Remove sign and open blind rams.
- Return the BOPE to its original operating alignment.

BOP Drills

- Drilling crews should conduct BOP drills weekly from BOP nipple up to TD for reaction time to properly simulate securing the well. Record BOP drills on that day's report.
- Standard precautions such as checking the accumulator for proper working pressure, function testing rams, and recording slow pump rates are performed on a daily basis or on trips..
- All supervisory personnel onsite need to be properly trained and currently hold certification from an approved blowout prevention school. Any deviation from this needs to be discussed prior to spud.
- Drillers should always notify the tool pusher and the drilling foreman before performing a blowout drill.

Choke Manifold Freeze Prevention

- When possible, blow out the choke & kill lines as well as the choke manifold with rig air to remove water based fluids.
- When clear water is being placed into the choke & kill line as well as the choke manifold, make sure that the water has a mixture of 30% methanol added.
- When applicable, choke & kill lines as well as choke manifold needs to be pumped through with the rig pump by the driller to ensure that the lines aren't plugged with settling barite or solids.

Coterra Triste Draw 36-25 Federal Com 212H Rev0 kFc 06Oct25 Proposal
Geodetic Report

Def Plan

Report Date:	October 07, 2025 - 08:31 PM (UTC 0)	**Survey / DLS Computation:**	Minimum Curvature / Lubinski
Client:	COTERRA	**Vertical Section Azimuth:**	359.590 °(GRID North)
Field:	NM Lea County (NAD 83)	**Vertical Section Origin:**	0.000 ft, 0.000 ft
Structure / Slot:	Coterra - Triste Draw 36-25 Federal Com Pad (west) / 212H	**TVD Reference Datum:**	RKB
Well:	Triste Draw 36-25 Federal Com 212H	**TVD Reference Elevation:**	3686.800 ft above MSL
Borehole:	Triste Draw 36-25 Federal Com 212H	**Seabed / Ground Elevation:**	3660.300 ft above MSL
UBHI / API#:	Unknown / Unknown	**Magnetic Declination:**	6.080°
Survey Name:	Coterra Triste Draw 36-25 Federal Com 212H Rev0 kFc 06Oct25	**Total Gravity Field Strength:**	998.437mgn (9.80665 Based)
Survey Date:	October 05, 2025	**Gravity Model:**	GARM
Tort / AHD / DDI / ERD Ratio:	134.001 ° / 11651.813 ft / 6.484 / 1.086	**Total Magnetic Field Strength:**	47198.429 nT
Coordinate Reference System:	NAD83 New Mexico State Plane, Eastern Zone, US Feet	**Magnetic Dip Angle:**	59.746°
Location Lat / Long:	32°15'27.07650"N , 103°37'46.12190"W	**Declination Date:**	October 06, 2025
Location Grid N/E Y/X:	N 458132.750 ftUS , E 758914.500 ftUS	**Magnetic Declination Model:**	HDGM 2025
CRS Grid Convergence Angle:	0.376°	**North Reference:**	Grid North
Grid Scale Factor:	0.99996331(Applied)	**Grid Convergence Used:**	0.376°
Version / Patch:	2025.1.0.1	**Total Corr Mag North->Grid North:**	5.704°
		Local Coord Referenced To:	Well Head

Comments	MD (ft)	Incl (°)	Azim (°)	TVD (ft)	TVDSS (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (°)	Longitude (°)
SHL [1302'FSL, 2285'FWL]	0.00	0.00	0.00	0.00	-3,686.80	0.00	0.00	0.00		458,132.75	758,914.50	32.25752125	-103.62947831
Build 2°/100ft	1,700.00	0.00	199.45	1,700.00	-1,986.80	0.00	0.00	0.00	0.00	458,132.75	758,914.50	32.25752125	-103.62947831
Hold	2,200.09	10.00	199.45	2,197.55	-1,489.25	-40.95	-41.05	-14.50	2.00	458,091.70	758,900.00	32.25740867	-103.62952607
Drop 2°/100ft	9,066.86	10.00	199.45	8,959.97	5,273.17	-1,162.64	-1,165.61	-411.60	0.00	456,967.18	758,502.92	32.25432488	-103.63083435
Hold	9,566.95	0.00	199.45	9,457.52	5,770.72	-1,203.59	-1,206.67	-426.10	2.00	456,926.13	758,488.42	32.25421230	-103.63088211
KOP, Build 10°/100ft	10,246.95	0.00	199.45	10,137.52	6,450.72	-1,203.59	-1,206.67	-426.10	0.00	456,926.13	758,488.42	32.25421230	-103.63088211
Build 5°/100ft	10,996.95	75.00	359.59	10,690.95	7,004.15	-778.92	-782.01	-429.14	10.00	457,350.77	758,485.38	32.25537955	-103.63088295
Landing Point	11,296.95	90.00	359.59	10,730.00	7,043.20	-482.34	-485.43	-431.26	5.00	457,647.33	758,483.26	32.25619476	-103.63088354
Hold	11,396.95	90.00	359.59	10,730.00	7,043.20	-382.34	-385.44	-431.97	0.00	457,747.33	758,482.54	32.25646962	-103.63088374
Turn 2°/100ft	15,186.95	90.00	359.59	10,730.00	7,043.20	3,407.66	3,404.47	-459.09	0.00	461,537.08	758,455.42	32.26688695	-103.63089124
Hold	15,486.95	90.00	353.59	10,730.00	7,043.20	3,707.12	3,703.80	-476.93	2.00	461,836.40	758,437.59	32.26771001	-103.63094260
Turn 2°/100ft	15,856.95	90.00	353.59	10,730.00	7,043.20	4,075.09	4,071.48	-518.24	0.00	462,204.08	758,396.28	32.26872137	-103.63106844
Hold	16,156.95	90.00	359.59	10,730.00	7,043.20	4,374.54	4,370.82	-536.07	2.00	462,503.40	758,378.45	32.26954442	-103.63111981
Turn 2°/100ft	16,256.95	90.00	359.59	10,730.00	7,043.20	4,474.54	4,470.81	-536.79	0.00	462,603.39	758,377.73	32.26981929	-103.63112000
Hold	16,556.95	90.00	5.59	10,730.00	7,043.20	4,773.99	4,770.37	-523.24	2.00	462,902.94	758,391.28	32.27064239	-103.63106983
Turn 2°/100ft	16,931.95	90.00	5.59	10,730.00	7,043.20	5,146.94	5,143.59	-486.71	0.00	463,276.14	758,427.81	32.27166755	-103.63094375
Hold	17,231.83	90.00	359.59	10,730.00	7,043.20	5,446.27	5,443.02	-473.16	2.00	463,575.56	758,441.36	32.27249032	-103.63089357
Triste Draw 36-25 Federal Com 212H - BHL [100'FNL, 1850'FWL]	20,947.83	90.00	359.59	10,730.00	7,043.20	9,162.26	9,158.92	-499.59	0.00	467,291.32	758,414.93	32.28270422	-103.63090037

Survey Type: Def Plan

Survey Error Model: ISCWSA Rev 4 *** 3-D 95 % Confidence 2.7955 sigma

Survey Program:

Description	Part	MD From (ft)	MD To (ft)	EOU Freq (ft)	Hole Size (in)	Casing Diameter (in)	Expected Max Inclination (deg)	Survey Tool Code	Vendor / Tool	Borehole / Survey
	1	0.000	10,200.000	1/100.000 '.5 – 12.25 – 8.75		3.375 – 9.625 – 7		A001Mb_MWD		Triste Draw 36-25 Federal Com 212H / Coterra Tris
	1	10,200.000	20,947.825	1/100.000	8.75 – 6	7 – 4.5		A008Mb_MWD+IFR1+MS		Triste Draw 36-25 Federal Com 212H / Coterra Tris

EOU Geometry:

End MD (ft)	Hole Size (in)	Casing Size (in)	Name
1,381.800	17.500	13.375	
4,991.800	12.250	9.625	
12,521.800	8.750	7.000	
20,947.825	6.000	4.500	

Coterra Triste Draw 36-25 Federal Com 212H Rev0 kFc 06Oct25 Proposal
Geodetic Report
Def Plan

Report Date:	October 07, 2025 - 08:31 PM (UTC 0)	**Survey / DLS Computation:**	Minimum Curvature / Lubinski
Client:	COTERRA	**Vertical Section Azimuth:**	359.590 °(GRID North)
Field:	NM Lea County (NAD 83)	**Vertical Section Origin:**	0.000 ft, 0.000 ft
Structure / Slot:	Coterra - Triste Draw 36-25 Federal Com Pad (west) / 212H	**TVD Reference Datum:**	RKB
Well:	Triste Draw 36-25 Federal Com 212H	**TVD Reference Elevation:**	3686.800 ft above MSL
Borehole:	Triste Draw 36-25 Federal Com 212H	**Seabed / Ground Elevation:**	3660.300 ft above MSL
UBHI / API#:	Unknown / Unknown	**Magnetic Declination:**	6.080°
Survey Name:	Coterra Triste Draw 36-25 Federal Com 212H Rev0 kFc 06Oct25	**Total Gravity Field Strength:**	998.437mgn (9.80665 Based)
Survey Date:	October 05, 2025	**Gravity Model:**	GARM
Tort / AHD / DDI / ERD Ratio:	134.001 ° / 11651.813 ft / 6.484 / 1.086	**Total Magnetic Field Strength:**	47198.429 nT
Coordinate Reference System:	NAD83 New Mexico State Plane, Eastern Zone, US Feet	**Magnetic Dip Angle:**	59.746°
Location Lat / Long:	32°15'27.07650"N , 103°37'46.12190"W	**Declination Date:**	October 06, 2025
Location Grid N/E Y/X:	N 458132.750 ftUS , E 758914.500 ftUS	**Magnetic Declination Model:**	HDGM 2025
CRS Grid Convergence Angle:	0.376°	**North Reference:**	Grid North
Grid Scale Factor:	0.99996331(Applied)	**Grid Convergence Used:**	0.376°
Version / Patch:	2025.1.0.1	**Total Corr Mag North->Grid North:**	5.704°
		Local Coord Referenced To:	Well Head

Comments	MD (ft)	Incl (°)	Azim (°)	TVD (ft)	TVDSS (ft)	VSEC (ft)	AHD (ft)	NS (ft)	EW (ft)	DeltaMD (ft)	DeltaTVD (ft)	DLS (°/100ft)	BR (°/100ft)	TR (°/100ft)	GTF (°)	MTF (°)	TF (°)	Northing (RUS)	Easting (RUS)	Latitude (° ' ")	Longitude (° ' ")	Latitude (°)	Longitude (°)	Closure (ft)	Closure Azimuth (°)	Directional Difficulty Index	Tortuosity (°)	ERD Ratio	Exclusion Zone Alert	GeoMag Tn (nT)	Exclusion Zone Angle (°)	Exclusion Zone Tolerance (nT)	Alert Zone Tolerance (nT)
SHL [1302'FSL, 2285'FWL]	0.00	0.00	0.00	0.00	-3,686.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	HS	199.45	199.45M	458,132.75	758,914.50	32°15'27.076501"N	103°37'46.121899"W	32.25752125	-103.62947831	0.00	0.00	0.00	0.00	0.00		23,780.40	30.25	4,000.00	6,000.00
Build 2°/100ft	1,700.00	0.00	199.45	1,700.00	-1,986.80	0.00	0.00	0.00	0.00	1,700.00	1,700.00	0.00	0.00	0.00	HS	199.45	199.45M	458,132.75	758,914.50	32°15'27.076501"N	103°37'46.121899"W	32.25752125	-103.62947831	0.00	0.00	0.00	0.00	0.00		23,780.40	30.25	4,000.00	6,000.00
Hold	2,200.09	10.00	199.45	2,197.55	-1,489.25	-40.95	43.54	-41.05	-14.50	500.09	497.55	2.00	2.00	0.00	HS	199.45	HS	458,091.70	758,900.00	32°15'26.671221"N	103°37'46.293845"W	32.25740867	-103.62952607	43.54	199.45	2.64	10.00	0.02		30,359.63	40.03	4,000.00	6,000.00
Drop 2°/100ft	9,066.86	10.00	199.45	8,959.97	5,273.17	-1,162.64	1,236.15	-1,165.61	-411.60	6,866.77	6,762.41	0.00	0.00	0.00	LS	199.45	LS	456,967.18	758,502.92	32°15'15.565673"N	103°37'51.003673"W	32.25432488	-103.63083435	1,236.15	199.45	4.10	10.00	0.14		30,359.63	40.03	4,000.00	6,000.00
Hold	9,566.95	0.00	199.45	9,457.52	5,770.72	-1,203.59	1,279.69	-1,206.67	-426.10	500.09	497.55	2.00	-2.00	0.00	HS	199.45	199.45M	456,926.13	758,488.42	32°15'15.164290"N	103°37'51.175605"W	32.25421230	-103.63088211	1,279.69	199.45	4.41	20.00	0.14		23,780.40	30.25	4,000.00	6,000.00
KOP, Build 10°/100ft	10,246.95	0.00	199.45	10,137.52	6,450.72	-1,203.59	1,279.69	-1,206.67	-426.10	680.00	680.00	0.00	0.00	0.00	HS	359.59	359.59M	456,926.13	758,488.42	32°15'15.164290"N	103°37'51.175605"W	32.25421230	-103.63088211	1,279.69	199.45	4.41	20.00	0.13		23,780.40	30.25	4,000.00	6,000.00
	10,481.80	23.49	359.59	10,365.85	6,679.05	-1,156.12	1,327.15	-1,159.21	-426.44	234.85	228.33	10.00	10.00	0.00	HS	359.59	HS	456,973.59	758,488.08	32°15'15.633933"N	103°37'51.175944"W	32.25434276	-103.63088221	1,235.15	200.20	4.77	43.49	0.13	Enter Alert	5,999.98	7.30	4,000.00	6,000.00
	10,510.41	26.35	359.59	10,391.79	6,704.99	-1,144.07	1,339.20	-1,147.16	-426.52	28.61	25.94	10.00	10.00	0.00	HS	359.59	HS	456,985.64	758,487.99	32°15'15.753177"N	103°37'51.176030"W	32.25437588	-103.63088223	1,223.88	200.40	4.80	46.35	0.13	Enter Fail	3,999.97	4.86	4,000.00	6,000.00
	10,585.74	33.88	359.59	10,456.91	6,770.11	-1,106.31	1,376.96	-1,109.39	-426.79	75.32	65.11	10.00	10.00	0.00	HS	359.59	HS	457,023.40	758,487.72	32°15'16.126845"N	103°37'51.176299"W	32.25447988	-103.63088231	1,188.66	201.04	4.88	53.88	0.13	Exit Fail	4,000.01	4.86	4,000.00	6,000.00
	10,614.34	36.74	359.59	10,480.25	6,793.45	-1,089.78	1,393.50	-1,092.86	-426.91	28.61	23.34	10.00	10.00	0.00	HS	359.59	HS	457,039.93	758,487.61	32°15'16.290443"N	103°37'51.176417"W	32.25452512	-103.63088234	1,173.28	201.34	4.90	56.74	0.13	Exit Alert	6,000.03	7.30	4,000.00	6,000.00
Build 5°/100ft	10,996.95	75.00	359.59	10,690.95	7,004.15	-778.92	1,704.35	-782.01	-429.14	382.61	210.71	10.00	10.00	0.00	HS	359.59	HS	457,350.77	758,485.38	32°15'19.366396"N	103°37'51.178635"W	32.25537955	-103.63088295	892.02	208.76	5.22	95.00	0.16		33,357.20	44.97	4,000.00	6,000.00
Landing Point	11,296.95	90.00	359.59	10,730.00	7,043.20	-482.34	2,000.94	-485.43	-431.26	300.00	39.05	5.00	5.00	0.00	HS	359.59	HS	457,647.33	758,483.26	32°15'22.301131"N	103°37'51.180750"W	32.25619476	-103.63088354	649.33	221.62	5.37	110.00	0.19		40,848.50	59.94	4,000.00	6,000.00
Hold	11,396.95	90.00	359.59	10,730.00	7,043.20	-382.34	2,100.94	-385.44	-431.97	100.00	0.00	0.00	0.00	0.00	HS	359.59	HS	457,747.33	758,482.54	32°15'23.290640"N	103°37'51.181463"W	32.25646962	-103.63088374	578.93	228.26	5.39	110.00	0.20		40,848.50	59.94	4,000.00	6,000.00
Turn 2°/100ft	15,186.95	90.00	359.59	10,730.00	7,043.20	3,407.66	5,890.94	3,404.47	-459.09	3,790.00	0.00	0.00	0.00	0.00	90L	353.59	90L	461,537.08	758,455.42	32°16'0.793020"N	103°37'51.208447"W	32.26688695	-103.63089124	3,435.28	352.32	5.96	110.00	0.55		40,848.50	59.94	4,000.00	6,000.00
Hold	15,486.95	90.00	353.59	10,730.00	7,043.20	3,707.12	6,190.94	3,703.80	-476.93	300.00	0.00	2.00	0.00	-2.00	HS	353.59	HS	461,836.40	758,437.59	32°16'3.756026"N	103°37'51.393348"W	32.26771001	-103.63094260	3,734.38	352.66	6.02	116.00	0.58		41,074.22	60.49	4,000.00	6,000.00
Turn 2°/100ft	15,856.95	90.00	353.59	10,730.00	7,043.20	4,075.09	6,560.94	4,071.48	-518.24	370.00	0.00	0.00	0.00	0.00	90R	359.59	90R	462,204.08	758,396.28	32°16'7.396914"N	103°37'51.846394"W	32.26872137	-103.63106844	4,104.33	352.75	6.05	116.00	0.61		41,074.22	60.49	4,000.00	6,000.00
Hold	16,156.95	90.00	359.59	10,730.00	7,043.20	4,374.54	6,860.94	4,370.82	-536.07	300.00	0.00	2.00	0.00	2.00	HS	359.59	HS	462,503.40	758,378.45	32°16'10.359919"N	103°37'52.031303"W	32.26954442	-103.63111981	4,403.57	353.01	6.10	122.00	0.64		40,848.50	59.94	4,000.00	6,000.00
Turn 2°/100ft	16,256.95	90.00	359.59	10,730.00	7,043.20	4,474.54	6,960.94	4,470.81	-536.79	100.00	0.00	0.00	0.00	0.00	90R	5.59	90R	462,603.39	758,377.73	32°16'11.349427"N	103°37'52.032016"W	32.26981929	-103.63112000	4,502.92	353.15	6.11	122.00	0.65		40,848.50	59.94	4,000.00	6,000.00
Hold	16,556.95	90.00	5.59	10,730.00	7,043.20	4,773.99	7,260.94	4,770.37	-523.24	300.00	0.00	2.00	0.00	2.00	HS	5.59	HS	462,902.94	758,391.28	32°16'14.312621"N	103°37'51.851373"W	32.27064239	-103.63106983	4,798.98	353.74	6.16	128.00	0.68		40,769.92	59.75	4,000.00	6,000.00
Turn 2°/100ft	16,931.95	90.00	5.59	10,730.00	7,043.20	5,146.94	7,635.94	5,143.59	-486.71	375.00	0.00	0.00	0.00	0.00	90L	359.59	90L	463,276.14	758,427.81	32°16'18.003183"N	103°37'51.397497"W	32.27166755	-103.63094375	5,166.56	354.59	6.19	128.00	0.71		40,769.92	59.75	4,000.00	6,000.00
Hold	17,231.83	90.00	359.59	10,730.00	7,043.20	5,446.27	7,935.82	5,443.02	-473.16	299.88	0.00	2.00	0.00	-2.00	HS	359.59	HS	463,575.56	758,441.36	32°16'20.965153"N	103°37'51.216843"W	32.27249032	-103.63089357	5,463.55	355.03	6.23	134.00	0.74		40,848.45	59.94	4,000.00	6,000.00
Triste Draw 36-25 Federal Com :	20,947.83	90.00	359.59	10,730.00	7,043.20	9,162.26	11,651.81	9,158.92	-499.59	3,716.00	0.00	0.00	0.00	0.00				467,291.32	758,414.93	32°16'57.735188"N	103°37'51.241316"W	32.28270422	-103.63090037	9,172.54	356.88	6.48	134.00	1.09		40,848.45	59.94	4,000.00	6,000.00

Survey Type: Def Plan

Survey Error Model: ISCWSA Rev 4 *** 3-D 95 % Confidence 2.7955 sigma
Survey Program:

Description	Part	MD From (ft)	MD To (ft)	EOU Freq (ft)	Hole Size (in)	Casing Diameter (in)	Expected Max Inclination (deg)	Survey Tool Code	Vendor / Tool	Borehole / Survey
	1	0.000	10,200.000	1/100.000	17.5 – 12.25 – 8.75	13.375 – 9.625 – 7		A001Mb_MWD		Triste Draw 36-25 Federal Com 212H / Coterra Trit
	1	10,200.000	20,947.825	1/100.000	8.75 – 6	7 – 4.5		A008Mb_MWD+IFR1+MS		Triste Draw 36-25 Federal Com 212H / Coterra Trit

EOU Geometry:

End MD (ft)	Hole Size (in)	Casing Size (in)	Name
1,381.800	17.500	13.375	
4,991.800	12.250	9.625	
12,521.800	8.750	7.000	
20,947.825	6.000	4.500	

COTERRA

Rev0

COTERRA

Borehole:	Well:	Field:	Structure:
Triste Draw 36-25 Federal Com 212H	Triste Draw 36-25 Federal Com 212H	NM Lea County (NAD 83)	Coterra - Triste Draw 36-25 Federal Com Pad (west)

Gravity & Magnetic Parameters

Model:	HDGM 2025	Dip:	59.746°	Date:	06-Oct-2025
MagDec:	6.08°	FS:	47198.429nT	Gravity FS:	998.437mgn (9.80665 Based)

Surface Location NAD83 New Mexico State Plane, Eastern Zone, US Feet

Lat:	N 32 15 27.08	Northing:	458132.75ftUS	Grid Conv:	0.3757°
Lon:	W 103 37 46.12	Easting:	758914.5ftUS	Scale Fact:	0.99996331

Miscellaneous

Slot:	212H	TVD Ref:	RKB (3686.800 ft above MSL)
Plan:	Coterra Triste Draw 36-25 Federal Com 212H Rev0 kFc 06Oct25		

Critical Points

Critical Point	MD	INCL	AZIM	TVD	VSEC	N(+)/S(-)	E(+)/W(-)	DLS
SHL [1302'FSL, 2285'FWL]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Rustler	1238.00	0.00	199.45	1238.00	0.00	0.00	0.00	0.00
A3 Top	1312.00	0.00	199.45	1312.00	0.00	0.00	0.00	0.00
A3 Base	1439.00	0.00	199.45	1439.00	0.00	0.00	0.00	0.00
Build 2°/100ft	1700.00	0.00	199.45	1700.00	0.00	0.00	0.00	0.00
Salado	1731.00	0.62	199.45	1731.00	-0.16	-0.16	-0.06	2.00
Hold	2200.09	10.00	199.45	2197.55	-40.95	-41.05	-14.50	2.00
Lamar	5050.86	10.00	199.45	5005.00	-506.62	-507.92	-179.36	0.00
Bell Canyon	5106.71	10.00	199.45	5060.00	-515.75	-517.07	-182.59	0.00
Cherry Canyon	6000.29	10.00	199.45	5940.00	-661.71	-663.41	-234.26	0.00
Brushy Canyon	7399.56	10.00	199.45	7318.00	-890.28	-892.56	-315.18	0.00
Basal Brushy Canyon	8734.85	10.00	199.45	8633.00	-1108.40	-1111.24	-392.40	0.00
Bone Spring Lime	8955.20	10.00	199.45	8850.00	-1144.40	-1147.33	-405.14	0.00
Drop 2°/100ft	9066.86	10.00	199.45	8959.97	-1162.64	-1165.61	-411.60	0.00
Leonard	9140.86	8.52	199.45	9033.00	-1173.84	-1176.84	-415.57	2.00
Hold	9566.95	0.00	199.45	9457.52	-1203.59	-1206.67	-426.10	2.00
Avalon	9574.43	0.00	199.45	9465.00	-1203.59	-1206.67	-426.10	0.00
1st BS SS	10159.43	0.00	199.45	10050.00	-1203.59	-1206.67	-426.10	0.00
KOP, Build 10°/100ft	10246.95	0.00	199.45	10137.52	-1203.59	-1206.67	-426.10	0.00
2nd BS SS	10849.53	60.26	359.59	10635.00	-914.87	-917.96	-428.16	10.00
Build 5°/100ft	10996.95	75.00	359.59	10690.95	-778.92	-782.01	-429.14	10.00
Landing Point	11296.95	90.00	359.59	10730.00	-482.34	-485.43	-431.26	5.00
Hold	11396.95	90.00	359.59	10730.00	-382.34	-385.44	-431.97	0.00
Turn 2°/100ft	15186.95	90.00	359.59	10730.00	3407.66	3404.47	-459.09	0.00
Hold	15486.95	90.00	353.59	10730.00	3707.12	3703.80	-476.93	2.00
Section 36-25 Line Cross	15758.00	90.00	353.59	10730.00	3976.68	3973.15	-507.19	0.00
Turn 2°/100ft	15856.95	90.00	353.59	10730.00	4075.09	4071.48	-518.24	0.00
Hold	16156.95	90.00	359.59	10730.00	4374.54	4370.82	-536.07	2.00
Turn 2°/100ft	16256.95	90.00	359.59	10730.00	4474.54	4470.81	-536.79	0.00
Hold	16556.95	90.00	5.59	10730.00	4773.99	4770.37	-523.24	2.00
Turn 2°/100ft	16931.95	90.00	5.59	10730.00	5146.94	5143.59	-486.71	0.00
Hold	17231.83	90.00	359.59	10730.00	5446.27	5443.02	-473.16	2.00
Pool NMLC0063228 exit to NMNM086154 enter	19728.00	90.00	359.59	10730.00	7942.44	7939.13	-490.91	0.00
Triste Draw 36-25 Federal Com 212H - BHL [100'FNL, 1850'FWL]	20947.83	90.00	359.59	10730.00	9162.26	9158.92	-499.59	0.00

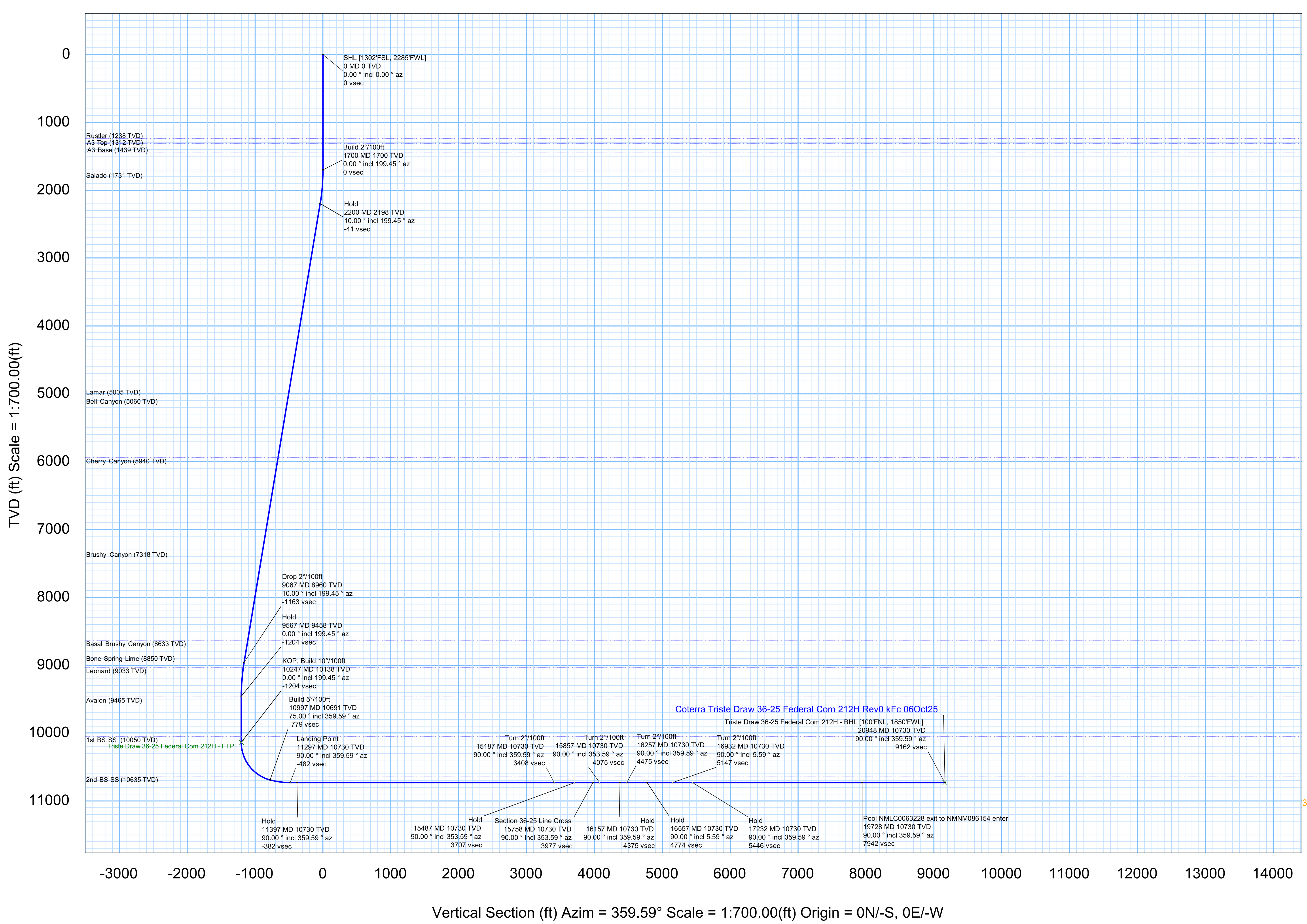
Grid
True
Mag

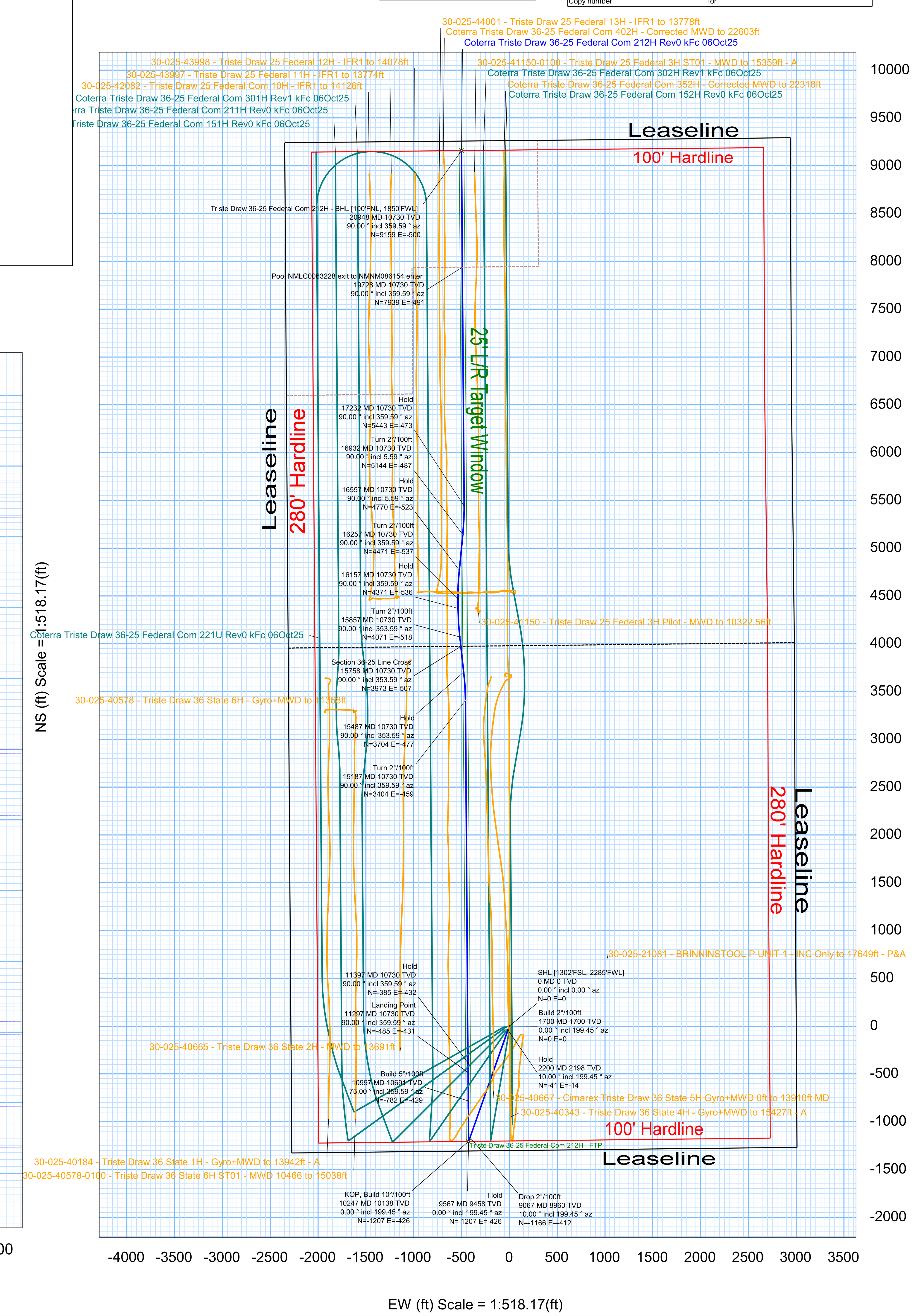
Grid North
Tot Corr (M->G 5.704°)
Mag Dec (6.080°)
Grid Conv (0.376°)

D E C	CONTROLLED
Plan ref	Coterra Triste Draw 36-25 Federal Com 212H Rev0 kFc 06Oct25
Drawing ref	
Copy number	of 3
Date	07-Oct-2025

1	Client	
2	Client	
3	Office	
4	Office	

Copy number for





Coterra Triste Draw 36-25 Federal Com 212H Rev0 kFc 06Oct25 Anti-Collision Summary Report

Analysis Date-24hr Time:	October 07, 2025 - 08:31 PM (UTC 0)	**Analysis Method:**	3D Least Distance
Client:	COTERRA	**Reference Trajectory:**	Coterra Triste Draw 36-25 Federal Com 212H Rev0 kFc
Field:	NM Lea County (NAD 83)	**Depth Interval:**	Every 10.00 Measured Depth (ft)
Structure:	Coterra - Triste Draw 36-25 Federal Com Pad (west)	**Rule Set:**	NAL Procedure: D&M AntiCollision Standard S002
Slot:	212H	**Min Pts:**	Absolute minima indicated.
Well:	Triste Draw 36-25 Federal Com 212H	**Engine Version:**	2025.1.0.1
Borehole:	Triste Draw 36-25 Federal Com 212H	**Database \ Project:**	Triste Draw 36-25 Federal Com 212H–COTERRA
Scan MD Range:	0.00ft ~ 20947.83ft		

Trajectory Error Model: ISCWSA Rev 4 *** 3-D 95 % Confidence 2.7955 sigma

Offset Trajectories Summary

Offset Selection Criteria

Bounding box scan: minimum Ct-Ct separation <= 2000ft

Selection filters: Definitive Surveys - Definitive Plans - Definitive surveys exclude definitive plans
- All Non-Def Surveys when no Def-Survey is set in a borehole - All Non-Def Plans when no Def-Plan is set in a borehole

21 out of 39 are selected

Offset Trajectory	Separation			Allow	Sep.	Breaking	Reference Trajectory		Risk Level			Alert
	Ct-Ct (ft)	MAS (ft)	EOU (ft)	Dev. (ft)	Fact.	Rule	MD (ft)	TVD (ft)	Alert	Minor	Major	
Coterra Triste Draw 36-25 Federal Com 152H Rev0 kFc 06Oct25 (DefinitivePlan) - **Fail Minor**												
	19.99	16.39	16.71	3.60	9.35	CtCt 15.00m	0.00	0.00	CtCt<=15.00m			Enter Alert
	19.99	16.39	16.71	3.60	9.35	CtCt 15.00m	26.50	26.50				WRP
	19.99	19.97	6.25	0.02	1.50	OSF 5.00	1290.00	1290.00				MinPts
	19.99	20.11	6.25	-0.12	1.49	OSF 1.50	1320.00	1320.00		OSF<=1.50		Enter Minor
	19.99	22.79	4.47	-2.80	1.31	OSF 1.50	1500.00	1500.00				MinPt-CtCt
	20.38	24.95	3.42	-4.57	1.21	OSF 1.50	1650.00	1650.00				MinPt-EOU
	20.49	25.09	3.44	-4.60	1.21	OSF 1.50	1660.00	1660.00				MinPt-SF
	20.63	25.23	3.48	-4.60	1.22	OSF 1.50	1670.00	1670.00				MinPt-ADP
	27.13	27.55	8.43	-0.42	1.48	OSF 1.50	1840.00	1839.94		OSF>1.50		Exit Minor
	388.61	138.20	296.14	250.40	4.24	OSF 5.00	8050.00	7958.56				MinPt-SF
	489.26	158.82	383.06	330.45	4.64	OSF 5.00	9740.00	9630.57				MinPts
	489.30	158.85	383.07	330.45	4.64	OSF 5.00	9750.00	9640.57				MinPt-SF
	517.71	156.05	413.35	361.66	5.00	OSF 5.00	10070.00	9960.57	OSF>5.00			Exit Alert
	687.54	165.57	576.83	521.97	6.26		13960.00	10730.00				MinPt-CtCt
	688.18	167.50	576.18	520.68	6.19		14040.00	10730.00				MinPt-EOU
	689.23	168.76	576.40	520.47	6.15		14090.00	10730.00				MinPt-ADP
	722.10	181.58	600.72	540.52	5.99		14540.00	10730.00				MinPt-SF
	756.45	227.63	604.37	528.82	5.00	OSF 5.00	16400.00	10730.00	OSF<=5.00			Enter Alert
	686.76	357.04	448.40	329.72	2.89	OSF 5.00	20947.83	10730.00				MinPts
30-025-41150-0100 - Triste Draw 25 Federal 3H ST01 - MWD to 15359ft - A (DefinitiveSurvey) - **Fail Minor**												
	4377.99	32.81	4374.60	4345.19	3093.78		0.00	0.00				MinPts
	4378.07	32.81	4374.67	4345.26	3092.17		26.50	26.50				WRP
	4387.62	32.81	4378.91	4354.81	651.68		740.00	740.00				MinPt-EOU
	4389.40	32.81	4375.09	4356.59	355.82		1290.00	1290.00				MinPt-EOU
	4389.35	32.81	4374.60	4356.55	337.76		1360.00	1360.00				MinPts
	4389.41	32.81	4371.29	4356.60	268.27		1700.00	1700.00				MinPts
	4389.62	32.81	4371.09	4356.81	261.71		1740.00	1740.00				MinPt-EOU
	5529.39	151.32	5427.97	5378.07	55.39		10110.00	10000.57				MinPt-CtCt
	5529.68	152.32	5427.60	5377.37	55.02		10200.00	10090.57				MinPt-EOU
	518.14	157.23	412.82	360.91	4.98	OSF 5.00	15660.00	10730.00	OSF<=5.00			Enter Alert
	210.71	208.86	70.97	1.84	1.51	OSF 5.00	16199.16	10730.00				MinPt-CtCt
	210.89	209.32	70.84	1.57	1.51	OSF 5.00	16210.00	10730.00				MinPts
	294.77	196.29	163.41	98.49	2.26	OSF 5.00	17240.00	10730.00				MinPt-CtCt
	298.29	210.77	157.28	87.53	2.13	OSF 5.00	17790.00	10730.00				MinPt-CtCt
	286.76	245.23	122.78	41.53	1.76	OSF 5.00	19170.00	10730.00				MinPt-CtCt
	290.36	255.99	119.20	34.37	1.70	OSF 5.00	19490.00	10730.00				MinPt-EOU
	291.96	292.30	96.60	-0.34	1.50	OSF 1.50	20630.00	10730.00		OSF<=1.50		Enter Minor
	291.09	294.79	94.07	-3.69	1.48	OSF 1.50	20720.00	10730.00				MinPts
	292.23	293.50	96.06	-1.27	1.49	OSF 1.50	20750.00	10730.00		OSF>1.50		Exit Minor
	367.21	252.80	198.17	114.41	2.18	OSF 5.00	20947.83	10730.00				TD
Coterra Triste Draw 36-25 Federal Com 211H Rev0 kFc 06Oct25 (DefinitivePlan) - **Warning Alert**												
	20.00	16.40	16.72	3.60	9.36	CtCt 15.00m	0.00	0.00	CtCt<=15.00m			Enter Alert
	20.00	16.40	16.72	3.60	9.36	CtCt 15.00m	26.50	26.50				WRP
	20.00	16.40	11.16	3.60	2.48	CtCt 15.00m	790.00	790.00				MinPts
	20.17	16.40	10.86	3.77	2.35	CtCt 15.00m	840.00	840.00				MinPt-EOU
	21.08	16.40	11.20	4.68	2.30	CtCt 15.00m	900.00	900.00				MinPt-SF
	74.94	23.19	59.15	51.75	5.00	OSF 5.00	1550.00	1550.00	OSF>5.00			Exit Alert
	1255.77	176.82	1137.56	1078.94	10.70		10246.95	10137.52				MinPt-SF
	1319.72	215.88	1175.47	1103.84	9.20		14460.00	10730.00				MinPt-EOU
	1319.88	216.07	1175.51	1103.81	9.20		14480.00	10730.00				MinPt-ADP
	1326.82	217.98	1181.17	1108.83	9.16		14680.00	10730.00				MinPt-SF
	1249.29	253.84	1079.74	995.46	7.41		16256.95	10730.00				MinPt-CtCt
	1249.62	254.83	1079.40	994.79	7.38		16300.00	10730.00				MinPt-EOU
	1249.98	255.29	1079.46	994.69	7.37		16320.00	10730.00				MinPt-ADP
	1319.82	376.50	1068.49	943.32	5.27		20940.00	10730.00				MinPt-CtCt
	1319.82	376.64	1068.40	943.19	5.27		20947.83	10730.00				MinPts
Coterra Triste Draw 36-25 Federal Com 302H Rev1 kFc 06Oct25 (DefinitivePlan) - **Warning Alert**												
	34.99	28.40	31.71	6.60	16.85	CtCt 15.00m	0.00	0.00	CtCt<=15.00m			Enter Alert
	34.99	28.40	31.71	6.60	16.85	CtCt 15.00m	26.50	26.50				WRP

Results highlighted in red: Sep-Factor <= 1.5

Result highlighted in boxed, red and bold: all local minima indicated.

Offset Trajectory	Separation			Allow	Sep.	Breaking	Reference Trajectory		Risk Level			Alert
	Ct-Ct (ft)	MAS (ft)	EOU (ft)	Dev. (ft)	Fact.	Rule	MD (ft)	TVD (ft)	Alert	Minor	Major	
	34.99	28.40	23.22	6.60	3.22	OSF 5.00	1090.00	1090.00				MinPt-EOU
	34.99	28.40	21.41	6.60	2.72	OSF 5.00	1290.00	1290.00				MinPt-EOU
	34.99	28.40	19.47	6.60	2.34	OSF 5.00	1500.00	1500.00				MinPts
	35.15	28.40	19.34	6.75	2.30	OSF 5.00	1530.00	1530.00				MinPt-EOU
	35.60	28.40	19.51	7.21	2.29	OSF 5.00	1560.00	1560.00				MinPt-SF
	68.90	32.44	46.95	36.46	3.24	OSF 5.00	2210.00	2207.31				MinPt-CtCt
	74.00	46.11	42.93	27.88	2.43	OSF 5.00	3090.00	3073.94				MinPt-EOU
	85.77	59.94	45.49	25.83	2.16	OSF 5.00	3880.00	3851.93				MinPt-ADP
	127.44	94.41	64.18	33.04	2.03	OSF 5.00	5720.00	5663.97				MinPt-SF
	215.86	155.36	111.96	60.51	2.09	OSF 5.00	8950.00	8844.88				MinPt-SF
	229.97	171.31	115.44	58.67	2.02	OSF 5.00	10280.00	10170.55				MinPt-CtCt
	230.20	172.16	115.10	58.04	2.01	OSF 5.00	10360.00	10249.84				MinPt-EOU
	230.30	172.28	115.12	58.02	2.01	OSF 5.00	10370.00	10259.63				MinPt-ADP
	230.59	172.54	115.24	58.05	2.01	OSF 5.00	10390.00	10279.09				MinPt-SF
	545.77	165.87	434.87	379.91	4.96	OSF 5.00	11070.00	10707.60	OSF>5.00			Exit Alert
	661.35	112.33	586.13	549.01	8.90		11290.00	10729.98				MinPts
	714.16	184.78	590.65	529.39	5.82		15230.00	10730.00				MinPt-EOU
	716.27	187.29	591.08	528.98	5.76		15320.00	10730.00				MinPt-ADP
	748.61	225.36	598.04	523.24	5.00	OSF 5.00	16640.00	10730.00	OSF<=5.00			Enter Alert
	739.95	237.12	581.54	502.83	4.69	OSF 5.00	17110.00	10730.00				MinPt-CtCt
	791.08	353.55	555.05	437.53	3.36	OSF 5.00	20947.83	10730.00				MinPts
Coterra Triste Draw 36-25 Federal Com 151H Rev0 kFc 06Oct25 (DefinitivePlan) - **Warning Alert**												
	39.99	32.40	36.71	7.60	19.35	CtCt 15.00m	0.00	0.00	CtCt<=15.00m			Enter Alert
	39.99	32.40	36.71	7.60	19.35	CtCt 15.00m	26.50	26.50				WRP
	39.99	32.40	33.06	7.60	6.86	CtCt 15.00m	590.00	590.00				MinPts
	40.18	32.40	32.78	7.78	6.37	CtCt 15.00m	640.00	640.00				MinPt-EOU
	46.12	32.40	36.96	13.73	5.69	CtCt 15.00m	830.00	830.00				MinPt-SF
	49.14	32.40	39.51	16.75	5.74	CtCt 15.00m	880.00	880.00	CtCt>15.00m			Exit Alert
	1237.88	171.09	1123.50	1066.80	10.91		9730.00	9620.57				MinPt-CtCt
	1237.96	171.28	1123.45	1066.68	10.90		9750.00	9640.57				MinPts
	1241.02	172.11	1125.95	1068.91	10.87		9850.00	9740.57				MinPt-SF
	1536.35	243.40	1373.76	1292.95	9.50		16256.95	10730.00				MinPt-CtCt
	1536.82	244.66	1373.38	1292.16	9.45		16310.00	10730.00				MinPt-EOU
	1537.23	245.14	1373.48	1292.09	9.44		16330.00	10730.00				MinPt-ADP
	1603.15	368.58	1357.11	1234.58	6.54		20947.83	10730.00				MinPts
Coterra Triste Draw 36-25 Federal Com 221U Rev0 kFc 06Oct25 (DefinitivePlan) - **Warning Alert**												
	40.31	32.65	37.02	7.66	19.51	CtCt 15.00m	0.00	0.00	CtCt<=15.00m			Enter Alert
	40.31	32.65	37.02	7.66	19.51	CtCt 15.00m	26.50	26.50				WRP
	40.31	32.65	28.54	7.66	3.72	OSF 5.00	1090.00	1090.00				MinPt-EOU
	40.31	32.65	26.72	7.66	3.15	OSF 5.00	1290.00	1290.00				MinPt-EOU
	40.31	32.65	24.89	7.66	2.72	OSF 5.00	1490.00	1490.00				MinPts
	40.47	32.65	24.65	7.82	2.66	OSF 5.00	1530.00	1530.00				MinPt-EOU
	41.15	32.65	24.96	8.51	2.64	OSF 5.00	1570.00	1570.00				MinPt-SF
	76.38	34.16	53.28	42.22	3.41	OSF 5.00	2330.00	2325.49				MinPt-EOU
	79.16	37.46	53.86	41.70	3.21	OSF 5.00	2550.00	2542.15				MinPt-ADP
	116.42	60.85	75.52	55.57	2.89	OSF 5.00	3920.00	3891.33				MinPt-SF
	447.03	151.21	345.89	295.82	4.45	OSF 5.00	11280.00	10729.88				MinPt-CtCt
	391.12	232.16	236.02	158.96	2.53	OSF 5.00	16256.95	10730.00				MinPt-CtCt
	391.84	234.11	235.44	157.73	2.51	OSF 5.00	16330.00	10730.00				MinPt-EOU
	392.54	234.95	235.58	157.60	2.51	OSF 5.00	16360.00	10730.00				MinPt-ADP
	396.12	237.60	237.39	158.52	2.50	OSF 5.00	16450.00	10730.00				MinPt-SF
	447.57	350.06	213.87	97.51	1.92	OSF 5.00	20380.00	10730.00				MinPts
	588.99	325.82	371.45	263.17	2.72	OSF 5.00	20947.83	10730.00				TD
Coterra Triste Draw 36-25 Federal Com 402H - Corrected MWD to 22603ft (DefinitiveSurvey) - **Warning Alert**												
	153.19	32.81	150.60	120.38	107.58		0.00	0.00				Surface
	153.03	32.81	150.44	120.22	107.36		10.00	10.00				MinPts
	153.03	32.81	150.44	120.23	107.36		26.50	26.50				WRP
	148.32	32.81	135.07	115.52	12.18		1290.00	1290.00				MinPt-EOU
	146.61	32.81	130.18	113.80	9.43		1630.00	1630.00				MinPts
	145.35	32.81	124.80	112.55	7.38		2070.00	2068.97				MinPts
	141.74	38.78	115.56	102.96	5.59		2640.00	2630.78				MinPt-CtCt
	139.59	42.63	110.84	96.96	4.99	OSF 5.00	2890.00	2876.98	OSF<=5.00			Enter Alert
	139.22	44.28	109.37	94.93	4.79	OSF 5.00	3000.00	2985.31				MinPt-CtCt
	136.94	49.30	103.75	87.64	4.22	OSF 5.00	3330.00	3310.29				MinPt-CtCt
	111.16	67.89	65.58	43.27	2.47	OSF 5.00	4553.73	4515.42				MinPt-CtCt
	113.91	78.05	61.55	35.86	2.20	OSF 5.00	5210.00	5161.72				MinPt-CtCt
	114.12	78.63	61.37	35.49	2.19	OSF 5.00	5250.00	5201.11				MinPt-EOU
	114.36	78.91	61.42	35.45	2.18	OSF 5.00	5270.00	5220.81				MinPt-ADP
	116.11	80.28	62.26	35.83	2.18	OSF 5.00	5360.00	5309.44				MinPt-SF
	124.32	85.78	66.81	38.55	2.18	OSF 5.00	5700.00	5644.27				MinPt-SF
	129.37	90.19	68.92	39.19	2.16	OSF 5.00	5960.00	5900.32				MinPt-EOU
	129.64	90.50	68.98	39.14	2.16	OSF 5.00	5980.00	5920.02				MinPt-ADP
	130.20	90.98	69.22	39.23	2.15	OSF 5.00	6010.00	5949.56				MinPt-SF
	137.16	96.30	72.63	40.86	2.14	OSF 5.00	6320.00	6254.85				MinPt-ADP
	137.55	96.61	72.81	40.93	2.14	OSF 5.00	6340.00	6274.55				MinPt-SF
	160.07	106.67	88.63	53.40	2.26	OSF 5.00	6910.00	6835.88				MinPt-SF
	179.91	116.98	101.60	62.94	2.31	OSF 5.00	7490.00	7407.07				MinPt-SF
	180.17	151.86	78.61	28.31	1.78	OSF 5.00	9290.00	9181.00				MinPt-CtCt
	180.60	153.28	78.09	27.32	1.77	OSF 5.00	9370.00	9260.72				MinPt-EOU
	181.14	153.94	78.19	27.20	1.77	OSF 5.00	9410.00	9300.65				MinPt-ADP
	182.50	156.18	78.06	26.33	1.75	OSF 5.00	9566.95	9457.52				MinPt-EOU
	183.33	157.26	78.16	26.06	1.75	OSF 5.00	9650.00	9540.57				MinPt-ADP
	183.75	157.66	78.32	26.10	1.75	OSF 5.00	9680.00	9570.57				MinPt-SF
	185.73	160.09	78.68	25.64	1.74	OSF 5.00	9870.00	9760.57				MinPt-EOU
	186.71	161.27	78.87	25.44	1.74	OSF 5.00	9960.00	9850.57				MinPt-ADP
	187.41	161.92	79.14	25.49	1.74	OSF 5.00	10010.00	9900.57				MinPt-SF
	189.99	164.37	80.08	25.62	1.74	OSF 5.00	10200.00	10090.57				MinPt-EOU

Offset Trajectory	Separation			Allow	Sep.	Breaking	Reference Trajectory		Risk Level			Alert
	Ct-Ct (ft)	MAS (ft)	EOU (ft)	Dev. (ft)	Fact.	Rule	MD (ft)	TVD (ft)	Alert	Minor	Major	
	190.28	164.83	80.07	25.45	1.73	OSF 5.00	10246.95	10137.52				MinPt-EOU
	190.45	165.07	80.07	25.38	1.73	OSF 5.00	10290.00	10180.53				MinPt-EOU
	190.50	165.14	80.08	25.36	1.73	OSF 5.00	10310.00	10200.44				MinPts
	519.70	158.70	413.57	361.00	4.93	OSF 5.00	11070.00	10707.60	OSF>5.00			Exit Alert
	1734.81	126.70	1650.02	1608.11	20.69		12790.00	10730.00				MinPt-CtCt
	1734.26	131.51	1646.26	1602.75	19.92		13040.00	10730.00				MinPt-CtCt
	1734.42	132.16	1645.98	1602.25	19.82		13090.00	10730.00				MinPts
	1737.85	145.07	1640.81	1592.78	18.08		13670.00	10730.00				MinPt-CtCt
	1737.92	145.37	1640.68	1592.56	18.05		13700.00	10730.00				MinPt-EOU
	1738.08	145.57	1640.71	1592.52	18.02		13720.00	10730.00				MinPt-ADP
	1723.76	159.98	1616.78	1563.78	16.25		14300.00	10730.00				MinPt-CtCt
	1718.10	174.38	1601.52	1543.72	14.85		14860.00	10730.00				MinPt-CtCt
	1716.23	178.87	1596.66	1537.37	14.46		15030.00	10730.00				MinPt-CtCt
	1716.37	179.21	1596.57	1537.16	14.44		15060.00	10730.00				MinPt-EOU
	1710.62	201.43	1576.01	1509.20	12.79		15860.00	10730.00				MinPt-CtCt
	1710.97	202.52	1575.63	1508.45	12.73		15920.00	10730.00				MinPt-EOU
	1712.14	206.76	1573.97	1505.37	12.47		16060.00	10730.00				MinPt-EOU
	1712.58	207.32	1574.04	1505.26	12.44		16090.00	10730.00				MinPt-ADP
	1708.61	224.18	1558.82	1484.43	11.48		16620.00	10730.00				MinPt-CtCt
	1709.76	227.30	1557.89	1482.45	11.33		16760.00	10730.00				MinPt-EOU
	1710.85	228.60	1558.12	1482.25	11.27		16820.00	10730.00				MinPt-ADP
	1707.79	235.12	1550.71	1472.67	10.93		17000.00	10730.00				MinPt-CtCt
	1707.84	235.28	1550.66	1472.56	10.93		17020.00	10730.00				MinPt-EOU
	1707.91	235.35	1550.68	1472.55	10.92		17030.00	10730.00				MinPt-ADP
	1708.43	235.91	1550.83	1472.52	10.90		17070.00	10730.00				MinPt-ADP
	1712.88	245.24	1549.06	1467.64	10.51		17390.00	10730.00				MinPt-EOU
	1713.52	246.03	1549.17	1467.49	10.48		17430.00	10730.00				MinPt-ADP
	1716.54	256.13	1545.46	1460.41	10.09		17750.00	10730.00				MinPt-EOU
	1716.82	256.47	1545.51	1460.35	10.07		17770.00	10730.00				MinPt-ADP
	1719.22	261.33	1544.67	1457.89	9.90		17920.00	10730.00				MinPt-EOU
	1719.47	261.61	1544.73	1457.86	9.89		17940.00	10730.00				MinPt-ADP
	1721.97	267.14	1543.54	1454.82	9.70		18090.00	10730.00				MinPt-CtCt
	1722.01	267.35	1543.45	1454.66	9.69		18110.00	10730.00				MinPt-EOU
	1722.08	267.45	1543.45	1454.63	9.69		18120.00	10730.00				MinPt-ADP
	1726.47	272.45	1544.51	1454.02	9.53		18290.00	10730.00				MinPt-EOU
	1726.89	272.95	1544.60	1453.95	9.52		18320.00	10730.00				MinPt-ADP
	1731.40	279.46	1544.77	1451.94	9.32		18530.00	10730.00				MinPt-EOU
	1734.33	290.30	1540.46	1444.02	8.99		18850.00	10730.00				MinPt-CtCt
	1734.68	291.42	1540.08	1443.26	8.95		18910.00	10730.00				MinPt-EOU
	1736.54	295.00	1539.54	1441.54	8.85		19030.00	10730.00				MinPt-EOU
	1737.02	295.57	1539.64	1441.44	8.84		19060.00	10730.00				MinPt-ADP
	1721.78	333.23	1499.30	1388.55	7.77		20230.00	10730.00				MinPt-CtCt
	1721.87	333.57	1499.16	1388.30	7.76		20260.00	10730.00				MinPt-EOU
	1721.96	333.67	1499.18	1388.28	7.76		20270.00	10730.00				MinPt-ADP
	1734.62	344.13	1504.87	1390.49	7.58		20640.00	10730.00				MinPt-ADP
	1746.27	352.48	1510.96	1393.79	7.45		20947.83	10730.00				MinPt-SF
Coterra Triste Draw 36-25 Federal Com 352H - Corrected MWD to 22318ft (DefinitiveSurvey) - **Warning Alert**												
	169.31	32.81	166.61	136.50	118.89		0.00	0.00				Surface
	169.16	32.81	166.46	136.35	118.69		26.50	26.50				WRP
	167.15	32.81	157.85	134.35	20.69		873.27	873.27				MinPts
	169.58	32.81	156.27	136.77	14.00		1290.00	1290.00				MinPt-EOU
	169.77	32.81	156.39	136.97	13.70		1320.00	1320.00				MinPt-EOU
	170.44	32.81	156.38	137.63	12.96		1420.00	1420.00				MinPt-EOU
	172.10	32.81	155.35	139.29	10.86		1850.00	1849.93				MinPts
	172.57	32.81	154.38	139.76	9.97		2060.00	2059.05				MinPt-EOU
	298.34	66.15	253.91	232.19	6.84		4680.00	4639.78				MinPt-SF
	313.96	71.96	265.66	242.00	6.61		5010.00	4964.76				MinPt-EOU
	316.46	75.15	266.04	241.32	6.38		5200.00	5151.87				MinPt-ADP
	431.55	129.59	344.83	301.96	5.02		8350.00	8254.00				MinPt-CtCt
	431.63	130.26	344.46	301.37	5.00	OSF 5.00	8390.00	8293.39	OSF<=5.00			Enter Alert
	432.12	131.41	344.18	300.71	4.96	OSF 5.00	8460.00	8362.33				MinPt-EOU
	433.36	132.87	344.45	300.48	4.92	OSF 5.00	8550.00	8450.96				MinPt-ADP
	449.95	140.70	355.82	309.25	4.82	OSF 5.00	9060.00	8953.21				MinPt-SF
	452.45	157.37	347.21	295.08	4.33	OSF 5.00	10430.00	10317.47				MinPt-CtCt
	452.57	157.68	347.13	294.89	4.32	OSF 5.00	10460.00	10345.69				MinPt-EOU
	452.67	157.78	347.16	294.89	4.32	OSF 5.00	10470.00	10354.98				MinPt-ADP
	453.26	158.07	347.55	295.19	4.32	OSF 5.00	10500.00	10382.42				MinPt-SF
	530.11	159.74	423.29	370.37	5.00	OSF 5.00	10850.00	10635.23	OSF>5.00			Exit Alert
	1501.66	131.03	1413.98	1370.63	17.31		12730.00	10730.00				MinPt-CtCt
	1501.27	136.45	1409.98	1364.82	16.61		13020.00	10730.00				MinPt-CtCt
	1492.18	162.87	1383.27	1329.31	13.82		14220.00	10730.00				MinPt-CtCt
	1492.85	171.41	1378.25	1321.44	13.13		14570.00	10730.00				MinPt-CtCt
	1494.51	188.38	1368.60	1306.13	11.96		15220.00	10730.00				MinPt-CtCt
	1496.35	194.80	1366.15	1301.55	11.57		15440.00	10730.00				MinPt-EOU
	1497.15	195.73	1366.34	1301.42	11.52		15480.00	10730.00				MinPt-ADP
	1500.96	201.35	1366.40	1299.61	11.23		15660.00	10730.00				MinPt-EOU
	1501.68	202.18	1366.56	1299.49	11.19		15700.00	10730.00				MinPt-ADP
	1500.33	238.89	1340.74	1261.44	9.45		17070.00	10730.00				MinPt-CtCt
	1500.71	240.16	1340.27	1260.54	9.41		17130.00	10730.00				MinPt-EOU
	1502.18	249.67	1335.40	1252.50	9.05		17410.00	10730.00				MinPt-CtCt
	1501.20	258.86	1328.30	1242.34	8.73		17720.00	10730.00				MinPt-CtCt
	1498.50	276.14	1314.08	1222.37	8.16		18300.00	10730.00				MinPt-CtCt
	1496.34	294.04	1299.98	1202.30	7.65		18890.00	10730.00				MinPt-CtCt
	1497.76	305.94	1293.47	1191.82	7.36		19280.00	10730.00				MinPt-CtCt
	1493.90	331.72	1272.43	1162.19	6.77		20120.00	10730.00				MinPt-CtCt
	1493.64	338.89	1267.38	1154.75	6.63		20350.00	10730.00				MinPt-CtCt
	1492.54	357.55	1253.85	1134.99	6.27		20940.00	10730.00				MinPt-SF
	1492.52	357.54	1253.83	1134.98	6.27		20947.83	10730.00				MinPts

Offset Trajectory	Separation			Allow	Sep.	Breaking	Reference Trajectory		Risk Level			Alert
	Ct-Ct (ft)	MAS (ft)	EOU (ft)	Dev. (ft)	Fact.	Rule	MD (ft)	TVD (ft)	Alert	Minor	Major	
30-025-40343 - Triste Draw 36 State 4H - Gyro+MWD to 15427ft - A (DefinitiveSurvey) - **Warning Alert**												
	3658.77	32.81	3655.37	3625.96	2585.29		0.00	0.00				MinPts
	3658.79	32.81	3655.39	3625.98	2582.31		26.50	26.50				WRP
	3655.11	32.81	3640.75	3622.30	295.12		1290.00	1290.00				MinPt-EOU
	3655.10	32.81	3640.69	3622.29	288.83		1320.00	1320.00				MinPts
	3656.63	32.81	3638.34	3623.83	221.04		1720.00	1720.00				MinPt-EOU
	688.52	209.41	548.38	479.11	4.96	OSF 5.00	10600.00	10468.65	OSF<=5.00			Enter Alert
	500.83	239.31	340.75	261.52	3.15	OSF 5.00	11230.00	10728.05				MinPt-SF
	500.04	238.75	340.34	261.29	3.15	OSF 5.00	11260.00	10729.41				MinPts
	499.39	234.61	342.45	264.78	3.20	OSF 5.00	11410.00	10730.00				MinPt-CtCt
	492.25	218.81	345.84	273.44	3.39	OSF 5.00	11870.00	10730.00				MinPt-ADP
	490.42	216.64	345.46	273.78	3.41	OSF 5.00	11950.00	10730.00				MinPt-EOU
	489.77	214.93	345.95	274.85	3.43	OSF 5.00	12020.00	10730.00				MinPt-CtCt
	491.35	201.30	356.61	290.05	3.68	OSF 5.00	12490.00	10730.00				MinPt-ADP
	486.87	197.51	354.69	289.36	3.71	OSF 5.00	12640.00	10730.00				MinPt-ADP
	364.07	165.88	252.98	198.19	3.31	OSF 5.00	14582.88	10730.00				MinPt-CtCt
	364.16	166.10	252.93	198.06	3.31	OSF 5.00	14610.00	10730.00				MinPt-EOU
	364.24	166.18	252.95	198.05	3.30	OSF 5.00	14620.00	10730.00				MinPt-ADP
	365.09	166.70	253.45	198.38	3.30	OSF 5.00	14670.00	10730.00				MinPt-SF
	391.28	186.79	266.25	204.49	3.16	OSF 5.00	15240.00	10730.00				MinPt-CtCt
	392.56	190.97	264.75	201.59	3.10	OSF 5.00	15290.00	10730.00				MinPt-EOU
	393.18	191.63	264.92	201.54	3.09	OSF 5.00	15300.00	10730.00				MinPt-ADP
	394.88	192.85	265.82	202.03	3.08	OSF 5.00	15320.00	10730.00				MinPt-SF
	619.11	187.33	493.72	431.77	4.99	OSF 5.00	15790.00	10730.00	OSF>5.00			Exit Alert
	5566.12	168.82	5453.07	5397.30	49.89		20947.83	10730.00				TD
30-025-41150 - Triste Draw 25 Federal 3H Pilot - MWD to 10322.56ft (DefinitiveSurvey) - **Warning Alert**												
	4378.00	32.81	4374.60	4345.19	3093.78		0.00	0.00				MinPts
	4378.07	32.81	4374.68	4345.26	3092.22		26.50	26.50				WRP
	4387.46	32.81	4378.84	4354.65	660.78		730.00	730.00				MinPt-EOU
	4389.32	32.81	4375.01	4356.51	355.67		1290.00	1290.00				MinPt-EOU
	4389.27	32.81	4374.52	4356.47	337.65		1360.00	1360.00				MinPts
	4389.31	32.81	4371.19	4356.50	268.20		1700.00	1700.00				MinPts
	4389.52	32.81	4370.99	4356.71	261.63		1740.00	1740.00				MinPt-EOU
	5529.36	151.32	5427.94	5378.04	55.39		10110.00	10000.57				MinPt-CtCt
	5529.66	152.32	5427.58	5377.34	55.02		10200.00	10090.57				MinPt-EOU
	511.66	155.21	407.69	356.45	4.98	OSF 5.00	15920.00	10730.00	OSF<=5.00			Enter Alert
	479.98	165.13	369.40	314.86	4.39	OSF 5.00	16104.26	10730.00				MinPt-CtCt
	480.22	165.93	369.10	314.30	4.37	OSF 5.00	16120.00	10730.00				MinPt-EOU
	480.62	166.42	369.18	314.20	4.36	OSF 5.00	16130.00	10730.00				MinPt-ADP
	484.15	168.26	371.48	315.89	4.34	OSF 5.00	16170.00	10730.00				MinPt-SF
	570.78	173.84	454.38	396.93	4.95	OSF 5.00	16420.00	10730.00	OSF>5.00			Exit Alert
	4857.66	167.95	4745.20	4689.72	43.76		20947.83	10730.00				TD
30-025-21081 - BRINNINSTOOL P UNIT 1 - INC Only to 17649ft - P&A (DefinitiveSurvey) - **Warning Alert**												
	1248.60	32.81	1245.20	1215.79	881.34		0.00	0.00				Surface
	1248.60	32.81	1245.20	1215.79	881.29		26.50	26.50				WRP
	1248.60	103.96	1178.70	1144.64	18.30		1700.00	1700.00				MinPt-CtCt
	1252.68	116.68	1174.30	1135.99	16.33		1870.00	1869.90				MinPt-EOU
	1256.74	121.55	1175.11	1135.18	15.71		1940.00	1939.72				MinPt-ADP
	2214.22	665.80	1769.81	1548.42	5.00	OSF 5.00	10800.00	10608.60	OSF<=5.00			Enter Alert
	1468.14	678.67	1015.15	789.46	3.25	OSF 5.00	12480.00	10730.00				MinPts
	1468.17	678.70	1015.17	789.47	3.25	OSF 5.00	12490.00	10730.00				MinPt-SF
	2253.76	679.16	1800.48	1574.60	4.99	OSF 5.00	14190.00	10730.00	OSF>5.00			Exit Alert
	8587.82	679.23	8134.50	7908.59	19.00		20947.83	10730.00				TD
Coterra Triste Draw 36-25 Federal Com 301H Rev1 kFc 06Oct25 (DefinitivePlan) - **Pass**												
	53.14	32.81	49.85	20.33	25.92		0.00	0.00				Surface
	53.14	32.81	49.85	20.33	25.92		26.50	26.50				WRP
	53.14	32.81	46.21	20.33	9.18		590.00	590.00				MinPts
	53.35	32.81	45.95	20.54	8.52		640.00	640.00				MinPt-EOU
	62.55	32.81	53.03	29.74	7.44		870.00	870.00				MinPt-SF
	209.13	32.81	187.21	176.32	9.94		2200.00	2197.47				MinPt-SF
	698.63	158.69	592.50	539.93	6.64		9100.00	8992.63				MinPt-SF
	795.61	174.62	678.87	620.99	6.86		10330.00	10220.28				MinPts
	795.68	174.65	678.92	621.03	6.86		10360.00	10249.84				MinPt-SF
	1234.74	209.47	1094.77	1025.27	8.88		15010.00	10730.00				MinPt-CtCt
	1235.22	212.21	1093.42	1023.01	8.76		15150.00	10730.00				MinPt-EOU
	1235.44	212.48	1093.46	1022.96	8.76		15170.00	10730.00				MinPt-ADP
	1237.25	217.11	1092.18	1020.14	8.58		15520.00	10730.00				MinPt-CtCt
	1234.60	236.00	1076.93	998.60	7.87		16150.00	10730.00				MinPt-CtCt
	1235.29	239.70	1075.17	995.60	7.76		16300.00	10730.00				MinPt-EOU
	1235.88	240.45	1075.26	995.43	7.74		16330.00	10730.00				MinPt-ADP
	1307.15	368.43	1061.20	938.71	5.33		20947.83	10730.00				MinPts
30-025-40667 - Triste Draw 36 State 5H - Gyro+MWD to 13910ft (DefinitiveSurvey) - **Pass**												
	3662.16	32.81	3658.76	3629.35	2586.29		0.00	0.00				Surface
	3662.02	32.81	3658.62	3629.22	2565.21		26.50	26.50				WRP
	3653.90	32.81	3641.01	3621.09	334.90		1150.00	1150.00				MinPts
	3654.11	32.81	3639.87	3621.30	297.81		1290.00	1290.00				MinPt-EOU
	3653.90	32.81	3638.89	3621.10	275.55		1390.00	1390.00				MinPts
	3654.21	32.81	3637.23	3621.40	239.98		1590.00	1590.00				MinPts
	3654.66	32.81	3636.30	3621.85	219.97		1730.00	1730.00				MinPt-EOU
	587.06	173.86	470.62	413.21	5.10		9869.36	9759.93				MinPt-CtCt
	587.06	173.86	470.62	413.21	5.10		9870.00	9760.57				MinPts
	988.15	137.32	896.07	850.84	10.90		11350.00	10730.00				MinPt-SF
	972.43	133.02	883.22	839.42	11.08		11750.00	10730.00				MinPt-ADP
	972.33	132.90	883.19	839.43	11.09		11760.00	10730.00				MinPt-EOU
	958.96	125.20	874.96	833.77	11.62		12450.00	10730.00				MinPt-ADP
	958.88	125.10	874.95	833.78	11.63		12470.00	10730.00				MinPt-EOU

Offset Trajectory	Separation			Allow	Sep.	Breaking	Reference Trajectory		Risk Level			Alert
	Ct-Ct (ft)	MAS (ft)	EOU (ft)	Dev. (ft)	Fact.	Rule	MD (ft)	TVD (ft)	Alert	Minor	Major	
	958.83	124.84	875.11	834.00	11.64		12500.00	10730.00				MinPt-CtCt
	955.74	122.95	873.28	832.79	11.79		12780.00	10730.00				MinPt-ADP
	955.73	122.93	873.28	832.80	11.79		12790.00	10730.00				MinPt-EOU
	955.72	122.90	873.29	832.82	11.79		12800.00	10730.00				MinPt-CtCt
	938.28	121.04	857.08	817.24	11.75		13520.00	10730.00				MinPt-CtCt
	938.29	121.09	857.07	817.21	11.75		13530.00	10730.00				MinPt-EOU
	938.45	121.40	857.02	817.05	11.72		13630.00	10730.00				MinPt-EOU
	938.64	121.65	857.04	816.99	11.70		13680.00	10730.00				MinPt-EOU
	938.72	121.74	857.06	816.98	11.69		13690.00	10730.00				MinPt-ADP
	941.07	122.78	858.72	818.29	11.62		13800.00	10730.00				MinPt-SF
	943.55	123.11	860.97	820.43	11.62		13880.00	10730.00				MinPt-SF
	945.48	123.34	862.75	822.14	11.62		13960.00	10730.00				MinPt-SF
	945.15	124.00	861.98	821.15	11.56		14110.00	10730.00				MinPt-CtCt
	945.43	124.73	861.77	820.70	11.49		14180.00	10730.00				MinPt-EOU
	946.25	125.80	861.89	820.45	11.40		14280.00	10730.00				MinPt-ADP
	947.59	126.73	862.60	820.86	11.33		14350.00	10730.00				MinPt-SF
	940.08	131.71	851.77	808.37	10.81		14820.00	10730.00				MinPt-CtCt
	940.33	132.46	851.52	807.86	10.75		14850.00	10730.00				MinPt-EOU
	940.77	132.97	851.62	807.80	10.72		14870.00	10730.00				MinPt-ADP
	969.85	140.34	875.79	829.51	10.46		15130.00	10730.00				MinPt-SF
	5725.87	169.09	5612.65	5556.78	51.24		20947.83	10730.00				TD
30-025-43998 - Triste Draw 25 Federal 12H - IFR1 to 14078ft (DefinitiveSurvey) - **Pass**												
	4538.82	32.81	4535.43	4506.02	3206.72		0.00	0.00				Surface
	4538.78	32.81	4535.38	4505.97	3191.56		26.50	26.50				WRP
	4525.76	32.81	4511.41	4492.95	365.62		1290.00	1290.00				MinPt-EOU
	4525.24	32.81	4510.13	4492.43	338.99		1410.00	1410.00				MinPts
	4527.06	32.81	4509.20	4494.25	281.19		1710.00	1710.00				MinPt-EOU
	5813.03	149.16	5713.05	5663.87	59.08		10200.00	10090.57				MinPt-SF
	1029.63	179.08	909.75	850.55	8.68		16748.01	10730.00				MinPt-CtCt
	1029.99	180.07	909.44	849.92	8.64		16780.00	10730.00				MinPt-EOU
	1030.24	180.37	909.49	849.87	8.63		16790.00	10730.00				MinPt-ADP
	1051.89	190.18	924.60	861.70	8.35		17190.00	10730.00				MinPt-EOU
	1047.93	200.06	914.06	847.87	7.90		17630.00	10730.00				MinPt-CtCt
	1048.76	207.53	909.90	841.23	7.62		17940.00	10730.00				MinPt-CtCt
	1049.42	209.82	909.04	839.60	7.55		18030.00	10730.00				MinPt-EOU
	1052.04	216.28	907.35	835.76	7.34		18290.00	10730.00				MinPt-EOU
	1052.87	217.28	907.52	835.59	7.31		18330.00	10730.00				MinPt-ADP
	1038.26	248.41	872.16	789.85	6.30		19520.00	10730.00				MinPt-CtCt
	1040.00	252.30	871.30	787.70	6.21		19660.00	10730.00				MinPt-EOU
	1042.16	256.68	870.54	785.48	6.12		19820.00	10730.00				MinPt-EOU
	1041.45	271.88	859.70	769.57	5.77		20370.00	10730.00				MinPt-CtCt
	1042.19	274.12	858.94	768.06	5.73		20450.00	10730.00				MinPt-EOU
	1042.89	274.94	859.10	767.95	5.71		20480.00	10730.00				MinPt-ADP
	1048.14	282.22	859.50	765.93	5.59		20740.00	10730.00				MinPts
	1050.46	283.31	861.09	767.15	5.58		20790.00	10730.00				MinPt-SF
	1073.12	283.98	883.31	789.15	5.69		20947.83	10730.00				TD
30-025-40665 - Triste Draw 36 State 2H - MWD to 13691ft (DefinitiveSurvey) - **Pass**												
	3967.68	32.81	3964.29	3934.88	2803.64		0.00	0.00				Surface
	3967.67	32.81	3964.28	3934.86	2795.67		26.50	26.50				WRP
	3967.51	32.81	3963.53	3934.70	1990.20		200.00	200.00				MinPts
	3965.31	32.81	3950.93	3932.50	319.49		1290.00	1290.00				MinPt-EOU
	3963.75	32.81	3945.27	3930.94	236.94		1720.00	1720.00				MinPts
	3963.93	32.81	3945.17	3931.12	233.00		1750.00	1750.00				MinPt-EOU
	1190.58	200.72	1056.22	989.86	8.96		9940.00	9830.57				MinPts
	1190.64	200.75	1056.27	989.90	8.96		9950.00	9840.57				MinPt-SF
	1149.55	190.23	1022.19	959.32	9.13		11530.00	10730.00				MinPts
	1191.15	156.84	1086.10	1034.32	11.49		12950.00	10730.00				MinPt-CtCt
	1175.48	149.00	1075.65	1026.48	11.94		13750.00	10730.00				MinPt-SF
	1094.40	156.44	989.61	937.96	10.58		15120.95	10730.00				MinPt-CtCt
	1094.51	156.79	989.48	937.72	10.56		15140.00	10730.00				MinPt-EOU
	1094.66	156.98	989.50	937.67	10.55		15150.00	10730.00				MinPt-ADP
	1105.85	159.98	998.70	945.87	10.45		15320.00	10730.00				MinPt-SF
	5556.58	171.73	5441.59	5384.85	48.95		20947.83	10730.00				TD
30-025-40578-0100 - Triste Draw 36 State 6H ST01 - MWD 10466 to 15038ft (DefinitiveSurvey) - **Pass**												
	3798.55	32.81	3795.16	3765.74	2683.39		0.00	0.00				Surface
	3798.51	32.81	3795.11	3765.70	2671.15		26.50	26.50				WRP
	3798.11	32.81	3794.07	3765.30	1841.25		200.00	200.00				MinPts
	3804.25	32.81	3790.01	3771.44	310.23		1290.00	1290.00				MinPt-EOU
	3805.15	32.81	3789.90	3772.34	282.02		1420.00	1420.00				MinPt-EOU
	3807.75	32.81	3789.74	3774.94	234.23		1700.00	1700.00				MinPt-EOU
	1216.09	242.04	1054.19	974.05	7.58		10960.00	10680.25				MinPt-SF
	1199.82	235.55	1042.24	964.27	7.68		11210.00	10726.70				MinPt-ADP
	1199.36	235.03	1042.13	964.33	7.70		11230.00	10728.05				MinPt-EOU
	1198.82	233.30	1042.75	965.52	7.75		11290.00	10729.98				MinPt-CtCt
	1196.33	225.53	1045.44	970.80	8.00		11480.00	10730.00				MinPt-EOU
	1194.77	219.12	1048.16	975.65	8.23		11690.00	10730.00				MinPt-CtCt
	1196.03	211.99	1054.17	984.04	8.52		11910.00	10730.00				MinPt-CtCt
	1183.31	194.17	1053.33	989.14	9.21		12490.00	10730.00				MinPts
	1182.37	193.23	1053.05	989.14	9.24		12530.00	10730.00				MinPt-ADP
	1181.52	192.23	1052.86	989.28	9.28		12580.00	10730.00				MinPt-EOU
	1180.94	190.71	1053.30	990.23	9.35		12660.00	10730.00				MinPt-CtCt
	1147.45	176.59	1029.22	970.86	9.82		14996.02	10730.00				MinPt-CtCt
	1147.45	176.62	1029.20	970.83	9.82		15000.00	10730.00				MinPt-EOU
	1147.51	176.71	1029.21	970.80	9.81		15010.00	10730.00				MinPt-ADP
	1148.88	177.09	1030.32	971.78	9.80		15060.00	10730.00				MinPt-SF
	5978.65	155.10	5874.75	5823.55	58.37		20947.83	10730.00				TD

Offset Trajectory	Separation			Allow	Sep.	Breaking	Reference Trajectory		Risk Level			Alert
	Ct-Ct (ft)	MAS (ft)	EOU (ft)	Dev. (ft)	Fact.	Rule	MD (ft)	TVD (ft)	Alert	Minor	Major	
30-025-40578 - Triste Draw 36 State 6H - Gyro+MWD to 11368ft (DefinitiveSurvey) - **Pass**												
	3798.55	32.81	3795.16	3765.74	2683.39		0.00	0.00				Surface
	3798.51	32.81	3795.11	3765.70	2671.15		26.50	26.50				WRP
	3798.11	32.81	3794.07	3765.30	1841.25		200.00	200.00				MinPts
	3804.25	32.81	3790.01	3771.44	310.23		1290.00	1290.00				MinPt-EOU
	3805.15	32.81	3789.90	3772.34	282.02		1420.00	1420.00				MinPt-EOU
	3807.75	32.81	3789.74	3774.94	234.23		1700.00	1700.00				MinPt-EOU
	4651.72	134.27	4561.67	4517.46	52.58		9940.00	9830.57				MinPt-CtCt
	4651.86	134.70	4561.52	4517.15	52.41		9990.00	9880.57				MinPt-EOU
	4652.06	134.97	4561.55	4517.10	52.31		10020.00	9910.57				MinPt-ADP
	1166.19	178.56	1046.65	987.63	9.87		15081.90	10730.00				MinPt-CtCt
	1166.22	178.62	1046.64	987.60	9.86		15090.00	10730.00				MinPts
	1167.18	178.89	1047.42	988.30	9.86		15130.00	10730.00				MinPt-SF
	5974.01	154.96	5870.20	5819.05	58.38		20947.83	10730.00				TD
30-025-44001 - Triste Draw 25 Federal 13H - IFR1 to 13778ft (DefinitiveSurvey) - **Pass**												
	4539.10	32.81	4535.71	4506.29	3204.95		0.00	0.00				Surface
	4539.00	32.81	4535.59	4506.19	3177.77		26.50	26.50				WRP
	4526.17	32.81	4511.69	4493.36	361.85		1290.00	1290.00				MinPt-EOU
	4525.11	32.81	4509.52	4492.30	327.10		1450.00	1450.00				MinPts
	4525.50	32.81	4509.21	4492.69	311.22		1540.00	1540.00				MinPt-EOU
	5823.19	144.69	5726.20	5678.51	61.04		10110.00	10000.57				MinPt-SF
	1228.38	171.21	1113.73	1057.16	10.84		16900.00	10730.00				MinPt-CtCt
	1210.47	208.59	1070.91	1001.88	8.76		18414.52	10730.00				MinPt-CtCt
	1211.90	212.75	1069.56	999.15	8.59		18570.00	10730.00				MinPt-EOU
	1213.00	214.09	1069.77	998.91	8.55		18620.00	10730.00				MinPt-ADP
	1218.10	220.36	1070.69	997.74	8.34		18860.00	10730.00				MinPt-CtCt
	1218.94	224.19	1068.98	994.75	8.20		19000.00	10730.00				MinPt-EOU
	1221.97	228.25	1069.30	993.72	8.07		19150.00	10730.00				MinPt-EOU
	1223.09	229.62	1069.51	993.47	8.03		19200.00	10730.00				MinPt-ADP
	1226.27	233.71	1069.96	992.56	7.91		19350.00	10730.00				MinPt-EOU
	1227.62	235.36	1070.21	992.26	7.86		19410.00	10730.00				MinPt-ADP
	1230.03	238.38	1070.61	991.66	7.78		19520.00	10730.00				MinPt-EOU
	1231.19	239.76	1070.85	991.43	7.74		19570.00	10730.00				MinPt-ADP
	1237.44	246.72	1072.46	990.72	7.56		19820.00	10730.00				MinPt-CtCt
	1242.29	258.01	1069.78	984.28	7.26		20220.00	10730.00				MinPt-EOU
	1249.63	272.90	1067.20	976.73	6.90		20740.00	10730.00				MinPt-EOU
	1249.86	273.17	1067.24	976.69	6.89		20750.00	10730.00				MinPt-ADP
	1253.69	274.74	1070.03	978.95	6.87		20820.00	10730.00				MinPt-SF
	1270.65	276.15	1086.05	994.50	6.93		20947.83	10730.00				TD
30-025-42082 - Triste Draw 25 Federal Com 10H - IFR1 to 14126ft (DefinitiveSurvey) - **Pass**												
	4628.36	32.81	4624.96	4595.55	3270.78		0.00	0.00				Surface
	4628.35	32.81	4624.95	4595.54	3265.16		26.50	26.50				WRP
	4617.86	32.81	4603.36	4585.06	368.55		1290.00	1290.00				MinPt-EOU
	4616.99	32.81	4600.36	4584.18	310.39		1550.00	1550.00				MinPts
	4617.16	32.81	4598.92	4584.35	280.09		1720.00	1720.00				MinPt-EOU
	5803.72	148.32	5704.30	5655.39	59.32		10200.00	10090.57				MinPt-SF
	1274.84	188.23	1148.85	1086.61	10.23		16548.30	10730.00				MinPt-CtCt
	1275.12	189.00	1148.62	1086.12	10.19		16580.00	10730.00				MinPt-EOU
	1275.52	189.48	1148.70	1086.04	10.17		16600.00	10730.00				MinPt-ADP
	1295.73	195.20	1165.10	1100.53	10.02		16860.00	10730.00				MinPt-SF
	1328.99	225.77	1177.98	1103.22	8.88		18270.00	10730.00				MinPt-CtCt
	1329.35	226.88	1177.60	1102.47	8.84		18320.00	10730.00				MinPt-EOU
	1329.91	227.54	1177.72	1102.37	8.82		18350.00	10730.00				MinPt-ADP
	1340.55	235.22	1183.24	1105.33	8.59		18680.00	10730.00				MinPt-ADP
	1325.02	282.11	1136.44	1042.90	7.07		20530.00	10730.00				MinPt-CtCt
	1327.69	287.82	1135.31	1039.87	6.95		20740.00	10730.00				MinPts
	1330.18	288.86	1137.10	1041.32	6.94		20800.00	10730.00				MinPt-SF
	1347.74	289.73	1154.08	1058.00	7.01		20947.83	10730.00				TD
30-025-43997 - Triste Draw 25 Federal 11H - IFR1 to 13774ft (DefinitiveSurvey) - **Pass**												
	4628.36	32.81	4624.97	4595.55	3270.78		0.00	0.00				MinPts
	4628.38	32.81	4624.98	4595.57	3268.19		26.50	26.50				WRP
	4630.04	32.81	4624.76	4597.23	1402.65		400.00	400.00				MinPt-EOU
	4630.93	32.81	4620.63	4598.13	555.76		910.00	910.00				MinPts
	4630.97	32.81	4619.38	4598.16	481.63		1040.00	1040.00				MinPts
	4631.51	32.81	4617.52	4598.70	385.52		1290.00	1290.00				MinPt-EOU
	4632.61	32.81	4616.77	4599.80	328.80		1510.00	1510.00				MinPt-EOU
	4634.00	32.81	4616.56	4601.19	295.56		1670.00	1670.00				MinPt-EOU
	5802.21	143.66	5705.90	5658.55	61.25		10120.00	10010.57				MinPt-SF
	1392.21	177.11	1273.64	1215.10	11.88		16711.30	10730.00				MinPt-CtCt
	1392.55	178.16	1273.28	1214.39	11.81		16750.00	10730.00				MinPt-EOU
	1392.99	178.69	1273.36	1214.30	11.78		16770.00	10730.00				MinPt-ADP
	1422.08	195.86	1291.01	1226.22	10.96		17520.00	10730.00				MinPt-CtCt
	1418.86	203.15	1282.92	1215.70	10.54		17850.00	10730.00				MinPt-CtCt
	1419.66	205.69	1282.03	1213.96	10.42		17960.00	10730.00				MinPt-EOU
	1420.81	207.08	1282.26	1213.73	10.36		18020.00	10730.00				MinPt-ADP
	1421.43	214.28	1278.08	1207.15	10.01		18320.00	10730.00				MinPt-CtCt
	1422.17	216.74	1277.18	1205.43	9.90		18420.00	10730.00				MinPt-EOU
	1422.98	217.72	1277.34	1205.26	9.86		18460.00	10730.00				MinPt-ADP
	1429.95	232.58	1274.40	1197.37	9.27		19060.00	10730.00				MinPt-CtCt
	1430.66	234.61	1273.76	1196.05	9.20		19140.00	10730.00				MinPt-EOU
	1431.61	240.32	1270.90	1191.29	8.98		19360.00	10730.00				MinPt-CtCt
	1432.70	243.43	1269.91	1189.27	8.87		19480.00	10730.00				MinPt-EOU
	1433.97	244.97	1270.16	1189.00	8.83		19540.00	10730.00				MinPt-ADP
	1440.39	250.53	1272.87	1189.86	8.67		19750.00	10730.00				MinPt-EOU
	1442.37	252.89	1273.28	1189.48	8.60		19840.00	10730.00				MinPt-ADP
	1444.68	256.71	1273.05	1187.98	8.48		19980.00	10730.00				MinPt-EOU
	1445.78	258.02	1273.27	1187.76	8.45		20030.00	10730.00				MinPt-ADP

Offset Trajectory	Separation			Allow	Sep.	Breaking	Reference Trajectory		Risk Level			Alert
	Ct-Ct (ft)	MAS (ft)	EOU (ft)	Dev. (ft)	Fact.	Rule	MD (ft)	TVD (ft)	Alert	Minor	Major	
	1451.37	265.46	1273.90	1185.91	8.24		20300.00	10730.00				MinPt-CtCt
	1453.50	271.65	1271.90	1181.85	8.06		20530.00	10730.00				MinPt-EOU
	1455.05	273.49	1272.23	1181.56	8.02		20600.00	10730.00				MinPt-ADP
	1465.04	279.25	1278.37	1185.79	7.90		20840.00	10730.00				MinPt-SF
	1478.12	280.38	1290.70	1197.74	7.94		20947.83	10730.00				TD
30-025-40184 - Triste Draw 36 State 1H - Gyro+MWD to 13942ft - A (DefinitiveSurvey) - **Pass**												
	4118.53	32.81	4115.14	4085.72	2910.29		0.00	0.00				Surface
	4118.52	32.81	4115.13	4085.71	2901.98		26.50	26.50				WRP
	4114.38	32.81	4101.37	4081.57	372.77		1190.00	1190.00				MinPts
	4114.54	32.81	4100.60	4081.73	343.62		1290.00	1290.00				MinPt-EOU
	4115.82	32.81	4098.51	4083.01	264.58		1650.00	1650.00				MinPts
	4116.02	32.81	4097.98	4083.21	252.67		1730.00	1730.00				MinPt-EOU
	1483.58	244.89	1319.78	1238.68	9.14		9652.21	9542.78				MinPt-CtCt
	1483.60	244.93	1319.78	1238.67	9.14		9660.00	9550.57				MinPts
	1483.84	244.99	1319.97	1238.85	9.14		9680.00	9570.57				MinPt-SF
	1878.83	193.74	1749.13	1685.09	14.66		11450.00	10730.00				MinPt-ADP
	1878.60	193.47	1749.08	1685.13	14.67		11470.00	10730.00				MinPt-EOU
	1878.43	192.87	1749.31	1685.56	14.72		11510.00	10730.00				MinPt-CtCt
	1878.73	189.91	1751.58	1688.82	14.95		11610.00	10730.00				MinPt-EOU
	1878.44	189.07	1751.85	1689.37	15.02		11670.00	10730.00				MinPt-CtCt
	1880.99	182.18	1759.00	1698.81	15.61		12000.00	10730.00				MinPt-EOU
	1880.98	182.13	1759.02	1698.85	15.62		12010.00	10730.00				MinPt-CtCt
	1901.13	167.33	1789.07	1733.80	17.18		12840.00	10730.00				MinPt-EOU
	1893.06	163.65	1783.46	1729.41	17.50		13060.00	10730.00				MinPt-ADP
	1886.67	162.66	1777.73	1724.01	17.55		13180.00	10730.00				MinPt-SF
	1881.86	162.47	1773.04	1719.38	17.52		13360.00	10730.00				MinPt-CtCt
	1881.86	162.49	1773.03	1719.36	17.52		13370.00	10730.00				MinPts
	1882.05	162.55	1773.19	1719.50	17.51		13400.00	10730.00				MinPt-SF
	1878.77	160.78	1771.08	1717.98	17.68		13620.00	10730.00				MinPts
	1878.82	160.81	1771.12	1718.01	17.68		13640.00	10730.00				MinPt-SF
	1880.78	160.80	1773.09	1719.99	17.70		13800.00	10730.00				MinPt-SF
	1890.69	160.86	1782.95	1729.83	17.78		14130.00	10730.00				MinPt-SF
	1894.65	161.18	1786.69	1733.46	17.78		14250.00	10730.00				MinPt-SF
	1894.93	160.64	1787.33	1734.29	17.85		14290.00	10730.00				MinPt-CtCt
	1894.98	160.77	1787.30	1734.21	17.83		14310.00	10730.00				MinPt-EOU
	1895.02	160.83	1787.31	1734.20	17.83		14320.00	10730.00				MinPt-ADP
	1895.89	161.24	1787.90	1734.65	17.79		14410.00	10730.00				MinPt-SF
	1885.80	164.83	1775.41	1720.96	17.30		14950.00	10730.00				MinPt-CtCt
	1886.15	166.00	1774.98	1720.15	17.19		15050.00	10730.00				MinPt-EOU
	1886.25	166.13	1775.00	1720.13	17.17		15060.00	10730.00				MinPt-ADP
	1915.41	171.92	1800.30	1743.50	16.85		15520.00	10730.00				MinPt-SF
	5953.67	176.97	5835.19	5776.70	50.88		20947.83	10730.00				TD

Coterra Triste Draw 36-25 Federal Com 212H Rev0 kFc 06Oct25 Proposal
Geodetic Report
Def Plan

Report Date:	October 07, 2025 - 08:31 PM (UTC 0)	**Survey / DLS Computation:**	Minimum Curvature / Lubinski
Client:	COTERRA	**Vertical Section Azimuth:**	359.590 °(GRID North)
Field:	NM Lea County (NAD 83)	**Vertical Section Origin:**	0.000 ft, 0.000 ft
Structure / Slot:	Coterra - Triste Draw 36-25 Federal Com Pad (west) / 212H	**TVD Reference Datum:**	RKB
Well:	Triste Draw 36-25 Federal Com 212H	**TVD Reference Elevation:**	3686.800 ft above MSL
Borehole:	Triste Draw 36-25 Federal Com 212H	**Seabed / Ground Elevation:**	3660.300 ft above MSL
UBHI / API#:	Unknown / Unknown	**Magnetic Declination:**	6.080°
Survey Name:	Coterra Triste Draw 36-25 Federal Com 212H Rev0 kFc 06Oct25	**Total Gravity Field Strength:**	998.437mgn (9.80665 Based)
Survey Date:	October 07, 2025	**Gravity Model:**	GARM
Tort / AHD / DDI / ERD Ratio:	134.001 ° / 11651.813 ft / 6.484 / 1.086	**Total Magnetic Field Strength:**	47198.429 nT
Coordinate Reference System:	NAD83 New Mexico State Plane, Eastern Zone, US Feet	**Magnetic Dip Angle:**	59.746°
Location Lat / Long:	32°15'27.07650"N , 103°37'46.12190"W	**Declination Date:**	October 06, 2025
Location Grid N/E Y/X:	N 458132.750 ftUS , E 758914.500 ftUS	**Magnetic Declination Model:**	HDGM 2025
CRS Grid Convergence Angle:	0.376°	**North Reference:**	Grid North
Grid Scale Factor:	0.99996331(Applied)	**Grid Convergence Used:**	0.376°
Version / Patch:	2025.1.0.1	**Total Corr Mag North->Grid North:**	5.704°
		Local Coord Referenced To:	Well Head

Comments	MD (ft)	Incl (°)	Azim (°)	TVD (ft)	TVDSS (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (°)	Longitude (°)
SHL [1302'FSL, 2285'FWL]	0.00	0.00	0.00	0.00	-3,686.80	0.00	0.00	0.00		458,132.75	758,914.50	32.25752125	-103.62947831
	100.00	0.00	199.45	100.00	-3,586.80	0.00	0.00	0.00	0.00	458,132.75	758,914.50	32.25752125	-103.62947831
	200.00	0.00	199.45	200.00	-3,486.80	0.00	0.00	0.00	0.00	458,132.75	758,914.50	32.25752125	-103.62947831
	300.00	0.00	199.45	300.00	-3,386.80	0.00	0.00	0.00	0.00	458,132.75	758,914.50	32.25752125	-103.62947831
	400.00	0.00	199.45	400.00	-3,286.80	0.00	0.00	0.00	0.00	458,132.75	758,914.50	32.25752125	-103.62947831
	500.00	0.00	199.45	500.00	-3,186.80	0.00	0.00	0.00	0.00	458,132.75	758,914.50	32.25752125	-103.62947831
	600.00	0.00	199.45	600.00	-3,086.80	0.00	0.00	0.00	0.00	458,132.75	758,914.50	32.25752125	-103.62947831
	700.00	0.00	199.45	700.00	-2,986.80	0.00	0.00	0.00	0.00	458,132.75	758,914.50	32.25752125	-103.62947831
	800.00	0.00	199.45	800.00	-2,886.80	0.00	0.00	0.00	0.00	458,132.75	758,914.50	32.25752125	-103.62947831
	900.00	0.00	199.45	900.00	-2,786.80	0.00	0.00	0.00	0.00	458,132.75	758,914.50	32.25752125	-103.62947831
	1,000.00	0.00	199.45	1,000.00	-2,686.80	0.00	0.00	0.00	0.00	458,132.75	758,914.50	32.25752125	-103.62947831
	1,100.00	0.00	199.45	1,100.00	-2,586.80	0.00	0.00	0.00	0.00	458,132.75	758,914.50	32.25752125	-103.62947831
	1,200.00	0.00	199.45	1,200.00	-2,486.80	0.00	0.00	0.00	0.00	458,132.75	758,914.50	32.25752125	-103.62947831
Rustler□	1,238.00	0.00	199.45	1,238.00	-2,448.80	0.00	0.00	0.00	0.00	458,132.75	758,914.50	32.25752125	-103.62947831
	1,300.00	0.00	199.45	1,300.00	-2,386.80	0.00	0.00	0.00	0.00	458,132.75	758,914.50	32.25752125	-103.62947831
A3 Top□	1,312.00	0.00	199.45	1,312.00	-2,374.80	0.00	0.00	0.00	0.00	458,132.75	758,914.50	32.25752125	-103.62947831
	1,400.00	0.00	199.45	1,400.00	-2,286.80	0.00	0.00	0.00	0.00	458,132.75	758,914.50	32.25752125	-103.62947831
A3 Base□	1,439.00	0.00	199.45	1,439.00	-2,247.80	0.00	0.00	0.00	0.00	458,132.75	758,914.50	32.25752125	-103.62947831
	1,500.00	0.00	199.45	1,500.00	-2,186.80	0.00	0.00	0.00	0.00	458,132.75	758,914.50	32.25752125	-103.62947831
	1,600.00	0.00	199.45	1,600.00	-2,086.80	0.00	0.00	0.00	0.00	458,132.75	758,914.50	32.25752125	-103.62947831
Build 2°/100ft	1,700.00	0.00	199.45	1,700.00	-1,986.80	0.00	0.00	0.00	0.00	458,132.75	758,914.50	32.25752125	-103.62947831
Salado□	1,731.00	0.62	199.45	1,731.00	-1,955.80	-0.16	-0.16	-0.06	2.00	458,132.59	758,914.44	32.25752082	-103.62947849
	1,800.00	2.00	199.45	1,799.98	-1,886.82	-1.64	-1.65	-0.58	2.00	458,131.10	758,913.92	32.25751674	-103.62948022
	1,900.00	4.00	199.45	1,899.84	-1,786.96	-6.56	-6.58	-2.32	2.00	458,126.17	758,912.18	32.25750321	-103.62948596
	2,000.00	6.00	199.45	1,999.45	-1,687.35	-14.76	-14.80	-5.23	2.00	458,117.95	758,909.27	32.25748067	-103.62949552
	2,100.00	8.00	199.45	2,098.70	-1,588.10	-26.22	-26.29	-9.28	2.00	458,106.46	758,905.22	32.25744916	-103.62950889
	2,200.00	10.00	199.45	2,197.47	-1,489.33	-40.93	-41.04	-14.49	2.00	458,091.71	758,900.01	32.25740871	-103.62952605
Hold	2,200.09	10.00	199.45	2,197.55	-1,489.25	-40.95	-41.05	-14.50	2.00	458,091.70	758,900.00	32.25740867	-103.62952607
	2,300.00	10.00	199.45	2,295.95	-1,390.85	-57.27	-57.42	-20.27	0.00	458,075.34	758,894.23	32.25736380	-103.62954510
	2,400.00	10.00	199.45	2,394.43	-1,292.37	-73.60	-73.79	-26.06	0.00	458,058.96	758,888.44	32.25731889	-103.62956416
	2,500.00	10.00	199.45	2,492.91	-1,193.89	-89.94	-90.17	-31.84	0.00	458,042.58	758,882.66	32.25727399	-103.62958321
	2,600.00	10.00	199.45	2,591.39	-1,095.41	-106.27	-106.55	-37.62	0.00	458,026.21	758,876.88	32.25722908	-103.62960226
	2,700.00	10.00	199.45	2,689.87	-996.93	-122.61	-122.92	-43.41	0.00	458,009.83	758,871.10	32.25718417	-103.62962132
	2,800.00	10.00	199.45	2,788.35	-898.45	-138.94	-139.30	-49.19	0.00	457,993.46	758,865.31	32.25713926	-103.62964037
	2,900.00	10.00	199.45	2,886.83	-799.97	-155.28	-155.68	-54.97	0.00	457,977.08	758,859.53	32.25709435	-103.62965942
	3,000.00	10.00	199.45	2,985.31	-701.49	-171.61	-172.05	-60.76	0.00	457,960.70	758,853.75	32.25704944	-103.62967847
	3,100.00	10.00	199.45	3,083.79	-603.01	-187.95	-188.43	-66.54	0.00	457,944.33	758,847.96	32.25700453	-103.62969753
	3,200.00	10.00	199.45	3,182.27	-504.53	-204.28	-204.81	-72.32	0.00	457,927.95	758,842.18	32.25695962	-103.62971658
	3,300.00	10.00	199.45	3,280.75	-406.05	-220.62	-221.18	-78.10	0.00	457,911.57	758,836.40	32.25691472	-103.62973563
	3,400.00	10.00	199.45	3,379.23	-307.57	-236.95	-237.56	-83.89	0.00	457,895.20	758,830.62	32.25686981	-103.62975469
	3,500.00	10.00	199.45	3,477.71	-209.09	-253.29	-253.94	-89.67	0.00	457,878.82	758,824.83	32.25682490	-103.62977374
	3,600.00	10.00	199.45	3,576.19	-110.61	-269.62	-270.31	-95.45	0.00	457,862.45	758,819.05	32.25677999	-103.62979279
	3,700.00	10.00	199.45	3,674.67	-12.13	-285.96	-286.69	-101.24	0.00	457,846.07	758,813.27	32.25673508	-103.62981184
	3,800.00	10.00	199.45	3,773.15	86.35	-302.29	-303.07	-107.02	0.00	457,829.69	758,807.49	32.25669017	-103.62983090
	3,900.00	10.00	199.45	3,871.63	184.83	-318.63	-319.45	-112.80	0.00	457,813.32	758,801.70	32.25664526	-103.62984995
	4,000.00	10.00	199.45	3,970.11	283.31	-334.96	-335.82	-118.58	0.00	457,796.94	758,795.92	32.25660035	-103.62986900
	4,100.00	10.00	199.45	4,068.59	381.79	-351.30	-352.20	-124.37	0.00	457,780.56	758,790.14	32.25655545	-103.62988806
	4,200.00	10.00	199.45	4,167.07	480.27	-367.63	-368.58	-130.15	0.00	457,764.19	758,784.35	32.25651054	-103.62990711
	4,300.00	10.00	199.45	4,265.55	578.75	-383.97	-384.95	-135.93	0.00	457,747.81	758,778.57	32.25646563	-103.62992616
	4,400.00	10.00	199.45	4,364.03	677.23	-400.30	-401.33	-141.72	0.00	457,731.44	758,772.79	32.25642072	-103.62994521
	4,500.00	10.00	199.45	4,462.51	775.71	-416.64	-417.71	-147.50	0.00	457,715.06	758,767.01	32.25637581	-103.62996427
	4,600.00	10.00	199.45	4,560.99	874.19	-432.97	-434.08	-153.28	0.00	457,698.68	758,761.22	32.25633090	-103.62998332
	4,700.00	10.00	199.45	4,659.47	972.67	-449.31	-450.46	-159.07	0.00	457,682.31	758,755.44	32.25628599	-103.63000237
	4,800.00	10.00	199.45	4,757.95	1,071.15	-465.64	-466.84	-164.85	0.00	457,665.93	758,749.66	32.25624108	-103.63002142
	4,900.00	10.00	199.45	4,856.43	1,169.63	-481.98	-483.21	-170.63	0.00	457,649.56	758,743.87	32.25619617	-103.63004048
	5,000.00	10.00	199.45	4,954.91	1,268.11	-498.32	-499.59	-176.41	0.00	457,633.18	758,738.09	32.25615127	-103.63005953
Lamar□	5,050.86	10.00	199.45	5,005.00	1,318.20	-506.62	-507.92	-179.36	0.00	457,624.85	758,735.15	32.25612842	-103.63006922
	5,100.00	10.00	199.45	5,053.39	1,366.59	-514.65	-515.97	-182.20	0.00	457,616.80	758,732.31	32.25610636	-103.63007858
Bell Canyon□	5,106.71	10.00	199.45	5,060.00	1,373.20	-515.75	-517.07	-182.59	0.00	457,615.70	758,731.92	32.25610334	-103.63007986
	5,200.00	10.00	199.45	5,151.87	1,465.07	-530.99	-532.34	-187.98	0.00	457,600.43	758,726.53	32.25606145	-103.63009763
	5,300.00	10.00	199.45	5,250.35	1,563.55	-547.32	-548.72	-193.76	0.00	457,584.05	758,720.74	32.25601654	-103.63011669
	5,400.00	10.00	199.45	5,348.83	1,662.03	-563.66	-565.10	-199.55	0.00	457,567.67	758,714.96	32.25597163	-103.63013574
	5,500.00	10.00	199.45	5,447.31	1,760.51	-579.99	-581.47	-205.33	0.00	457,551.30	758,709.18	32.25592672	-103.63015479
	5,600.00	10.00	199.45	5,545.79	1,858.99	-596.33	-597.85	-211.11	0.00	457,534.92	758,703.40	32.25588181	-103.63017384
	5,700.00	10.00	199.45	5,644.27	1,957.47	-612.66	-614.23	-216.90	0.00	457,518.55	758,697.61	32.25583690	-103.63019290
	5,800.00	10.00	199.45	5,742.75	2,055.95	-629.00	-630.60	-222.68	0.00	457,502.17	758,691.83	32.25579199	-103.63021195
	5,900.00	10.00	199.45	5,841.23	2,154.43	-645.33	-646.98	-228.46	0.00	457,485.79	758,686.05	32.25574709	-103.63023100
	6,000.00	10.00	199.45	5,939.71	2,252.91	-661.67	-663.36	-234.24	0.00	457,469.42	758,680.26	32.25570218	-103.63025005
Cherry Canyon□	6,000.29	10.00	199.45	5,940.00	2,253.20	-661.71	-663.41	-234.26	0.00	457,469.37	758,680.25	32.25570205	-103.63025011
	6,100.00	10.00	199.45	6,038.19	2,351.39	-678.00	-679.74	-240.03	0.00	457,453.04	758,674.48	32.25565727	-103.63026911
	6,200.00	10.00	199.45	6,136.67	2,449.87	-694.34	-696.11	-245.81	0.00	457,436.66	758,668.70	32.25561236	-103.63028816
	6,300.00	10.00	199.45	6,235.16	2,548.36	-710.67	-712.49	-251.59	0.00	457,420.29	758,662.92	32.25556745	-103.63030721
	6,400.00	10.00	199.45	6,333.64	2,646.84	-727.01	-728.87	-257.38	0.00	457,403.91	758,657.13	32.25552254	-103.63032626
	6,500.00	10.00	199.45	6,432.12	2,745.32	-743.34	-745.24	-263.16	0.00	457,387.54	758,651.35	32.25547763	-103.63034532
	6,600.00	10.00	199.45	6,530.60	2,843.80	-759.68	-761.62	-268.94	0.00	457,371.16	758,645.57	32.25543272	-103.63036437
	6,700.00	10.00	199.45	6,629.08	2,942.28	-776.01	-778.00	-274.72	0.00	457,354.78	758,639.79	32.25538781	-103.63038342
	6,800.00	10.00	199.45	6,727.56	3,040.76	-792.35	-794.37	-280.51	0.00	457,338.41	758,634.00	32.25534291	-103.63040247
	6,900.00	10.00	199.45	6,826.04	3,139.24	-808.68	-810.75	-286.29	0.00	457,322.03	758,628.22	32.25529800	-103.63042152
	7,000.00	10.00	199.45	6,924.52	3,237.72	-825.02	-827.13	-292.07	0.00	457,305.66	758,622.44	32.25525309	-103.63044058
	7,100.00	10.00	199.45	7,023.00	3,336.20	-841.35	-843.50	-297.86	0.00	457,289.28	758,616.65	32.25520818	-103.63045963
	7,200.00	10.00	199.45	7,121.48	3,434.68	-857.69	-859.88	-303.64	0.00	457,272.90	758,610.87	32.25516327	-103.63047868
	7,300.00	10.00	199.45	7,219.96	3,533.16	-874.02	-876.26	-309.42	0.00	457,256.53	758,605.09	32.25511836	-103.63049773
Brushy Canyon□	7,399.56	10.00	199.45	7,318.00	3,631.20	-890.28	-892.56	-315.18	0.00	457,240.22	758,599.33	32.25507365	-103.63051670
	7,400.00	10.00	199.45	7,318.44	3,631.64	-890.36	-892.63	-315.21	0.00	457,240.15	758,599.31	32.25507345	-103.63051678
	7,500.00	10.00	199.45	7,416.92	3,730.12	-906.69	-909.01	-320.99	0.00	457,223.77	758,593.52	32.25502854	-103.63053584
	7,600.00	10.00	199.45	7,515.40	3,828.60	-923.03	-925.39	-326.77	0.00	457,207.40	758,587.74	32.25498363	-103.63055489
	7,700.00	10.00	199.45	7,613.88	3,927.08	-939.36	-941.76	-332.55	0.00	457,191.02	758,581.96	32.25493873	-103.63057394
	7,800.00	10.00	199.45	7,712.36	4,025.56	-955.70	-958.14	-338.34	0.00	457,174.65	758,576.18	32.25489382	-103.63059299
	7,900.00	10.00	199.45	7,810.84	4,124.04	-972.03	-974.52	-344.12	0.00	457,158.27	758,570.39	32.25484891	-103.63061204
	8,000.00	10.00	199.45	7,909.32	4,222.52	-988.37	-990.89	-349.90	0.00	457,141.89	758,564.61	32.25480400	-103.63063110
	8,100.00	10.00	199.45	8,007.80	4,321.00	-1,004.70	-1,007.27	-355.69	0.00	457,125.52	758,558.83	32.25475909	-103.63065015
	8,200.00	10.00	199.45	8,106.28	4,419.48	-1,021.04	-1,023.65	-361.47	0.00	457,109.14	758,553.04	32.25471418	-103.63066920
	8,300.00	10.00	199.45	8,204.76	4,517.96	-1,037.37	-1,040.03	-367.25	0.00	457,092.76	758,547.26	32.25466927	-103.63068825
	8,400.00	10.00	199.45	8,303.24	4,616.44	-1,053.71	-1,056.40	-373.04	0.00	457,076.39	758,541.48	32.25462436	-103.63070730
	8,500.00	10.00	199.45	8,401.72	4,714.92	-1,070.04	-1,072.78	-378.82	0.00	457,060.01	758,535.70	32.25457945	-103.63072636
	8,600.00	10.00	199.45	8,500.20	4,813.40	-1,086.38	-1,089.16	-384.60	0.00	457,043.64	758,529.91	32.25453454	-103.63074541
	8,700.00	10.00	199.45	8,598.68	4,911.88	-1,102.71	-1,105.53	-390.38	0.00	457,027.26	758,524.13	32.25448964	-103.63076446
Basal Brushy Canyon□	8,734.85	10.00	199.45	8,633.00	4,946.20	-1,108.40	-1,111.24	-392.40	0.00	457,021.55	758,522.12	32.25447398	-103.63077110
	8,800.00	10.00	199.45	8,697.16	5,010.36	-1,119.05	-1,121.91	-396.17	0.00	457,010.88	758,518.35	32.25444473	-103.63078351
	8,900.00	10.00	199.45	8,795.64	5,108.84	-1,135.38	-1,138.29	-401.95	0.00	456,994.51	758,512.57	32.25439982	-103.63080256
Bone Spring Lime□	8,955.20	10.00	199.45	8,850.00	5,163.20	-1,144.40	-1,147.33	-405.14	0.00	456,985.47	758,509.37	32.25437503	-103.63081308
	9,000.00	10.00	199.45	8,894.12	5,207.32	-1,151.72	-1,154.66	-407.73	0.00	456,978.13	758,506.78	32.25435491	-103.63082162

Comments	MD (ft)	Incl (°)	Azim (°)	TVD (ft)	TVDSS (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (°)	Longitude (°)
Drop 2°/100ft	9,066.86	10.00	199.45	8,959.97	5,273.17	-1,162.64	-1,165.61	-411.60	0.00	456,967.18	758,502.92	32.25432488	-103.63083435
	9,100.00	9.34	199.45	8,992.63	5,305.83	-1,167.87	-1,170.86	-413.45	2.00	456,961.93	758,501.06	32.25431049	-103.63084046
Leonard□	9,140.86	8.52	199.45	9,033.00	5,346.20	-1,173.84	-1,176.84	-415.57	2.00	456,955.95	758,498.95	32.25429409	-103.63084742
	9,200.00	7.34	199.45	9,091.57	5,404.77	-1,181.51	-1,184.54	-418.28	2.00	456,948.26	758,496.23	32.25427299	-103.63085637
	9,300.00	5.34	199.45	9,190.96	5,504.16	-1,191.90	-1,194.95	-421.96	2.00	456,937.85	758,492.56	32.25424444	-103.63086848
	9,400.00	3.34	199.45	9,290.66	5,603.86	-1,199.01	-1,202.08	-424.48	2.00	456,930.72	758,490.04	32.25422488	-103.63087678
	9,500.00	1.34	199.45	9,390.58	5,703.78	-1,202.85	-1,205.93	-425.84	2.00	456,926.87	758,488.68	32.25421433	-103.63088125
Hold	9,566.95	0.00	199.45	9,457.52	5,770.72	-1,203.59	-1,206.67	-426.10	2.00	456,926.13	758,488.42	32.25421230	-103.63088211
Avalon□	9,574.43	0.00	199.45	9,465.00	5,778.20	-1,203.59	-1,206.67	-426.10	0.00	456,926.13	758,488.42	32.25421230	-103.63088211
	9,600.00	0.00	199.45	9,490.57	5,803.77	-1,203.59	-1,206.67	-426.10	0.00	456,926.13	758,488.42	32.25421230	-103.63088211
	9,700.00	0.00	199.45	9,590.57	5,903.77	-1,203.59	-1,206.67	-426.10	0.00	456,926.13	758,488.42	32.25421230	-103.63088211
	9,800.00	0.00	199.45	9,690.57	6,003.77	-1,203.59	-1,206.67	-426.10	0.00	456,926.13	758,488.42	32.25421230	-103.63088211
	9,900.00	0.00	199.45	9,790.57	6,103.77	-1,203.59	-1,206.67	-426.10	0.00	456,926.13	758,488.42	32.25421230	-103.63088211
	10,000.00	0.00	199.45	9,890.57	6,203.77	-1,203.59	-1,206.67	-426.10	0.00	456,926.13	758,488.42	32.25421230	-103.63088211
	10,100.00	0.00	199.45	9,990.57	6,303.77	-1,203.59	-1,206.67	-426.10	0.00	456,926.13	758,488.42	32.25421230	-103.63088211
1st BS SS □	10,159.43	0.00	199.45	10,050.00	6,363.20	-1,203.59	-1,206.67	-426.10	0.00	456,926.13	758,488.42	32.25421230	-103.63088211
	10,200.00	0.00	199.45	10,090.57	6,403.77	-1,203.59	-1,206.67	-426.10	0.00	456,926.13	758,488.42	32.25421230	-103.63088211
KOP, Build 10°/100ft	10,246.95	0.00	199.45	10,137.52	6,450.72	-1,203.59	-1,206.67	-426.10	0.00	456,926.13	758,488.42	32.25421230	-103.63088211
	10,300.00	5.30	359.59	10,190.49	6,503.69	-1,201.13	-1,204.21	-426.11	10.00	456,928.58	758,488.40	32.25421905	-103.63088212
	10,400.00	15.30	359.59	10,288.76	6,601.96	-1,183.27	-1,186.35	-426.24	10.00	456,946.45	758,488.27	32.25426816	-103.63088215
	10,500.00	25.30	359.59	10,382.42	6,695.62	-1,148.61	-1,151.69	-426.49	10.00	456,981.10	758,488.03	32.25436342	-103.63088222
	10,600.00	35.30	359.59	10,468.65	6,781.85	-1,098.21	-1,101.30	-426.85	10.00	457,031.50	758,487.67	32.25450194	-103.63088232
	10,700.00	45.30	359.59	10,544.81	6,858.01	-1,033.61	-1,036.69	-427.31	10.00	457,096.10	758,487.20	32.25467951	-103.63088245
	10,800.00	55.30	359.59	10,608.60	6,921.80	-956.76	-959.85	-427.86	10.00	457,172.94	758,486.65	32.25489074	-103.63088260
2nd BS SS□	10,849.53	60.26	359.59	10,635.00	6,948.20	-914.87	-917.96	-428.16	10.00	457,214.83	758,486.35	32.25500587	-103.63088268
	10,900.00	65.30	359.59	10,658.08	6,971.28	-870.00	-873.09	-428.48	10.00	457,259.69	758,486.03	32.25512920	-103.63088277
Build 5°/100ft	10,996.95	75.00	359.59	10,690.95	7,004.15	-778.92	-782.01	-429.14	10.00	457,350.77	758,485.38	32.25537955	-103.63088295
	11,000.00	75.15	359.59	10,691.74	7,004.94	-775.97	-779.07	-429.16	5.00	457,353.71	758,485.36	32.25538765	-103.63088296
	11,100.00	80.15	359.59	10,713.12	7,026.32	-678.32	-681.41	-429.86	5.00	457,451.36	758,484.66	32.25565607	-103.63088315
	11,200.00	85.15	359.59	10,725.90	7,039.10	-579.17	-582.27	-430.56	5.00	457,550.51	758,483.95	32.25592859	-103.63088335
Landing Point	11,296.95	90.00	359.59	10,730.00	7,043.20	-482.34	-485.43	-431.26	5.00	457,647.33	758,483.26	32.25619476	-103.63088354
	11,300.00	90.00	359.59	10,730.00	7,043.20	-479.29	-482.39	-431.28	0.00	457,650.38	758,483.24	32.25620314	-103.63088355
Hold	11,396.95	90.00	359.59	10,730.00	7,043.20	-382.34	-385.44	-431.97	0.00	457,747.33	758,482.54	32.25646962	-103.63088374
	11,400.00	90.00	359.59	10,730.00	7,043.20	-379.29	-382.39	-432.00	0.00	457,750.38	758,482.52	32.25647800	-103.63088375
	11,500.00	90.00	359.59	10,730.00	7,043.20	-279.29	-282.39	-432.71	0.00	457,850.37	758,481.81	32.25675287	-103.63088394
	11,600.00	90.00	359.59	10,730.00	7,043.20	-179.29	-182.39	-433.43	0.00	457,950.36	758,481.09	32.25702773	-103.63088414
	11,700.00	90.00	359.59	10,730.00	7,043.20	-79.29	-82.40	-434.14	0.00	458,050.36	758,480.38	32.25730260	-103.63088434
	11,800.00	90.00	359.59	10,730.00	7,043.20	20.71	17.60	-434.86	0.00	458,150.35	758,479.66	32.25757746	-103.63088454
	11,900.00	90.00	359.59	10,730.00	7,043.20	120.71	117.60	-435.57	0.00	458,250.34	758,478.94	32.25785232	-103.63088474
	12,000.00	90.00	359.59	10,730.00	7,043.20	220.71	217.60	-436.29	0.00	458,350.34	758,478.23	32.25812719	-103.63088493
	12,100.00	90.00	359.59	10,730.00	7,043.20	320.71	317.59	-437.00	0.00	458,450.33	758,477.51	32.25840205	-103.63088513
	12,200.00	90.00	359.59	10,730.00	7,043.20	420.71	417.59	-437.72	0.00	458,550.33	758,476.80	32.25867691	-103.63088533
	12,300.00	90.00	359.59	10,730.00	7,043.20	520.71	517.59	-438.44	0.00	458,650.32	758,476.08	32.25895178	-103.63088553
	12,400.00	90.00	359.59	10,730.00	7,043.20	620.71	617.59	-439.15	0.00	458,750.31	758,475.37	32.25922664	-103.63088573
	12,500.00	90.00	359.59	10,730.00	7,043.20	720.71	717.58	-439.87	0.00	458,850.31	758,474.65	32.25950150	-103.63088592
	12,600.00	90.00	359.59	10,730.00	7,043.20	820.71	817.58	-440.58	0.00	458,950.30	758,473.94	32.25977637	-103.63088612
	12,700.00	90.00	359.59	10,730.00	7,043.20	920.71	917.58	-441.30	0.00	459,050.29	758,473.22	32.26005123	-103.63088632
	12,800.00	90.00	359.59	10,730.00	7,043.20	1,020.71	1,017.58	-442.01	0.00	459,150.29	758,472.50	32.26032610	-103.63088652
	12,900.00	90.00	359.59	10,730.00	7,043.20	1,120.71	1,117.57	-442.73	0.00	459,250.28	758,471.79	32.26060096	-103.63088671
	13,000.00	90.00	359.59	10,730.00	7,043.20	1,220.71	1,217.57	-443.44	0.00	459,350.27	758,471.07	32.26087582	-103.63088691
	13,100.00	90.00	359.59	10,730.00	7,043.20	1,320.71	1,317.57	-444.16	0.00	459,450.27	758,470.36	32.26115069	-103.63088711
	13,200.00	90.00	359.59	10,730.00	7,043.20	1,420.71	1,417.57	-444.88	0.00	459,550.26	758,469.64	32.26142555	-103.63088731
	13,300.00	90.00	359.59	10,730.00	7,043.20	1,520.71	1,517.56	-445.59	0.00	459,650.25	758,468.93	32.26170041	-103.63088751
	13,400.00	90.00	359.59	10,730.00	7,043.20	1,620.71	1,617.56	-446.31	0.00	459,750.25	758,468.21	32.26197528	-103.63088770
	13,500.00	90.00	359.59	10,730.00	7,043.20	1,720.71	1,717.56	-447.02	0.00	459,850.24	758,467.50	32.26225014	-103.63088790
	13,600.00	90.00	359.59	10,730.00	7,043.20	1,820.71	1,817.56	-447.74	0.00	459,950.24	758,466.78	32.26252500	-103.63088810
	13,700.00	90.00	359.59	10,730.00	7,043.20	1,920.71	1,917.55	-448.45	0.00	460,050.23	758,466.06	32.26279987	-103.63088830
	13,800.00	90.00	359.59	10,730.00	7,043.20	2,020.71	2,017.55	-449.17	0.00	460,150.22	758,465.35	32.26307473	-103.63088849
	13,900.00	90.00	359.59	10,730.00	7,043.20	2,120.71	2,117.55	-449.88	0.00	460,250.22	758,464.63	32.26334959	-103.63088869
	14,000.00	90.00	359.59	10,730.00	7,043.20	2,220.71	2,217.55	-450.60	0.00	460,350.21	758,463.92	32.26362446	-103.63088889
	14,100.00	90.00	359.59	10,730.00	7,043.20	2,320.71	2,317.54	-451.32	0.00	460,450.20	758,463.20	32.26389932	-103.63088909
	14,200.00	90.00	359.59	10,730.00	7,043.20	2,420.71	2,417.54	-452.03	0.00	460,550.20	758,462.49	32.26417418	-103.63088929
	14,300.00	90.00	359.59	10,730.00	7,043.20	2,520.71	2,517.54	-452.75	0.00	460,650.19	758,461.77	32.26444905	-103.63088948
	14,400.00	90.00	359.59	10,730.00	7,043.20	2,620.71	2,617.53	-453.46	0.00	460,750.18	758,461.06	32.26472391	-103.63088968
	14,500.00	90.00	359.59	10,730.00	7,043.20	2,720.71	2,717.53	-454.18	0.00	460,850.18	758,460.34	32.26499877	-103.63088988
	14,600.00	90.00	359.59	10,730.00	7,043.20	2,820.71	2,817.53	-454.89	0.00	460,950.17	758,459.62	32.26527364	-103.63089008
	14,700.00	90.00	359.59	10,730.00	7,043.20	2,920.71	2,917.53	-455.61	0.00	461,050.16	758,458.91	32.26554850	-103.63089027
	14,800.00	90.00	359.59	10,730.00	7,043.20	3,020.71	3,017.52	-456.32	0.00	461,150.16	758,458.19	32.26582336	-103.63089047
	14,900.00	90.00	359.59	10,730.00	7,043.20	3,120.71	3,117.52	-457.04	0.00	461,250.15	758,457.48	32.26609823	-103.63089067
	15,000.00	90.00	359.59	10,730.00	7,043.20	3,220.71	3,217.52	-457.76	0.00	461,350.15	758,456.76	32.26637309	-103.63089087
	15,100.00	90.00	359.59	10,730.00	7,043.20	3,320.71	3,317.52	-458.47	0.00	461,450.14	758,456.05	32.26664795	-103.63089106
Turn 2°/100ft	15,186.95	90.00	359.59	10,730.00	7,043.20	3,407.66	3,404.47	-459.09	0.00	461,537.08	758,455.42	32.26688695	-103.63089124
	15,200.00	90.00	359.33	10,730.00	7,043.20	3,420.71	3,417.51	-459.22	2.00	461,550.13	758,455.30	32.26692282	-103.63089136
	15,300.00	90.00	357.33	10,730.00	7,043.20	3,520.68	3,517.47	-462.13	2.00	461,650.08	758,452.39	32.26719760	-103.63089867
	15,400.00	90.00	355.33	10,730.00	7,043.20	3,620.52	3,617.26	-468.53	2.00	461,749.87	758,445.98	32.26747199	-103.63091727
Hold	15,486.95	90.00	353.59	10,730.00	7,043.20	3,707.12	3,703.80	-476.93	2.00	461,836.40	758,437.59	32.26771001	-103.63094260
	15,500.00	90.00	353.59	10,730.00	7,043.20	3,720.09	3,716.77	-478.39	0.00	461,849.37	758,436.13	32.26774568	-103.63094703
	15,600.00	90.00	353.59	10,730.00	7,043.20	3,819.55	3,816.14	-489.55	0.00	461,948.74	758,424.97	32.26801902	-103.63098105
	15,700.00	90.00	353.59	10,730.00	7,043.20	3,919.00	3,915.51	-500.71	0.00	462,048.11	758,413.80	32.26829236	-103.63101506
Section 36-25 Line Cross	15,758.00	90.00	353.59	10,730.00	7,043.20	3,976.68	3,973.15	-507.19	0.00	462,105.75	758,407.33	32.26845089	-103.63103479
	15,800.00	90.00	353.59	10,730.00	7,043.20	4,018.45	4,014.89	-511.88	0.00	462,147.48	758,402.64	32.26856570	-103.63104907
Turn 2°/100ft	15,856.95	90.00	353.59	10,730.00	7,043.20	4,075.09	4,071.48	-518.24	0.00	462,204.08	758,396.28	32.26872137	-103.63106844
	15,900.00	90.00	354.45	10,730.00	7,043.20	4,117.93	4,114.30	-522.72	2.00	462,246.89	758,391.80	32.26883913	-103.63108204
	16,000.00	90.00	356.45	10,730.00	7,043.20	4,217.67	4,213.98	-530.65	2.00	462,346.57	758,383.87	32.26911325	-103.63110559
	16,100.00	90.00	358.45	10,730.00	7,043.20	4,317.59	4,313.88	-535.10	2.00	462,446.46	758,379.42	32.26938790	-103.63111786
Hold	16,156.95	90.00	359.59	10,730.00	7,043.20	4,374.54	4,370.82	-536.07	2.00	462,503.40	758,378.45	32.26954442	-103.63111981
	16,200.00	90.00	359.59	10,730.00	7,043.20	4,417.59	4,413.86	-536.38	0.00	462,546.44	758,378.14	32.26966275	-103.63111989
Turn 2°/100ft	16,256.95	90.00	359.59	10,730.00	7,043.20	4,474.54	4,470.81	-536.79	0.00	462,603.39	758,377.73	32.26981929	-103.63112000
	16,300.00	90.00	0.45	10,730.00	7,043.20	4,517.59	4,513.86	-536.77	2.00	462,646.44	758,377.75	32.26993761	-103.63111904
	16,400.00	90.00	2.45	10,730.00	7,043.20	4,617.53	4,613.83	-534.24	2.00	462,746.40	758,380.28	32.27021232	-103.63110874
	16,500.00	90.00	4.45	10,730.00	7,043.20	4,717.30	4,713.64	-528.22	2.00	462,846.21	758,386.30	32.27048655	-103.63108715
Hold	16,556.95	90.00	5.59	10,730.00	7,043.20	4,773.99	4,770.37	-523.24	2.00	462,902.94	758,391.28	32.27064239	-103.63106983
	16,600.00	90.00	5.59	10,730.00	7,043.20	4,816.81	4,813.22	-519.05	0.00	462,945.78	758,395.47	32.27076008	-103.63105535
	16,700.00	90.00	5.59	10,730.00	7,043.20	4,916.26	4,912.74	-509.30	0.00	463,045.30	758,405.22	32.27103346	-103.63102173
	16,800.00	90.00	5.59	10,730.00	7,043.20	5,015.71	5,012.26	-499.56	0.00	463,144.82	758,414.96	32.27130683	-103.63098811
	16,900.00	90.00	5.59	10,730.00	7,043.20	5,115.16	5,111.79	-489.82	0.00	463,244.34	758,424.70	32.27158021	-103.63095449
Turn 2°/100ft	16,931.95	90.00	5.59	10,730.00	7,043.20	5,146.94	5,143.59	-486.71	0.00	463,276.14	758,427.81	32.27166755	-103.63094375
	17,000.00	90.00	4.23	10,730.00	7,043.20	5,214.69	5,211.39	-480.89	2.00	463,343.93	758,433.63	32.27185379	-103.63092347
	17,100.00	90.00	2.23	10,730.00	7,043.20	5,314.49	5,311.22	-475.25	2.00	463,443.77	758,439.26	32.27212810	-103.63090314
	17,200.00	90.00	0.23	10,730.00	7,043.20	5,414.44	5,411.19	-473.11	2.00	463,543.73	758,441.41	32.27240284	-103.63089408
Hold	17,231.83	90.00	359.59	10,730.00	7,043.20	5,446.27	5,443.02	-473.16	2.00	463,575.56	758,441.36	32.27249032	-103.63089357
	17,300.00	90.00	359.59	10,730.00	7,043.20	5,514.44	5,511.19	-473.64	0.00	463,643.73	758,440.87	32.27267770	-103.63089369
	17,400.00	90.00	359.59	10,730.00	7,043.20	5,614.44	5,611.19	-474.35	0.00	463,743.72	758,440.16	32.27295257	-103.63089388
	17,500.00	90.00	359.59	10,730.00	7,043.20	5,714.44	5,711.19	-475.07	0.00	463,843.72	758,439.45	32.27322743	-103.63089406
	17,600.00	90.00	359.59	10,730.00	7,043.20	5,814.44	5,811.18	-475.78	0.00	463,943.71	758,438.74	32.27350229	-103.63089424
	17,700.00	90.00	359.59	10,730.00	7,043.20	5,914.44	5,911.18	-476.49	0.00	464,043.70	758,438.03	32.27377715	-103.63089443
	17,800.00	90.00	359.59	10,730.00	7,043.20	6,014.44	6,011.18	-477.20	0.00	464,143.70	758,437.32	32.27405202	-103.63089461
	17,900.00	90.00	359.59	10,730.00	7,043.20	6,114.44	6,111.18	-477.91	0.00	464,243.69	758,436.61	32.27432688	-103.63089479
	18,000.00	90.00	359.59	10,730.00	7,043.20	6,214.44	6,211.17	-478.62	0.00	464,343.68	758,435.90	32.27460174	-103.63089497
	18,100.00	90.00	359.59	10,730.00	7,043.20	6,314.44	6,311.17	-479.33	0.00	464,443.68	758,435.18	32.27487661	-103.63089516
	18,200.00	90.00	359.59	10,730.00	7,043.20	6,414.44	6,411.17	-480.05	0.00	464,543.67	758,434.47	32.27515147	-103.63089534
	18,300.00	90.00	359.59	10,730.00	7,043.20	6,514.44	6,511.17	-480.76	0.00	464,643.66	758,433.76	32.27542633	-103.63089552
	18,400.00	90.00	359.59	10,730.00	7,043.20	6,614.44	6,611.16	-481.47	0.00	464,743.66	758,433.05	32.27570120	-103.63089571
	18,500.00	90.00	359.59	10,730.00	7,043.20	6,714.44	6,711.16	-482.18	0.00	464,843.65	758,432.34	32.27597606	-103.63089589
	18,600.00	90.00	359.59	10,730.00	7,043.20	6,814.44	6,811.16	-482.89	0.00	464,943.64	758,431.63	32.27625092	-103.63089607
	18,700.00	90.00	359.59	10,730.00	7,043.20	6,914.44	6,911.16	-483.60	0.00	465,043.64	758,430.92	32.27652578	-103.63089626
	18,800.00	90.00	359.59	10,730.00	7,043.20	7,014.44	7,011.15	-484.31	0.00	465,143.63	758,430.21	32.27680065	-103.63089644
	18,900.00	90.00	359.59	10,730.00	7,043.20	7,114.44	7,111.15	-485.02	0.00	465,243.63	758,429.49	32.27707551	-103.63089662
	19,000.00	90.00	359.59	10,730.00	7,043.20	7,214.44	7,211.15	-485.74	0.00	465,343.62	758,428.78	32.27735037	-103.63089680
	19,100.00	90.00	359.59	10,730.00	7,043.20	7,314.44	7,311.15	-486.45	0.00	465,443.61	758,428.07	32.27762524	-103.63089699
	19,200.00	90.00	359.59	10,730.00	7,043.20	7,414.44	7,411.14	-487.16	0.00	465,543.61	758,427.36	32.27790010	-103.63089717
	19,300.00	90.00	359.59	10,730.00	7,043.20	7,514.44	7,511.14	-487.87	0.00	465,643.60	758,426.65	32.27817496	-103.63089735
	19,400.00	90.00	359.59	10,730.00	7,043.20	7,614.44	7,611.14	-488.58	0.00	465,743.59	758,425.94	32.27844982	-103.63089754
	19,500.00	90.00	359.59	10,730.00	7,043.20	7,714.44	7,711.14	-489.29	0.00	465,843.59	758,425.23	32.27872469	-103.63089772
	19,600.00	90.00	359.59	10,730.00	7,043.20	7,814.44	7,811.13	-490.00	0.00	465,943.58	758,424.52	32.27899955	-103.63089790
	19,700.00	90.00	359.59	10,730.00	7,043.20	7,914.44	7,911.13	-490.71	0.00	466,043.57	758,423.80	32.27927441	-103.63089809
Pool NMLC0063228 exit to NMN	19,728.00	90.00	359.59	10,730.00	7,043.20	7,942.44	7,939.13	-490.91	0.00	466,071.57	758,423.61	32.27935137	-103.63089814
	19,800.00	90.00	359.59	10,730.00	7,043.20	8,014.44	8,011.13	-491.43	0.00	466,143.57	758,423.09	32.27954928	-103.63089827
	19,900.00	90.00	359.59	10,730.00	7,043.20	8,114.44	8,111.13	-492.14	0.00	466,243.56	758,422.38	32.27982414	-103.63089845

Comments	MD (ft)	Incl (°)	Azim (°)	TVD (ft)	TVDSS (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (°)	Longitude (°)
	20,000.00	90.00	359.59	10,730.00	7,043.20	8,214.44	8,211.12	-492.85	0.00	466,343.56	758,421.67	32.28009900	-103.63089863
	20,100.00	90.00	359.59	10,730.00	7,043.20	8,314.44	8,311.12	-493.56	0.00	466,443.55	758,420.96	32.28037386	-103.63089882
	20,200.00	90.00	359.59	10,730.00	7,043.20	8,414.44	8,411.12	-494.27	0.00	466,543.54	758,420.25	32.28064873	-103.63089900
	20,300.00	90.00	359.59	10,730.00	7,043.20	8,514.44	8,511.12	-494.98	0.00	466,643.54	758,419.54	32.28092359	-103.63089918
	20,400.00	90.00	359.59	10,730.00	7,043.20	8,614.44	8,611.11	-495.69	0.00	466,743.53	758,418.83	32.28119845	-103.63089936
	20,500.00	90.00	359.59	10,730.00	7,043.20	8,714.44	8,711.11	-496.40	0.00	466,843.52	758,418.12	32.28147331	-103.63089955
	20,600.00	90.00	359.59	10,730.00	7,043.20	8,814.44	8,811.11	-497.12	0.00	466,943.52	758,417.40	32.28174818	-103.63089973
	20,700.00	90.00	359.59	10,730.00	7,043.20	8,914.44	8,911.11	-497.83	0.00	467,043.51	758,416.69	32.28202304	-103.63089991
	20,800.00	90.00	359.59	10,730.00	7,043.20	9,014.44	9,011.10	-498.54	0.00	467,143.50	758,415.98	32.28229790	-103.63090010
	20,900.00	90.00	359.59	10,730.00	7,043.20	9,114.44	9,111.10	-499.25	0.00	467,243.50	758,415.27	32.28257277	-103.63090028
Triste Draw 36-25 Federal Com 2	20,947.83	90.00	359.59	10,730.00	7,043.20	9,162.26	9,158.92	-499.59	0.00	467,291.32	758,414.93	32.28270422	-103.63090037

Survey Type: Def Plan

Survey Error Model: ISCWSA Rev 4 *** 3-D 95 % Confidence 2.7955 sigma

Survey Program:

Description	Part	MD From (ft)	MD To (ft)	EOU Freq (ft)	Hole Size (in)	Casing Diameter (in)	Expected Max Inclination (deg)	Survey Tool Code	Vendor / Tool	Borehole / Survey
	1	0.000	10,200.000	1/100.000	'.5 – 12.25 – 8.75	3.375 – 9.625 – 7		A001Mb_MWD		Triste Draw 36-25 Federal Com 212H / Coterra Tris
	1	10,200.000	20,947.825	1/100.000	8.75 – 6	7 – 4.5		A008Mb_MWD+IFR1+MS		Triste Draw 36-25 Federal Com 212H / Coterra Tris

EOU Geometry:

End MD (ft)	Hole Size (in)	Casing Size (in)	Name
1,381.800	17.500	13.375	
4,991.800	12.250	9.625	
12,521.800	8.750	7.000	
20,947.825	6.000	4.500	

Coterra Triste Draw 36-25 Federal Com 212H Rev0 kFc 06Oct25 Proposal
Geodetic Report
Def Plan

Report Date:	October 07, 2025 - 08:31 PM (UTC 0)	**Survey / DLS Computation:**	Minimum Curvature / Lubinski
Client:	COTERRA	**Vertical Section Azimuth:**	359.590 °(GRID North)
Field:	NM Lea County (NAD 83)	**Vertical Section Origin:**	0.000 ft, 0.000 ft
Structure / Slot:	Coterra - Triste Draw 36-25 Federal Com Pad (west) / 212H	**TVD Reference Datum:**	RKB
Well:	Triste Draw 36-25 Federal Com 212H	**TVD Reference Elevation:**	3686.800 ft above MSL
Borehole:	Triste Draw 36-25 Federal Com 212H	**Seabed / Ground Elevation:**	3660.300 ft above MSL
UBHI / API#:	Unknown / Unknown	**Magnetic Declination:**	6.080°
Survey Name:	Coterra Triste Draw 36-25 Federal Com 212H Rev0 kFc 06Oct25	**Total Gravity Field Strength:**	998.437mgn (9.80665 Based)
Survey Date:	October 07, 2025	**Gravity Model:**	GARM
Tort / AHD / DDI / ERD Ratio:	134.001 ° / 11651.813 ft / 6.484 / 1.086	**Total Magnetic Field Strength:**	47198.429 nT
Coordinate Reference System:	NAD83 New Mexico State Plane, Eastern Zone, US Feet	**Magnetic Dip Angle:**	59.746°
Location Lat / Long:	32°15'27.07650"N , 103°37'46.12190"W	**Declination Date:**	October 06, 2025
Location Grid N/E Y/X:	N 458132.750 ftUS , E 758914.500 ftUS	**Magnetic Declination Model:**	HDGM 2025
CRS Grid Convergence Angle:	0.376°	**North Reference:**	Grid North
Grid Scale Factor:	0.99996331(Applied)	**Grid Convergence Used:**	0.376°
Version / Patch:	2025.1.0.1	**Total Corr Mag North->Grid North:**	5.704°
		Local Coord Referenced To:	Well Head

Comments	MD (ft)	Incl (°)	Azim (°)	TVD (ft)	TVDSS (ft)	VSEC (ft)	AHD (ft)	NS (ft)	EW (ft)	DeltaMD (ft)	DeltaTVD (ft)	DLS (°/100ft)	BR (°/100ft)	TR (°/100ft)	GTF (°)	MTF (°)	TF (°)
SHL [1302'FSL, 2285'FWL]	0.00	0.00	0.00	0.00	-3,686.80	0.00	0.00	0.00	0.00						HS	199.45	199.45M
	100.00	0.00	199.45	100.00	-3,586.80	0.00	0.00	0.00	0.00	100.00	100.00	0.00	0.00	0.00	HS	199.45	199.45M
	200.00	0.00	199.45	200.00	-3,486.80	0.00	0.00	0.00	0.00	100.00	100.00	0.00	0.00	0.00	HS	199.45	199.45M
	300.00	0.00	199.45	300.00	-3,386.80	0.00	0.00	0.00	0.00	100.00	100.00	0.00	0.00	0.00	HS	199.45	199.45M
	400.00	0.00	199.45	400.00	-3,286.80	0.00	0.00	0.00	0.00	100.00	100.00	0.00	0.00	0.00	HS	199.45	199.45M
	500.00	0.00	199.45	500.00	-3,186.80	0.00	0.00	0.00	0.00	100.00	100.00	0.00	0.00	0.00	HS	199.45	199.45M
	600.00	0.00	199.45	600.00	-3,086.80	0.00	0.00	0.00	0.00	100.00	100.00	0.00	0.00	0.00	HS	199.45	199.45M
	700.00	0.00	199.45	700.00	-2,986.80	0.00	0.00	0.00	0.00	100.00	100.00	0.00	0.00	0.00	HS	199.45	199.45M
	800.00	0.00	199.45	800.00	-2,886.80	0.00	0.00	0.00	0.00	100.00	100.00	0.00	0.00	0.00	HS	199.45	199.45M
	900.00	0.00	199.45	900.00	-2,786.80	0.00	0.00	0.00	0.00	100.00	100.00	0.00	0.00	0.00	HS	199.45	199.45M
	1,000.00	0.00	199.45	1,000.00	-2,686.80	0.00	0.00	0.00	0.00	100.00	100.00	0.00	0.00	0.00	HS	199.45	199.45M
	1,100.00	0.00	199.45	1,100.00	-2,586.80	0.00	0.00	0.00	0.00	100.00	100.00	0.00	0.00	0.00	HS	199.45	199.45M
	1,200.00	0.00	199.45	1,200.00	-2,486.80	0.00	0.00	0.00	0.00	100.00	100.00	0.00	0.00	0.00	HS	199.45	199.45M
Rustler□	1,238.00	0.00	199.45	1,238.00	-2,448.80	0.00	0.00	0.00	0.00	38.00	38.00	0.00	0.00	0.00	HS	199.45	199.45M
	1,300.00	0.00	199.45	1,300.00	-2,386.80	0.00	0.00	0.00	0.00	62.00	62.00	0.00	0.00	0.00	HS	199.45	199.45M
A3 Top□	1,312.00	0.00	199.45	1,312.00	-2,374.80	0.00	0.00	0.00	0.00	12.00	12.00	0.00	0.00	0.00	HS	199.45	199.45M
	1,400.00	0.00	199.45	1,400.00	-2,286.80	0.00	0.00	0.00	0.00	88.00	88.00	0.00	0.00	0.00	HS	199.45	199.45M
A3 Base□	1,439.00	0.00	199.45	1,439.00	-2,247.80	0.00	0.00	0.00	0.00	39.00	39.00	0.00	0.00	0.00	HS	199.45	199.45M
	1,500.00	0.00	199.45	1,500.00	-2,186.80	0.00	0.00	0.00	0.00	61.00	61.00	0.00	0.00	0.00	HS	199.45	199.45M
	1,600.00	0.00	199.45	1,600.00	-2,086.80	0.00	0.00	0.00	0.00	100.00	100.00	0.00	0.00	0.00	HS	199.45	199.45M
Build 2°/100ft	1,700.00	0.00	199.45	1,700.00	-1,986.80	0.00	0.00	0.00	0.00	100.00	100.00	0.00	0.00	0.00	HS	199.45	199.45M
Salado□	1,731.00	0.62	199.45	1,731.00	-1,955.80	-0.16	0.17	-0.16	-0.06	31.00	31.00	2.00	2.00	0.00	HS	199.45	199.45M
	1,800.00	2.00	199.45	1,799.98	-1,886.82	-1.64	1.75	-1.65	-0.58	69.00	68.98	2.00	2.00	0.00	HS	199.45	199.45M
	1,900.00	4.00	199.45	1,899.84	-1,786.96	-6.56	6.98	-6.58	-2.32	100.00	99.86	2.00	2.00	0.00	HS	199.45	199.45M
	2,000.00	6.00	199.45	1,999.45	-1,687.35	-14.76	15.69	-14.80	-5.23	100.00	99.61	2.00	2.00	0.00	HS	199.45	199.45M
	2,100.00	8.00	199.45	2,098.70	-1,588.10	-26.22	27.88	-26.29	-9.28	100.00	99.25	2.00	2.00	0.00	HS	199.45	199.45M
	2,200.00	10.00	199.45	2,197.47	-1,489.33	-40.93	43.52	-41.04	-14.49	100.00	98.76	2.00	2.00	0.00	HS	199.45	HS
Hold	2,200.09	10.00	199.45	2,197.55	-1,489.25	-40.95	43.54	-41.05	-14.50	0.09	0.09	2.00	2.00	0.00	HS	199.45	HS
	2,300.00	10.00	199.45	2,295.95	-1,390.85	-57.27	60.89	-57.42	-20.27	99.91	98.39	0.00	0.00	0.00	HS	199.45	HS
	2,400.00	10.00	199.45	2,394.43	-1,292.37	-73.60	78.26	-73.79	-26.06	100.00	98.48	0.00	0.00	0.00	HS	199.45	HS
	2,500.00	10.00	199.45	2,492.91	-1,193.89	-89.94	95.63	-90.17	-31.84	100.00	98.48	0.00	0.00	0.00	HS	199.45	HS
	2,600.00	10.00	199.45	2,591.39	-1,095.41	-106.27	112.99	-106.55	-37.62	100.00	98.48	0.00	0.00	0.00	HS	199.45	HS
	2,700.00	10.00	199.45	2,689.87	-996.93	-122.61	130.36	-122.92	-43.41	100.00	98.48	0.00	0.00	0.00	HS	199.45	HS
	2,800.00	10.00	199.45	2,788.35	-898.45	-138.94	147.73	-139.30	-49.19	100.00	98.48	0.00	0.00	0.00	HS	199.45	HS
	2,900.00	10.00	199.45	2,886.83	-799.97	-155.28	165.10	-155.68	-54.97	100.00	98.48	0.00	0.00	0.00	HS	199.45	HS
	3,000.00	10.00	199.45	2,985.31	-701.49	-171.61	182.47	-172.05	-60.76	100.00	98.48	0.00	0.00	0.00	HS	199.45	HS
	3,100.00	10.00	199.45	3,083.79	-603.01	-187.95	199.83	-188.43	-66.54	100.00	98.48	0.00	0.00	0.00	HS	199.45	HS
	3,200.00	10.00	199.45	3,182.27	-504.53	-204.28	217.20	-204.81	-72.32	100.00	98.48	0.00	0.00	0.00	HS	199.45	HS
	3,300.00	10.00	199.45	3,280.75	-406.05	-220.62	234.57	-221.18	-78.10	100.00	98.48	0.00	0.00	0.00	HS	199.45	HS
	3,400.00	10.00	199.45	3,379.23	-307.57	-236.95	251.94	-237.56	-83.89	100.00	98.48	0.00	0.00	0.00	HS	199.45	HS
	3,500.00	10.00	199.45	3,477.71	-209.09	-253.29	269.30	-253.94	-89.67	100.00	98.48	0.00	0.00	0.00	HS	199.45	HS
	3,600.00	10.00	199.45	3,576.19	-110.61	-269.62	286.67	-270.31	-95.45	100.00	98.48	0.00	0.00	0.00	HS	199.45	HS
	3,700.00	10.00	199.45	3,674.67	-12.13	-285.96	304.04	-286.69	-101.24	100.00	98.48	0.00	0.00	0.00	HS	199.45	HS
	3,800.00	10.00	199.45	3,773.15	86.35	-302.29	321.41	-303.07	-107.02	100.00	98.48	0.00	0.00	0.00	HS	199.45	HS
	3,900.00	10.00	199.45	3,871.63	184.83	-318.63	338.78	-319.45	-112.80	100.00	98.48	0.00	0.00	0.00	HS	199.45	HS
	4,000.00	10.00	199.45	3,970.11	283.31	-334.96	356.14	-335.82	-118.58	100.00	98.48	0.00	0.00	0.00	HS	199.45	HS
	4,100.00	10.00	199.45	4,068.59	381.79	-351.30	373.51	-352.20	-124.37	100.00	98.48	0.00	0.00	0.00	HS	199.45	HS
	4,200.00	10.00	199.45	4,167.07	480.27	-367.63	390.88	-368.58	-130.15	100.00	98.48	0.00	0.00	0.00	HS	199.45	HS
	4,300.00	10.00	199.45	4,265.55	578.75	-383.97	408.25	-384.95	-135.93	100.00	98.48	0.00	0.00	0.00	HS	199.45	HS
	4,400.00	10.00	199.45	4,364.03	677.23	-400.30	425.62	-401.33	-141.72	100.00	98.48	0.00	0.00	0.00	HS	199.45	HS
	4,500.00	10.00	199.45	4,462.51	775.71	-416.64	442.98	-417.71	-147.50	100.00	98.48	0.00	0.00	0.00	HS	199.45	HS
	4,600.00	10.00	199.45	4,560.99	874.19	-432.97	460.35	-434.08	-153.28	100.00	98.48	0.00	0.00	0.00	HS	199.45	HS
	4,700.00	10.00	199.45	4,659.47	972.67	-449.31	477.72	-450.46	-159.07	100.00	98.48	0.00	0.00	0.00	HS	199.45	HS
	4,800.00	10.00	199.45	4,757.95	1,071.15	-465.64	495.09	-466.84	-164.85	100.00	98.48	0.00	0.00	0.00	HS	199.45	HS
	4,900.00	10.00	199.45	4,856.43	1,169.63	-481.98	512.46	-483.21	-170.63	100.00	98.48	0.00	0.00	0.00	HS	199.45	HS
	5,000.00	10.00	199.45	4,954.91	1,268.11	-498.32	529.82	-499.59	-176.41	100.00	98.48	0.00	0.00	0.00	HS	199.45	HS
Lamar□	5,050.86	10.00	199.45	5,005.00	1,318.20	-506.62	538.66	-507.92	-179.36	50.86	50.09	0.00	0.00	0.00	HS	199.45	HS
	5,100.00	10.00	199.45	5,053.39	1,366.59	-514.65	547.19	-515.97	-182.20	49.14	48.39	0.00	0.00	0.00	HS	199.45	HS
Bell Canyon□	5,106.71	10.00	199.45	5,060.00	1,373.20	-515.75	548.36	-517.07	-182.59	6.71	6.61	0.00	0.00	0.00	HS	199.45	HS
	5,200.00	10.00	199.45	5,151.87	1,465.07	-530.99	564.56	-532.34	-187.98	93.29	91.87	0.00	0.00	0.00	HS	199.45	HS
	5,300.00	10.00	199.45	5,250.35	1,563.55	-547.32	581.93	-548.72	-193.76	100.00	98.48	0.00	0.00	0.00	HS	199.45	HS
	5,400.00	10.00	199.45	5,348.83	1,662.03	-563.66	599.29	-565.10	-199.55	100.00	98.48	0.00	0.00	0.00	HS	199.45	HS
	5,500.00	10.00	199.45	5,447.31	1,760.51	-579.99	616.66	-581.47	-205.33	100.00	98.48	0.00	0.00	0.00	HS	199.45	HS
	5,600.00	10.00	199.45	5,545.79	1,858.99	-596.33	634.03	-597.85	-211.11	100.00	98.48	0.00	0.00	0.00	HS	199.45	HS
	5,700.00	10.00	199.45	5,644.27	1,957.47	-612.66	651.40	-614.23	-216.90	100.00	98.48	0.00	0.00	0.00	HS	199.45	HS
	5,800.00	10.00	199.45	5,742.75	2,055.95	-629.00	668.77	-630.60	-222.68	100.00	98.48	0.00	0.00	0.00	HS	199.45	HS
	5,900.00	10.00	199.45	5,841.23	2,154.43	-645.33	686.13	-646.98	-228.46	100.00	98.48	0.00	0.00	0.00	HS	199.45	HS
	6,000.00	10.00	199.45	5,939.71	2,252.91	-661.67	703.50	-663.36	-234.24	100.00	98.48	0.00	0.00	0.00	HS	199.45	HS
Cherry Canyon□	6,000.29	10.00	199.45	5,940.00	2,253.20	-661.71	703.55	-663.41	-234.26	0.29	0.29	0.00	0.00	0.00	HS	199.45	HS
	6,100.00	10.00	199.45	6,038.19	2,351.39	-678.00	720.87	-679.74	-240.03	99.71	98.19	0.00	0.00	0.00	HS	199.45	HS
	6,200.00	10.00	199.45	6,136.67	2,449.87	-694.34	738.24	-696.11	-245.81	100.00	98.48	0.00	0.00	0.00	HS	199.45	HS
	6,300.00	10.00	199.45	6,235.16	2,548.36	-710.67	755.61	-712.49	-251.59	100.00	98.48	0.00	0.00	0.00	HS	199.45	HS
	6,400.00	10.00	199.45	6,333.64	2,646.84	-727.01	772.97	-728.87	-257.38	100.00	98.48	0.00	0.00	0.00	HS	199.45	HS
	6,500.00	10.00	199.45	6,432.12	2,745.32	-743.34	790.34	-745.24	-263.16	100.00	98.48	0.00	0.00	0.00	HS	199.45	HS
	6,600.00	10.00	199.45	6,530.60	2,843.80	-759.68	807.71	-761.62	-268.94	100.00	98.48	0.00	0.00	0.00	HS	199.45	HS
	6,700.00	10.00	199.45	6,629.08	2,942.28	-776.01	825.08	-778.00	-274.72	100.00	98.48	0.00	0.00	0.00	HS	199.45	HS
	6,800.00	10.00	199.45	6,727.56	3,040.76	-792.35	842.44	-794.37	-280.51	100.00	98.48	0.00	0.00	0.00	HS	199.45	HS
	6,900.00	10.00	199.45	6,826.04	3,139.24	-808.68	859.81	-810.75	-286.29	100.00	98.48	0.00	0.00	0.00	HS	199.45	HS
	7,000.00	10.00	199.45	6,924.52	3,237.72	-825.02	877.18	-827.13	-292.07	100.00	98.48	0.00	0.00	0.00	HS	199.45	HS
	7,100.00	10.00	199.45	7,023.00	3,336.20	-841.35	894.55	-843.50	-297.86	100.00	98.48	0.00	0.00	0.00	HS	199.45	HS
	7,200.00	10.00	199.45	7,121.48	3,434.68	-857.69	911.92	-859.88	-303.64	100.00	98.48	0.00	0.00	0.00	HS	199.45	HS
	7,300.00	10.00	199.45	7,219.96	3,533.16	-874.02	929.28	-876.26	-309.42	100.00	98.48	0.00	0.00	0.00	HS	199.45	HS
Brushy Canyon□	7,399.56	10.00	199.45	7,318.00	3,631.20	-890.28	946.57	-892.56	-315.18	99.56	98.04	0.00	0.00	0.00	HS	199.45	HS
	7,400.00	10.00	199.45	7,318.44	3,631.64	-890.36	946.65	-892.63	-315.21	0.44	0.44	0.00	0.00	0.00	HS	199.45	HS
	7,500.00	10.00	199.45	7,416.92	3,730.12	-906.69	964.02	-909.01	-320.99	100.00	98.48	0.00	0.00	0.00	HS	199.45	HS
	7,600.00	10.00	199.45	7,515.40	3,828.60	-923.03	981.39	-925.39	-326.77	100.00	98.48	0.00	0.00	0.00	HS	199.45	HS
	7,700.00	10.00	199.45	7,613.88	3,927.08	-939.36	998.76	-941.76	-332.55	100.00	98.48	0.00	0.00	0.00	HS	199.45	HS
	7,800.00	10.00	199.45	7,712.36	4,025.56	-955.70	1,016.12	-958.14	-338.34	100.00	98.48	0.00	0.00	0.00	HS	199.45	HS
	7,900.00	10.00	199.45	7,810.84	4,124.04	-972.03	1,033.49	-974.52	-344.12	100.00	98.48	0.00	0.00	0.00	HS	199.45	HS
	8,000.00	10.00	199.45	7,909.32	4,222.52	-988.37	1,050.86	-990.89	-349.90	100.00	98.48	0.00	0.00	0.00	HS	199.45	HS
	8,100.00	10.00	199.45	8,007.80	4,321.00	-1,004.70	1,068.23	-1,007.27	-355.69	100.00	98.48	0.00	0.00	0.00	HS	199.45	HS
	8,200.00	10.00	199.45	8,106.28	4,419.48	-1,021.04	1,085.60	-1,023.65	-361.47	100.00	98.48	0.00	0.00	0.00	HS	199.45	HS
	8,300.00	10.00	199.45	8,204.76	4,517.96	-1,037.37	1,102.96	-1,040.03	-367.25	100.00	98.48	0.00	0.00	0.00	HS	199.45	HS
	8,400.00	10.00	199.45	8,303.24	4,616.44	-1,053.71	1,120.33	-1,056.40	-373.04	100.00	98.48	0.00	0.00	0.00	HS	199.45	HS
	8,500.00	10.00	199.45	8,401.72	4,714.92	-1,070.04	1,137.70	-1,072.78	-378.82	100.00	98.48	0.00	0.00	0.00	HS	199.45	HS
	8,600.00	10.00	199.45	8,500.20	4,813.40	-1,086.38	1,155.07	-1,089.16	-384.60	100.00	98.48	0.00	0.00	0.00	HS	199.45	HS
	8,700.00	10.00	199.45	8,598.68	4,911.88	-1,102.71	1,172.43	-1,105.53	-390.38	100.00	98.48	0.00	0.00	0.00	HS	199.45	HS
Basal Brushy Canyon□	8,734.85	10.00	199.45	8,633.00	4,946.20	-1,108.40	1,178.49	-1,111.24	-392.40	34.85	34.32	0.00	0.00	0.00	HS	199.45	HS
	8,800.00	10.00	199.45	8,697.16	5,010.36	-1,119.05	1,189.80	-1,121.91	-396.17	65.15	64.16	0.00	0.00	0.00	HS	199.45	HS
	8,900.00	10.00	199.45	8,795.64	5,108.84	-1,135.38	1,207.17	-1,138.29	-401.95	100.00	98.48	0.00	0.00	0.00	HS	199.45	HS
Bone Spring Lime□	8,955.20	10.00	199.45	8,850.00	5,163.20	-1,144.40	1,216.76	-1,147.33	-405.14	55.20	54.36	0.00	0.00	0.00	HS	199.45	HS
	9,000.00	10.00	199.45	8,894.12	5,207.32	-1,151.72	1,224.54	-1,154.66	-407.73	44.80	44.12	0.00	0.00	0.00	HS	199.45	HS
Drop 2°/100ft	9,066.86	10.00	199.45	8,959.97	5,273.17	-1,162.64	1,236.15	-1,165.61	-411.60	66.86	65.85	0.00	0.00	0.00	LS	199.45	LS
	9,100.00	9.34	199.45	8,992.63	5,305.83	-1,167.87	1,241.72	-1,170.86	-413.45	33.14	32.67	2.00	-2.00	0.00	LS	199.45	LS
Leonard□	9,140.86	8.52	199.45	9,033.00	5,346.20	-1,173.84	1,248.06	-1,176.84	-415.57	40.86	40.37	2.00	-2.00	0.00	LS	199.45	LS
	9,200.00	7.34	199.45	9,091.57	5,404.77	-1,181.51	1,256.22	-1,184.54	-418.28	59.14	58.57	2.00	-2.00	0.00	LS	199.45	LS
	9,300.00	5.34	199.45	9,190.96	5,504.16	-1,191.90	1,267.26	-1,194.95	-421.96	100.00	99.38	2.00	-2.00	0.00	LS	199.45	LS
	9,400.00	3.34	199.45	9,290.66	5,603.86	-1,199.01	1,274.83	-1,202.08	-424.48	100.00	99.71	2.00	-2.00	0.00	LS	199.45	199.45M
	9,500.00	1.34	199.45	9,390.58	5,703.78	-1,202.85	1,278.91	-1,205.93	-425.84	100.00	99.91	2.00	-2.00	0.00	LS	199.45	199.45M
Hold	9,566.95	0.00	199.45	9,457.52	5,770.72	-1,203.59	1,279.69	-1,206.67	-426.10	66.95	66.94	2.00	-2.00	0.00	HS	199.45	199.45M
Avalon□	9,574.43	0.00	199.45	9,465.00	5,778.20	-1,203.59	1,279.69	-1,206.67	-426.10	7.48	7.48	0.00	0.00	0.00	HS	199.45	199.45M
	9,600.00	0.00	199.45	9,490.57	5,803.77	-1,203.59	1,279.69	-1,206.67	-426.10	25.57	25.57	0.00	0.00	0.00	HS	199.45	199.45M
	9,700.00	0.00	199.45	9,590.57	5,903.77	-1,203.59	1,279.69	-1,206.67	-426.10	100.00	100.00	0.00	0.00	0.00	HS	199.45	199.45M
	9,800.00	0.00	199.45	9,690.57	6,003.77	-1,203.59	1,279.69	-1,206.67	-426.10	100.00	100.00	0.00	0.00	0.00	HS	199.45	199.45M
	9,900.00	0.00	199.45	9,790.57	6,103.77	-1,203.59	1,279.69	-1,206.67	-426.10	100.00	100.00	0.00	0.00	0.00	HS	199.45	199.45M
	10,000.00	0.00	199.45	9,890.57	6,203.77	-1,203.59	1,279.69	-1,206.67	-426.10	100.00	100.00	0.00	0.00	0.00	HS	199.45	199.45M
	10,100.00	0.00	199.45	9,990.57	6,303.77	-1,203.59	1,279.69	-1,206.67	-426.10	100.00	100.00	0.00	0.00	0.00	HS	199.45	199.45M
1st BS SS □	10,159.43	0.00	199.45	10,050.00	6,363.20	-1,203.59	1,279.69	-1,206.67	-426.10	59.43	59.43	0.00	0.00	0.00	HS	199.45	199.45M
	10,200.00	0.00	199.45	10,090.57	6,403.77	-1,203.59	1,279.69	-1,206.67	-426.10	40.57	40.57	0.00	0.00	0.00	HS	199.45	199.45M

MD (ft)	Northing (ftUS)	Easting (ftUS)	Latitude (° ' ")	Longitude (° ' ")	Latitude (°)	Longitude (°)	Closure (ft)	Closure Azimuth (°)	Directional Difficulty Index	Tortuosity (°)	ERD Ratio	Exclusion Zone Alert	GeoMag Th (nT)	Exclusion Zone Angle (°)	Exclusion Zone Tolerance (nT)	Alert Zone Tolerance (nT)
0.00	458,132.75	758,914.50	32°15'27.076501"N	103°37'46.121899"W	32.25752125	-103.62947831	0.00	0.00	0.00	0.00	0.00		23,780.40	30.25	4,000.00	6,000.00
100.00	458,132.75	758,914.50	32°15'27.076501"N	103°37'46.121899"W	32.25752125	-103.62947831	0.00	0.00	0.00	0.00	0.00		23,780.40	30.25	4,000.00	6,000.00
200.00	458,132.75	758,914.50	32°15'27.076501"N	103°37'46.121899"W	32.25752125	-103.62947831	0.00	0.00	0.00	0.00	0.00		23,780.40	30.25	4,000.00	6,000.00
300.00	458,132.75	758,914.50	32°15'27.076501"N	103°37'46.121899"W	32.25752125	-103.62947831	0.00	0.00	0.00	0.00	0.00		23,780.40	30.25	4,000.00	6,000.00
400.00	458,132.75	758,914.50	32°15'27.076501"N	103°37'46.121899"W	32.25752125	-103.62947831	0.00	0.00	0.00	0.00	0.00		23,780.40	30.25	4,000.00	6,000.00
500.00	458,132.75	758,914.50	32°15'27.076501"N	103°37'46.121899"W	32.25752125	-103.62947831	0.00	0.00	0.00	0.00	0.00		23,780.40	30.25	4,000.00	6,000.00
600.00	458,132.75	758,914.50	32°15'27.076501"N	103°37'46.121899"W	32.25752125	-103.62947831	0.00	0.00	0.00	0.00	0.00		23,780.40	30.25	4,000.00	6,000.00
700.00	458,132.75	758,914.50	32°15'27.076501"N	103°37'46.121899"W	32.25752125	-103.62947831	0.00	0.00	0.00	0.00	0.00		23,780.40	30.25	4,000.00	6,000.00
800.00	458,132.75	758,914.50	32°15'27.076501"N	103°37'46.121899"W	32.25752125	-103.62947831	0.00	0.00	0.00	0.00	0.00		23,780.40	30.25	4,000.00	6,000.00
900.00	458,132.75	758,914.50	32°15'27.076501"N	103°37'46.121899"W	32.25752125	-103.62947831	0.00	0.00	0.00	0.00	0.00		23,780.40	30.25	4,000.00	6,000.00
1,000.00	458,132.75	758,914.50	32°15'27.076501"N	103°37'46.121899"W	32.25752125	-103.62947831	0.00	0.00	0.00	0.00	0.00		23,780.40	30.25	4,000.00	6,000.00
1,100.00	458,132.75	758,914.50	32°15'27.076501"N	103°37'46.121899"W	32.25752125	-103.62947831	0.00	0.00	0.00	0.00	0.00		23,780.40	30.25	4,000.00	6,000.00
1,200.00	458,132.75	758,914.50	32°15'27.076501"N	103°37'46.121899"W	32.25752125	-103.62947831	0.00	0.00	0.00	0.00	0.00		23,780.40	30.25	4,000.00	6,000.00
1,238.00	458,132.75	758,914.50	32°15'27.076501"N	103°37'46.121899"W	32.25752125	-103.62947831	0.00	0.00	0.00	0.00	0.00		23,780.40	30.25	4,000.00	6,000.00
1,300.00	458,132.75	758,914.50	32°15'27.076501"N	103°37'46.121899"W	32.25752125	-103.62947831	0.00	0.00	0.00	0.00	0.00		23,780.40	30.25	4,000.00	6,000.00
1,312.00	458,132.75	758,914.50	32°15'27.076501"N	103°37'46.121899"W	32.25752125	-103.62947831	0.00	0.00	0.00	0.00	0.00		23,780.40	30.25	4,000.00	6,000.00
1,400.00	458,132.75	758,914.50	32°15'27.076501"N	103°37'46.121899"W	32.25752125	-103.62947831	0.00	0.00	0.00	0.00	0.00		23,780.40	30.25	4,000.00	6,000.00
1,439.00	458,132.75	758,914.50	32°15'27.076501"N	103°37'46.121899"W	32.25752125	-103.62947831	0.00	0.00	0.00	0.00	0.00		23,780.40	30.25	4,000.00	6,000.00
1,500.00	458,132.75	758,914.50	32°15'27.076501"N	103°37'46.121899"W	32.25752125	-103.62947831	0.00	0.00	0.00	0.00	0.00		23,780.40	30.25	4,000.00	6,000.00
1,600.00	458,132.75	758,914.50	32°15'27.076501"N	103°37'46.121899"W	32.25752125	-103.62947831	0.00	0.00	0.00	0.00	0.00		23,780.40	30.25	4,000.00	6,000.00
1,700.00	458,132.75	758,914.50	32°15'27.076501"N	103°37'46.121899"W	32.25752125	-103.62947831	0.00	0.00	0.00	0.00	0.00		23,780.40	30.25	4,000.00	6,000.00
1,731.00	458,132.59	758,914.44	32°15'27.074940"N	103°37'46.122562"W	32.25752082	-103.62947849	0.17	199.45	0.00	0.62	0.00		24,207.85	30.86	4,000.00	6,000.00
1,800.00	458,131.10	758,913.92	32°15'27.060256"N	103°37'46.128792"W	32.25751674	-103.62948022	1.75	199.45	0.54	2.00	0.00		25,151.06	32.20	4,000.00	6,000.00
1,900.00	458,126.17	758,912.18	32°15'27.011541"N	103°37'46.149460"W	32.25750321	-103.62948596	6.98	199.45	1.45	4.00	0.00		26,496.54	34.15	4,000.00	6,000.00
2,000.00	458,117.95	758,909.27	32°15'26.930415"N	103°37'46.183878"W	32.25748067	-103.62949552	15.69	199.45	1.97	6.00	0.01		27,814.42	36.11	4,000.00	6,000.00
2,100.00	458,106.46	758,905.22	32°15'26.816977"N	103°37'46.232006"W	32.25744916	-103.62950889	27.88	199.45	2.35	8.00	0.01		29,102.44	38.07	4,000.00	6,000.00
2,200.00	458,091.71	758,900.01	32°15'26.671365"N	103°37'46.293784"W	32.25740871	-103.62952605	43.52	199.45	2.64	10.00	0.02		30,358.53	40.03	4,000.00	6,000.00
2,200.09	458,091.70	758,900.00	32°15'26.671221"N	103°37'46.293845"W	32.25740867	-103.62952607	43.54	199.45	2.64	10.00	0.02		30,359.63	40.03	4,000.00	6,000.00
2,300.00	458,075.34	758,894.23	32°15'26.509693"N	103°37'46.362375"W	32.25736380	-103.62954510	60.89	199.45	2.79	10.00	0.03		30,359.63	40.03	4,000.00	6,000.00
2,400.00	458,058.96	758,888.44	32°15'26.348022"N	103°37'46.430966"W	32.25731889	-103.62956416	78.26	199.45	2.89	10.00	0.03		30,359.63	40.03	4,000.00	6,000.00
2,500.00	458,042.58	758,882.66	32°15'26.186350"N	103°37'46.499556"W	32.25727399	-103.62958321	95.63	199.45	2.98	10.00	0.04		30,359.63	40.03	4,000.00	6,000.00
2,600.00	458,026.21	758,876.88	32°15'26.024678"N	103°37'46.568147"W	32.25722908	-103.62960226	112.99	199.45	3.05	10.00	0.04		30,359.63	40.03	4,000.00	6,000.00
2,700.00	458,009.83	758,871.10	32°15'25.863007"N	103°37'46.636738"W	32.25718417	-103.62962132	130.36	199.45	3.12	10.00	0.05		30,359.63	40.03	4,000.00	6,000.00
2,800.00	457,993.46	758,865.31	32°15'25.701335"N	103°37'46.705329"W	32.25713926	-103.62964037	147.73	199.45	3.17	10.00	0.05		30,359.63	40.03	4,000.00	6,000.00
2,900.00	457,977.08	758,859.53	32°15'25.539664"N	103°37'46.773919"W	32.25709435	-103.62965942	165.10	199.45	3.22	10.00	0.06		30,359.63	40.03	4,000.00	6,000.00
3,000.00	457,960.70	758,853.75	32°15'25.377992"N	103°37'46.842510"W	32.25704944	-103.62967847	182.47	199.45	3.26	10.00	0.06		30,359.63	40.03	4,000.00	6,000.00
3,100.00	457,944.33	758,847.96	32°15'25.216320"N	103°37'46.911100"W	32.25700453	-103.62969753	199.83	199.45	3.30	10.00	0.06		30,359.63	40.03	4,000.00	6,000.00
3,200.00	457,927.95	758,842.18	32°15'25.054649"N	103°37'46.979690"W	32.25695962	-103.62971658	217.20	199.45	3.34	10.00	0.07		30,359.63	40.03	4,000.00	6,000.00
3,300.00	457,911.57	758,836.40	32°15'24.892977"N	103°37'47.048281"W	32.25691472	-103.62973563	234.57	199.45	3.37	10.00	0.07		30,359.63	40.03	4,000.00	6,000.00
3,400.00	457,895.20	758,830.62	32°15'24.731305"N	103°37'47.116871"W	32.25686981	-103.62975469	251.94	199.45	3.40	10.00	0.07		30,359.63	40.03	4,000.00	6,000.00
3,500.00	457,878.82	758,824.83	32°15'24.569633"N	103°37'47.185461"W	32.25682490	-103.62977374	269.30	199.45	3.43	10.00	0.08		30,359.63	40.03	4,000.00	6,000.00
3,600.00	457,862.45	758,819.05	32°15'24.407962"N	103°37'47.254051"W	32.25677999	-103.62979279	286.67	199.45	3.46	10.00	0.08		30,359.63	40.03	4,000.00	6,000.00
3,700.00	457,846.07	758,813.27	32°15'24.246290"N	103°37'47.322641"W	32.25673508	-103.62981184	304.04	199.45	3.49	10.00	0.08		30,359.63	40.03	4,000.00	6,000.00
3,800.00	457,829.69	758,807.49	32°15'24.084618"N	103°37'47.391231"W	32.25669017	-103.62983090	321.41	199.45	3.51	10.00	0.09		30,359.63	40.03	4,000.00	6,000.00
3,900.00	457,813.32	758,801.70	32°15'23.922946"N	103°37'47.459821"W	32.25664526	-103.62984995	338.78	199.45	3.53	10.00	0.09		30,359.63	40.03	4,000.00	6,000.00
4,000.00	457,796.94	758,795.92	32°15'23.761275"N	103°37'47.528411"W	32.25660035	-103.62986900	356.14	199.45	3.55	10.00	0.09		30,359.63	40.03	4,000.00	6,000.00
4,100.00	457,780.56	758,790.14	32°15'23.599603"N	103°37'47.597001"W	32.25655545	-103.62988806	373.51	199.45	3.58	10.00	0.09		30,359.63	40.03	4,000.00	6,000.00
4,200.00	457,764.19	758,784.35	32°15'23.437931"N	103°37'47.665590"W	32.25651054	-103.62990711	390.88	199.45	3.60	10.00	0.09		30,359.63	40.03	4,000.00	6,000.00
4,300.00	457,747.81	758,778.57	32°15'23.276259"N	103°37'47.734180"W	32.25646563	-103.62992616	408.25	199.45	3.61	10.00	0.10		30,359.63	40.03	4,000.00	6,000.00
4,400.00	457,731.44	758,772.79	32°15'23.114587"N	103°37'47.802770"W	32.25642072	-103.62994521	425.62	199.45	3.63	10.00	0.10		30,359.63	40.03	4,000.00	6,000.00
4,500.00	457,715.06	758,767.01	32°15'22.952916"N	103°37'47.871359"W	32.25637581	-103.62996427	442.98	199.45	3.65	10.00	0.10		30,359.63	40.03	4,000.00	6,000.00
4,600.00	457,698.68	758,761.22	32°15'22.791244"N	103°37'47.939949"W	32.25633090	-103.62998332	460.35	199.45	3.67	10.00	0.10		30,359.63	40.03	4,000.00	6,000.00
4,700.00	457,682.31	758,755.44	32°15'22.629572"N	103°37'48.008538"W	32.25628599	-103.63000237	477.72	199.45	3.68	10.00	0.10		30,359.63	40.03	4,000.00	6,000.00
4,800.00	457,665.93	758,749.66	32°15'22.467900"N	103°37'48.077127"W	32.25624108	-103.63002142	495.09	199.45	3.70	10.00	0.10		30,359.63	40.03	4,000.00	6,000.00
4,900.00	457,649.56	758,743.87	32°15'22.306228"N	103°37'48.145716"W	32.25619617	-103.63004048	512.46	199.45	3.71	10.00	0.11		30,359.63	40.03	4,000.00	6,000.00
5,000.00	457,633.18	758,738.09	32°15'22.144556"N	103°37'48.214306"W	32.25615127	-103.63005953	529.82	199.45	3.73	10.00	0.11		30,359.63	40.03	4,000.00	6,000.00
5,050.86	457,624.85	758,735.15	32°15'22.062328"N	103°37'48.249191"W	32.25612842	-103.63006922	538.66	199.45	3.74	10.00	0.11		30,359.63	40.03	4,000.00	6,000.00
5,100.00	457,616.80	758,732.31	32°15'21.982884"N	103°37'48.282895"W	32.25610636	-103.63007858	547.19	199.45	3.74	10.00	0.11		30,359.63	40.03	4,000.00	6,000.00
5,106.71	457,615.70	758,731.92	32°15'21.972036"N	103°37'48.287497"W	32.25610334	-103.63007986	548.36	199.45	3.74	10.00	0.11		30,359.63	40.03	4,000.00	6,000.00
5,200.00	457,600.43	758,726.53	32°15'21.821212"N	103°37'48.351484"W	32.25606145	-103.63009763	564.56	199.45	3.76	10.00	0.11		30,359.63	40.03	4,000.00	6,000.00
5,300.00	457,584.05	758,720.74	32°15'21.659540"N	103°37'48.420073"W	32.25601654	-103.63011669	581.93	199.45	3.77	10.00	0.11		30,359.63	40.03	4,000.00	6,000.00
5,400.00	457,567.67	758,714.96	32°15'21.497868"N	103°37'48.488661"W	32.25597163	-103.63013574	599.29	199.45	3.78	10.00	0.11		30,359.63	40.03	4,000.00	6,000.00
5,500.00	457,551.30	758,709.18	32°15'21.336196"N	103°37'48.557250"W	32.25592672	-103.63015479	616.66	199.45	3.79	10.00	0.11		30,359.63	40.03	4,000.00	6,000.00
5,600.00	457,534.92	758,703.40	32°15'21.174524"N	103°37'48.625839"W	32.25588181	-103.63017384	634.03	199.45	3.81	10.00	0.11		30,359.63	40.03	4,000.00	6,000.00
5,700.00	457,518.55	758,697.61	32°15'21.012852"N	103°37'48.694428"W	32.25583690	-103.63019290	651.40	199.45	3.82	10.00	0.12		30,359.63	40.03	4,000.00	6,000.00
5,800.00	457,502.17	758,691.83	32°15'20.851180"N	103°37'48.763016"W	32.25579199	-103.63021195	668.77	199.45	3.83	10.00	0.12		30,359.63	40.03	4,000.00	6,000.00
5,900.00	457,485.79	758,686.05	32°15'20.689508"N	103°37'48.831605"W	32.25574709	-103.63023100	686.13	199.45	3.84	10.00	0.12		30,359.63	40.03	4,000.00	6,000.00
6,000.00	457,469.42	758,680.26	32°15'20.527836"N	103°37'48.900193"W	32.25570218	-103.63025005	703.50	199.45	3.85	10.00	0.12		30,359.63	40.03	4,000.00	6,000.00
6,000.29	457,469.37	758,680.25	32°15'20.527368"N	103°37'48.900392"W	32.25570205	-103.63025011	703.55	199.45	3.85	10.00	0.12		30,359.63	40.03	4,000.00	6,000.00
6,100.00	457,453.04	758,674.48	32°15'20.366164"N	103°37'48.968781"W	32.25565727	-103.63026911	720.87	199.45	3.86	10.00	0.12		30,359.63	40.03	4,000.00	6,000.00
6,200.00	457,436.66	758,668.70	32°15'20.204492"N	103°37'49.037370"W	32.25561236	-103.63028816	738.24	199.45	3.87	10.00	0.12		30,359.63	40.03	4,000.00	6,000.00
6,300.00	457,420.29	758,662.92	32°15'20.042820"N	103°37'49.105958"W	32.25556745	-103.63030721	755.61	199.45	3.88	10.00	0.12		30,359.63	40.03	4,000.00	6,000.00
6,400.00	457,403.91	758,657.13	32°15'19.881148"N	103°37'49.174546"W	32.25552254	-103.63032626	772.97	199.45	3.89	10.00	0.12		30,359.63	40.03	4,000.00	6,000.00
6,500.00	457,387.54	758,651.35	32°15'19.719476"N	103°37'49.243134"W	32.25547763	-103.63034532	790.34	199.45	3.90	10.00	0.12		30,359.63	40.03	4,000.00	6,000.00
6,600.00	457,371.16	758,645.57	32°15'19.557804"N	103°37'49.311722"W	32.25543272	-103.63036437	807.71	199.45	3.91	10.00	0.12		30,359.63	40.03	4,000.00	6,000.00
6,700.00	457,354.78	758,639.79	32°15'19.396132"N	103°37'49.380310"W	32.25538781	-103.63038342	825.08	199.45	3.92	10.00	0.12		30,359.63	40.03	4,000.00	6,000.00
6,800.00	457,338.41	758,634.00	32°15'19.234460"N	103°37'49.448898"W	32.25534291	-103.63040247	842.44	199.45	3.93	10.00	0.13		30,359.63	40.03	4,000.00	6,000.00
6,900.00	457,322.03	758,628.22	32°15'19.072788"N	103°37'49.517486"W	32.25529800	-103.63042152	859.81	199.45	3.94	10.00	0.13		30,359.63	40.03	4,000.00	6,000.00
7,000.00	457,305.66	758,622.44	32°15'18.911115"N	103°37'49.586074"W	32.25525309	-103.63044058	877.18	199.45	3.95	10.00	0.13		30,359.63	40.03	4,000.00	6,000.00
7,100.00	457,289.28	758,616.65	32°15'18.749443"N	103°37'49.654661"W	32.25520818	-103.63045963	894.55	199.45	3.96	10.00	0.13		30,359.63	40.03	4,000.00	6,000.00
7,200.00	457,272.90	758,610.87	32°15'18.587771"N	103°37'49.723249"W	32.25516327	-103.63047868	911.92	199.45	3.96	10.00	0.13		30,359.63	40.03	4,000.00	6,000.00
7,300.00	457,256.53	758,605.09	32°15'18.426099"N	103°37'49.791837"W	32.25511836	-103.63049773	929.28	199.45	3.97	10.00	0.13		30,359.63	40.03	4,000.00	6,000.00
7,399.56	457,240.22	758,599.33	32°15'18.265145"N	103°37'49.860119"W	32.25507365	-103.63051670	946.57	199.45	3.98	10.00	0.13		30,359.63	40.03	4,000.00	6,000.00
7,400.00	457,240.15	758,599.31	32°15'18.264427"N	103°37'49.860424"W	32.25507345	-103.63051678	946.65	199.45	3.98	10.00	0.13		30,359.63	40.03	4,000.00	6,000.00
7,500.00	457,223.77	758,593.52	32°15'18.102755"N	103°37'49.929012"W	32.25502854	-103.63053584	964.02	199.45	3.99	10.00	0.13		30,359.63	40.03	4,000.00	6,000.00
7,600.00	457,207.40	758,587.74	32°15'17.941082"N	103°37'49.997599"W	32.25498363	-103.63055489	981.39	199.45	4.00	10.00	0.13		30,359.63	40.03	4,000.00	6,000.00
7,700.00	457,191.02	758,581.96	32°15'17.779410"N	103°37'50.066186"W	32.25493873	-103.63057394	998.76	199.45	4.00	10.00	0.13		30,359.63	40.03	4,000.00	6,000.00
7,800.00	457,174.65	758,576.18	32°15'17.617738"N	103°37'50.134773"W	32.25489382	-103.63059299	1,016.12	199.45	4.01	10.00	0.13		30,359.63	40.03	4,000.00	6,000.00
7,900.00	457,158.27	758,570.39	32°15'17.456066"N	103°37'50.203361"W	32.25484891	-103.63061204	1,033.49	199.45	4.02	10.00	0.13		30,359.63	40.03	4,000.00	6,000.00
8,000.00	457,141.89	758,564.61	32°15'17.294393"N	103°37'50.271948"W	32.25480400	-103.63063110	1,050.86	199.45	4.03	10.00	0.13		30,359.63	40.03	4,000.00	6,000.00
8,100.00	457,125.52	758,558.83	32°15'17.132721"N	103°37'50.340535"W	32.25475909	-103.63065015	1,068.23	199.45	4.03	10.00	0.13		30,359.63	40.03	4,000.00	6,000.00
8,200.00	457,109.14	758,553.04	32°15'16.971049"N	103°37'50.409122"W	32.25471418	-103.63066920	1,085.60	199.45	4.04	10.00	0.13		30,359.63	40.03	4,000.00	6,000.00
8,300.00	457,092.76	758,547.26	32°15'16.809376"N	103°37'50.477708"W	32.25466927	-103.63068825	1,102.96	199.45	4.05	10.00	0.13		30,359.63	40.03	4,000.00	6,000.00
8,400.00	457,076.39	758,541.48	32°15'16.647704"N	103°37'50.546295"W	32.25462436	-103.63070730	1,120.33	199.45	4.05	10.00	0.13		30,359.63	40.03	4,000.00	6,000.00
8,500.00	457,060.01	758,535.70	32°15'16.486032"N	103°37'50.614882"W	32.25457945	-103.63072636	1,137.70	199.45	4.06	10.00	0.14		30,359.63	40.03	4,000.00	6,000.00
8,600.00	457,043.64	758,529.91	32°15'16.324359"N	103°37'50.683469"W	32.25453454	-103.63074541	1,155.07	199.45	4.07	10.00	0.14		30,359.63	40.03	4,000.00	6,000.00
8,700.00	457,027.26	758,524.13	32°15'16.162687"N	103°37'50.752055"W	32.25448964	-103.63076446	1,172.43	199.45	4.07	10.00	0.14		30,359.63	40.03	4,000.00	6,000.00
8,734.85	457,021.55	758,522.12	32°15'16.106346"N	103°37'50.775957"W	32.25447398	-103.63077110	1,178.49	199.45	4.08	10.00	0.14		30,359.63	40.03	4,000.00	6,000.00
8,800.00	457,010.88	758,518.35	32°15'16.001015"N	103°37'50.820642"W	32.25444473	-103.63078351	1,189.80	199.45	4.08	10.00	0.14		30,359.63	40.03	4,000.00	6,000.00
8,900.00	456,994.51	758,512.57	32°15'15.839342"N	103°37'50.889228"W	32.25439982	-103.63080256	1,207.17	199.45	4.09	10.00	0.14		30,359.63	40.03	4,000.00	6,000.00
8,955.20	456,985.47	758,509.37	32°15'15.750103"N	103°37'50.927086"W	32.25437503	-103.63081308	1,216.76	199.45	4.09	10.00	0.14		30,359.63	40.03	4,000.00	6,000.00
9,000.00	456,978.13	758,506.78	32°15'15.677670"N	103°37'50.957815"W	32.25435491	-103.63082162	1,224.54	199.45	4.09	10.00	0.14		30,359.63	40.03	4,000.00	6,000.00
9,066.86	456,967.18	758,502.92	32°15'15.569573"N	103°37'51.003673"W	32.25432488	-103.63083435	1,236.15	199.45	4.10	10.00	0.14		30,359.63	40.03	4,000.00	6,000.00
9,100.00	456,961.93	758,501.06	32°15'15.517756"N	103°37'51.025655"W	32.25431049	-103.63084046	1,241.72	199.45	4.13	10.66	0.14		29,947.05	39.38	4,000.00	6,000.00
9,140.86	456,955.95	758,498.95	32°15'15.458710"N	103°37'51.050704"W	32.25429409	-103.63084742	1,248.06	199.45	4.16	11.48	0.14		29,433.30	38.58	4,000.00	6,000.00
9,200.00	456,948.26	758,496.23	32°15'15.382758"N	103°37'51.082925"W	32.25427299	-103.63085637	1,256.22	199.45	4.21	12.66	0.14		28,680.19	37.42	4,000.00	6,000.00
9,300.00	456,937.85	758,492.56	32°15'15.279985"N	103°37'51.126524"W	32.25424444	-103.63086848	1,267.26	199.45	4.27	14.66	0.14		27,382.07	35.46	4,000.00	6,000.00
9,400.00	456,930.72	758,490.04	32°15'15.209561"N	103°37'51.156400"W	32.25422488	-103.63087678	1,274.83	199.45	4.33	16.66	0.14		26,054.81	33.51	4,000.00	6,000.00
9,500.00	456,926.87	758,488.68	32°15'15.171572"N	103°37'51.172516"W	32.25421433	-103.63088125	1,278.91	199.45	4.38	18.66	0.14		24,700.73	31.56	4,000.00	6,000.00
9,566.95	456,926.13	758,488.42	32°15'15.164290"N	103°37'51.175605"W	32.25421230	-103.63088211	1,279.69	199.45	4.41	20.00	0.14		23,780.40	30.25	4,000.00	6,000.00
9,574.43	456,926.13	758,488.42	32°15'15.164290"N	103°37'51.175605"W	32.25421230	-103.63088211	1,279.69	199.45	4.41	20.00	0.14		23,780.40	30.25	4,000.00	6,000.00
9,600.00	456,926.13	758,488.42	32°15'15.164290"N	103°37'51.175605"W	32.25421230	-103.63088211	1,279.69	199.45	4.41	20.00	0.13		23,780.40	30.25	4,000.00	6,000.00
9,700.00	456,926.13	758,488.42	32°15'15.164290"N	103°37'51.175605"W	32.25421230	-103.63088211	1,279.69	199.45	4.41	20.00	0.13		23,780.40	30.25	4,000.00	6,000.00
9,800.00	456,926.13	758,488.42	32°15'15.164290"N	103°37'51.175605"W	32.25421230	-103.63088211	1,279.69	199.45	4.41	20.00	0.13		23,780.40	30.25	4,000.00	6,000.00
9,900.00	456,926.13	758,488.42	32°15'15.164290"N	103°37'51.175605"W	32.25421230	-103.63088211	1,279.69	199.45	4.41	20.00	0.13		23,780.40	30.25	4,000.00	6,000.00
10,000.00	456,926.13	758,488.42	32°15'15.164290"N	103°37'51.175605"W	32.25421230	-103.63088211	1,279.69	199.45	4.41	20.00	0.13		23,780.40	30.25	4,000.00	6,000.00
10,100.00	456,926.13	758,488.42	32°15'15.164290"N	103°37'51.175605"W	32.25421230	-103.63088211	1,279.69	199.45	4.41	20.00	0.13		23,780.40	30.25	4,000.00	6,000.00
10,159.43	456,926.13	758,488.42	32°15'15.164290"N	103°37'51.175605"W	32.25421230	-103.63088211	1,279.69	199.45	4.41	20.00	0.13		23,780.40	30.25	4,000.00	6,000.00
10,200.00	456,926.13	758,488.42	32°15'15.164290"N	103°37'51.175605"W	32.25421230	-103.63088211	1,279.69	199.45	4.41	20.00	0.13		23,780.40	30.25	4,000.00	6,000.00

Comments	MD (ft)	Incl (°)	Azim (°)	TVD (ft)	TVDSS (ft)	VSEC (ft)	AHD (ft)	NS (ft)	EW (ft)	DeltaMD (ft)	DeltaTVD (ft)	DLS (°/100ft)	BR (°/100ft)	TR (°/100ft)	GTF (°)
KOP, Build 10°/100ft	10,246.95	0.00	199.45	10,137.52	6,450.72	-1,203.59	1,279.69	-1,206.67	-426.10	46.95	46.95	0.00	0.00	0.00	HS
	10,300.00	5.30	359.59	10,190.49	6,503.69	-1,201.13	1,282.14	-1,204.21	-426.11	53.05	52.97	10.00	10.00	0.00	HS
	10,400.00	15.30	359.59	10,288.76	6,601.96	-1,183.27	1,300.01	-1,186.35	-426.24	100.00	98.26	10.00	10.00	0.00	HS
	10,481.80	23.49	359.59	10,365.85	6,679.05	-1,156.12	1,327.15	-1,159.21	-426.44	81.80	77.10	10.00	10.00	0.00	HS
	10,500.00	25.30	359.59	10,382.42	6,695.62	-1,148.61	1,334.67	-1,151.69	-426.49	18.20	16.57	10.00	10.00	0.00	HS
	10,510.41	26.35	359.59	10,391.79	6,704.99	-1,144.07	1,339.20	-1,147.16	-426.52	10.41	9.37	10.00	10.00	0.00	HS
	10,585.74	33.88	359.59	10,456.91	6,770.11	-1,106.31	1,376.96	-1,109.39	-426.79	75.32	65.11	10.00	10.00	0.00	HS
	10,600.00	35.30	359.59	10,468.65	6,781.85	-1,098.21	1,385.06	-1,101.30	-426.85	14.26	11.74	10.00	10.00	0.00	HS
	10,614.34	36.74	359.59	10,480.25	6,793.45	-1,089.78	1,393.50	-1,092.86	-426.91	14.34	11.60	10.00	10.00	0.00	HS
	10,700.00	45.30	359.59	10,544.81	6,858.01	-1,033.61	1,449.67	-1,036.69	-427.31	85.66	64.56	10.00	10.00	0.00	HS
	10,800.00	55.30	359.59	10,608.60	6,921.80	-956.76	1,526.51	-959.85	-427.86	100.00	63.79	10.00	10.00	0.00	HS
2nd BS SS□	10,849.53	60.26	359.59	10,635.00	6,948.20	-914.87	1,568.40	-917.96	-428.16	49.53	26.40	10.00	10.00	0.00	HS
	10,900.00	65.30	359.59	10,658.08	6,971.28	-870.00	1,613.27	-873.09	-428.48	50.47	23.08	10.00	10.00	0.00	HS
Build 5°/100ft	10,996.95	75.00	359.59	10,690.95	7,004.15	-778.92	1,704.35	-782.01	-429.14	96.95	32.88	10.00	10.00	0.00	HS
	11,000.00	75.15	359.59	10,691.74	7,004.94	-775.97	1,707.30	-779.07	-429.16	3.05	0.79	5.00	5.00	0.00	HS
	11,100.00	80.15	359.59	10,713.12	7,026.32	-678.32	1,804.96	-681.41	-429.86	100.00	21.38	5.00	5.00	0.00	HS
	11,200.00	85.15	359.59	10,725.90	7,039.10	-579.17	1,904.10	-582.27	-430.56	100.00	12.78	5.00	5.00	0.00	HS
Landing Point	11,296.95	90.00	359.59	10,730.00	7,043.20	-482.34	2,000.94	-485.43	-431.26	96.95	4.10	5.00	5.00	0.00	HS
	11,300.00	90.00	359.59	10,730.00	7,043.20	-479.29	2,003.99	-482.39	-431.28	3.05	0.00	0.00	0.00	0.00	HS
Hold	11,396.95	90.00	359.59	10,730.00	7,043.20	-382.34	2,100.94	-385.44	-431.97	96.95	0.00	0.00	0.00	0.00	HS
	11,400.00	90.00	359.59	10,730.00	7,043.20	-379.29	2,103.99	-382.39	-432.00	3.05	0.00	0.00	0.00	0.00	HS
	11,500.00	90.00	359.59	10,730.00	7,043.20	-279.29	2,203.99	-282.39	-432.71	100.00	0.00	0.00	0.00	0.00	HS
	11,600.00	90.00	359.59	10,730.00	7,043.20	-179.29	2,303.99	-182.39	-433.43	100.00	0.00	0.00	0.00	0.00	HS
	11,700.00	90.00	359.59	10,730.00	7,043.20	-79.29	2,403.99	-82.40	-434.14	100.00	0.00	0.00	0.00	0.00	HS
	11,800.00	90.00	359.59	10,730.00	7,043.20	20.71	2,503.99	17.60	-434.86	100.00	0.00	0.00	0.00	0.00	HS
	11,900.00	90.00	359.59	10,730.00	7,043.20	120.71	2,603.99	117.60	-435.57	100.00	0.00	0.00	0.00	0.00	HS
	12,000.00	90.00	359.59	10,730.00	7,043.20	220.71	2,703.99	217.60	-436.29	100.00	0.00	0.00	0.00	0.00	HS
	12,100.00	90.00	359.59	10,730.00	7,043.20	320.71	2,803.99	317.59	-437.00	100.00	0.00	0.00	0.00	0.00	HS
	12,200.00	90.00	359.59	10,730.00	7,043.20	420.71	2,903.99	417.59	-437.72	100.00	0.00	0.00	0.00	0.00	HS
	12,300.00	90.00	359.59	10,730.00	7,043.20	520.71	3,003.99	517.59	-438.44	100.00	0.00	0.00	0.00	0.00	HS
	12,400.00	90.00	359.59	10,730.00	7,043.20	620.71	3,103.99	617.59	-439.15	100.00	0.00	0.00	0.00	0.00	HS
	12,500.00	90.00	359.59	10,730.00	7,043.20	720.71	3,203.99	717.58	-439.87	100.00	0.00	0.00	0.00	0.00	HS
	12,600.00	90.00	359.59	10,730.00	7,043.20	820.71	3,303.99	817.58	-440.58	100.00	0.00	0.00	0.00	0.00	HS
	12,700.00	90.00	359.59	10,730.00	7,043.20	920.71	3,403.99	917.58	-441.30	100.00	0.00	0.00	0.00	0.00	HS
	12,800.00	90.00	359.59	10,730.00	7,043.20	1,020.71	3,503.99	1,017.58	-442.01	100.00	0.00	0.00	0.00	0.00	HS
	12,900.00	90.00	359.59	10,730.00	7,043.20	1,120.71	3,603.99	1,117.57	-442.73	100.00	0.00	0.00	0.00	0.00	HS
	13,000.00	90.00	359.59	10,730.00	7,043.20	1,220.71	3,703.99	1,217.57	-443.44	100.00	0.00	0.00	0.00	0.00	HS
	13,100.00	90.00	359.59	10,730.00	7,043.20	1,320.71	3,803.99	1,317.57	-444.16	100.00	0.00	0.00	0.00	0.00	HS
	13,200.00	90.00	359.59	10,730.00	7,043.20	1,420.71	3,903.99	1,417.57	-444.88	100.00	0.00	0.00	0.00	0.00	HS
	13,300.00	90.00	359.59	10,730.00	7,043.20	1,520.71	4,003.99	1,517.56	-445.59	100.00	0.00	0.00	0.00	0.00	HS
	13,400.00	90.00	359.59	10,730.00	7,043.20	1,620.71	4,103.99	1,617.56	-446.31	100.00	0.00	0.00	0.00	0.00	HS
	13,500.00	90.00	359.59	10,730.00	7,043.20	1,720.71	4,203.99	1,717.56	-447.02	100.00	0.00	0.00	0.00	0.00	HS
	13,600.00	90.00	359.59	10,730.00	7,043.20	1,820.71	4,303.99	1,817.56	-447.74	100.00	0.00	0.00	0.00	0.00	HS
	13,700.00	90.00	359.59	10,730.00	7,043.20	1,920.71	4,403.99	1,917.55	-448.45	100.00	0.00	0.00	0.00	0.00	HS
	13,800.00	90.00	359.59	10,730.00	7,043.20	2,020.71	4,503.99	2,017.55	-449.17	100.00	0.00	0.00	0.00	0.00	HS
	13,900.00	90.00	359.59	10,730.00	7,043.20	2,120.71	4,603.99	2,117.55	-449.88	100.00	0.00	0.00	0.00	0.00	HS
	14,000.00	90.00	359.59	10,730.00	7,043.20	2,220.71	4,703.99	2,217.55	-450.60	100.00	0.00	0.00	0.00	0.00	HS
	14,100.00	90.00	359.59	10,730.00	7,043.20	2,320.71	4,803.99	2,317.54	-451.32	100.00	0.00	0.00	0.00	0.00	HS
	14,200.00	90.00	359.59	10,730.00	7,043.20	2,420.71	4,903.99	2,417.54	-452.03	100.00	0.00	0.00	0.00	0.00	HS
	14,300.00	90.00	359.59	10,730.00	7,043.20	2,520.71	5,003.99	2,517.54	-452.75	100.00	0.00	0.00	0.00	0.00	HS
	14,400.00	90.00	359.59	10,730.00	7,043.20	2,620.71	5,103.99	2,617.53	-453.46	100.00	0.00	0.00	0.00	0.00	HS
	14,500.00	90.00	359.59	10,730.00	7,043.20	2,720.71	5,203.99	2,717.53	-454.18	100.00	0.00	0.00	0.00	0.00	HS
	14,600.00	90.00	359.59	10,730.00	7,043.20	2,820.71	5,303.99	2,817.53	-454.89	100.00	0.00	0.00	0.00	0.00	HS
	14,700.00	90.00	359.59	10,730.00	7,043.20	2,920.71	5,403.99	2,917.53	-455.61	100.00	0.00	0.00	0.00	0.00	HS
	14,800.00	90.00	359.59	10,730.00	7,043.20	3,020.71	5,503.99	3,017.52	-456.32	100.00	0.00	0.00	0.00	0.00	HS
	14,900.00	90.00	359.59	10,730.00	7,043.20	3,120.71	5,603.99	3,117.52	-457.04	100.00	0.00	0.00	0.00	0.00	HS
	15,000.00	90.00	359.59	10,730.00	7,043.20	3,220.71	5,703.99	3,217.52	-457.76	100.00	0.00	0.00	0.00	0.00	HS
	15,100.00	90.00	359.59	10,730.00	7,043.20	3,320.71	5,803.99	3,317.52	-458.47	100.00	0.00	0.00	0.00	0.00	HS
Turn 2°/100ft	15,186.95	90.00	359.59	10,730.00	7,043.20	3,407.66	5,890.94	3,404.47	-459.09	86.95	0.00	0.00	0.00	0.00	90L
	15,200.00	90.00	359.33	10,730.00	7,043.20	3,420.71	5,903.99	3,417.51	-459.22	13.05	0.00	2.00	0.00	-2.00	90L
	15,300.00	90.00	357.33	10,730.00	7,043.20	3,520.68	6,003.99	3,517.47	-462.13	100.00	0.00	2.00	0.00	-2.00	90L
	15,400.00	90.00	355.33	10,730.00	7,043.20	3,620.52	6,103.99	3,617.26	-468.53	100.00	0.00	2.00	0.00	-2.00	90L
Hold	15,486.95	90.00	353.59	10,730.00	7,043.20	3,707.12	6,190.94	3,703.80	-476.93	86.95	0.00	2.00	0.00	-2.00	HS
	15,500.00	90.00	353.59	10,730.00	7,043.20	3,720.09	6,203.99	3,716.77	-478.39	13.05	0.00	0.00	0.00	0.00	HS
	15,600.00	90.00	353.59	10,730.00	7,043.20	3,819.55	6,303.99	3,816.14	-489.55	100.00	0.00	0.00	0.00	0.00	HS
	15,700.00	90.00	353.59	10,730.00	7,043.20	3,919.00	6,403.99	3,915.51	-500.71	100.00	0.00	0.00	0.00	0.00	HS
Section 36-25 Line Cross	15,758.00	90.00	353.59	10,730.00	7,043.20	3,976.68	6,461.99	3,973.15	-507.19	58.00	0.00	0.00	0.00	0.00	HS
	15,800.00	90.00	353.59	10,730.00	7,043.20	4,018.45	6,503.99	4,014.89	-511.88	42.00	0.00	0.00	0.00	0.00	HS
Turn 2°/100ft	15,856.95	90.00	353.59	10,730.00	7,043.20	4,075.09	6,560.94	4,071.48	-518.24	56.95	0.00	0.00	0.00	0.00	90R
	15,900.00	90.00	354.45	10,730.00	7,043.20	4,117.93	6,603.99	4,114.30	-522.72	43.05	0.00	2.00	0.00	2.00	90R
	16,000.00	90.00	356.45	10,730.00	7,043.20	4,217.67	6,703.99	4,213.98	-530.65	100.00	0.00	2.00	0.00	2.00	90R
	16,100.00	90.00	358.45	10,730.00	7,043.20	4,317.59	6,803.99	4,313.88	-535.10	100.00	0.00	2.00	0.00	2.00	90R
Hold	16,156.95	90.00	359.59	10,730.00	7,043.20	4,374.54	6,860.94	4,370.82	-536.07	56.95	0.00	2.00	0.00	2.00	HS
	16,200.00	90.00	359.59	10,730.00	7,043.20	4,417.59	6,903.99	4,413.86	-536.38	43.05	0.00	0.00	0.00	0.00	HS
Turn 2°/100ft	16,256.95	90.00	359.59	10,730.00	7,043.20	4,474.54	6,960.94	4,470.81	-536.79	56.95	0.00	0.00	0.00	0.00	90R
	16,300.00	90.00	0.45	10,730.00	7,043.20	4,517.59	7,003.99	4,513.86	-536.77	43.05	0.00	2.00	0.00	2.00	90R
	16,400.00	90.00	2.45	10,730.00	7,043.20	4,617.53	7,103.99	4,613.83	-534.24	100.00	0.00	2.00	0.00	2.00	90R
	16,500.00	90.00	4.45	10,730.00	7,043.20	4,717.30	7,203.99	4,713.64	-528.22	100.00	0.00	2.00	0.00	2.00	90R
Hold	16,556.95	90.00	5.59	10,730.00	7,043.20	4,773.99	7,260.94	4,770.37	-523.24	56.95	0.00	2.00	0.00	2.00	HS
	16,600.00	90.00	5.59	10,730.00	7,043.20	4,816.81	7,303.99	4,813.22	-519.05	43.05	0.00	0.00	0.00	0.00	HS
	16,700.00	90.00	5.59	10,730.00	7,043.20	4,916.26	7,403.99	4,912.74	-509.30	100.00	0.00	0.00	0.00	0.00	HS
	16,800.00	90.00	5.59	10,730.00	7,043.20	5,015.71	7,503.99	5,012.26	-499.56	100.00	0.00	0.00	0.00	0.00	HS
	16,900.00	90.00	5.59	10,730.00	7,043.20	5,115.16	7,603.99	5,111.79	-489.82	100.00	0.00	0.00	0.00	0.00	HS
Turn 2°/100ft	16,931.95	90.00	5.59	10,730.00	7,043.20	5,146.94	7,635.94	5,143.59	-486.71	31.95	0.00	0.00	0.00	0.00	90L
	17,000.00	90.00	4.23	10,730.00	7,043.20	5,214.69	7,703.99	5,211.39	-480.89	68.05	0.00	2.00	0.00	-2.00	90L
	17,100.00	90.00	2.23	10,730.00	7,043.20	5,314.49	7,803.99	5,311.22	-475.25	100.00	0.00	2.00	0.00	-2.00	90L
	17,200.00	90.00	0.23	10,730.00	7,043.20	5,414.44	7,903.99	5,411.19	-473.11	100.00	0.00	2.00	0.00	-2.00	90L
Hold	17,231.83	90.00	359.59	10,730.00	7,043.20	5,446.27	7,935.82	5,443.02	-473.16	31.83	0.00	2.00	0.00	-2.00	HS
	17,300.00	90.00	359.59	10,730.00	7,043.20	5,514.44	8,003.99	5,511.19	-473.64	68.17	0.00	0.00	0.00	0.00	HS
	17,400.00	90.00	359.59	10,730.00	7,043.20	5,614.44	8,103.99	5,611.19	-474.35	100.00	0.00	0.00	0.00	0.00	HS
	17,500.00	90.00	359.59	10,730.00	7,043.20	5,714.44	8,203.99	5,711.19	-475.07	100.00	0.00	0.00	0.00	0.00	HS
	17,600.00	90.00	359.59	10,730.00	7,043.20	5,814.44	8,303.99	5,811.18	-475.78	100.00	0.00	0.00	0.00	0.00	HS
	17,700.00	90.00	359.59	10,730.00	7,043.20	5,914.44	8,403.99	5,911.18	-476.49	100.00	0.00	0.00	0.00	0.00	HS
	17,800.00	90.00	359.59	10,730.00	7,043.20	6,014.44	8,503.99	6,011.18	-477.20	100.00	0.00	0.00	0.00	0.00	HS
	17,900.00	90.00	359.59	10,730.00	7,043.20	6,114.44	8,603.99	6,111.18	-477.91	100.00	0.00	0.00	0.00	0.00	HS
	18,000.00	90.00	359.59	10,730.00	7,043.20	6,214.44	8,703.99	6,211.17	-478.62	100.00	0.00	0.00	0.00	0.00	HS
	18,100.00	90.00	359.59	10,730.00	7,043.20	6,314.44	8,803.99	6,311.17	-479.33	100.00	0.00	0.00	0.00	0.00	HS
	18,200.00	90.00	359.59	10,730.00	7,043.20	6,414.44	8,903.99	6,411.17	-480.05	100.00	0.00	0.00	0.00	0.00	HS
	18,300.00	90.00	359.59	10,730.00	7,043.20	6,514.44	9,003.99	6,511.17	-480.76	100.00	0.00	0.00	0.00	0.00	HS
	18,400.00	90.00	359.59	10,730.00	7,043.20	6,614.44	9,103.99	6,611.16	-481.47	100.00	0.00	0.00	0.00	0.00	HS
	18,500.00	90.00	359.59	10,730.00	7,043.20	6,714.44	9,203.99	6,711.16	-482.18	100.00	0.00	0.00	0.00	0.00	HS
	18,600.00	90.00	359.59	10,730.00	7,043.20	6,814.44	9,303.99	6,811.16	-482.89	100.00	0.00	0.00	0.00	0.00	HS
	18,700.00	90.00	359.59	10,730.00	7,043.20	6,914.44	9,403.99	6,911.16	-483.60	100.00	0.00	0.00	0.00	0.00	HS
	18,800.00	90.00	359.59	10,730.00	7,043.20	7,014.44	9,503.99	7,011.15	-484.31	100.00	0.00	0.00	0.00	0.00	HS
	18,900.00	90.00	359.59	10,730.00	7,043.20	7,114.44	9,603.99	7,111.15	-485.02	100.00	0.00	0.00	0.00	0.00	HS
	19,000.00	90.00	359.59	10,730.00	7,043.20	7,214.44	9,703.99	7,211.15	-485.74	100.00	0.00	0.00	0.00	0.00	HS
	19,100.00	90.00	359.59	10,730.00	7,043.20	7,314.44	9,803.99	7,311.15	-486.45	100.00	0.00	0.00	0.00	0.00	HS
	19,200.00	90.00	359.59	10,730.00	7,043.20	7,414.44	9,903.99	7,411.14	-487.16	100.00	0.00	0.00	0.00	0.00	HS
	19,300.00	90.00	359.59	10,730.00	7,043.20	7,514.44	10,003.99	7,511.14	-487.87	100.00	0.00	0.00	0.00	0.00	HS
	19,400.00	90.00	359.59	10,730.00	7,043.20	7,614.44	10,103.99	7,611.14	-488.58	100.00	0.00	0.00	0.00	0.00	HS
	19,500.00	90.00	359.59	10,730.00	7,043.20	7,714.44	10,203.99	7,711.14	-489.29	100.00	0.00	0.00	0.00	0.00	HS
	19,600.00	90.00	359.59	10,730.00	7,043.20	7,814.44	10,303.99	7,811.13	-490.00	100.00	0.00	0.00	0.00	0.00	HS
	19,700.00	90.00	359.59	10,730.00	7,043.20	7,914.44	10,403.99	7,911.13	-490.71	100.00	0.00	0.00	0.00	0.00	HS
Pool NMLC0063228 exit to NMN	19,728.00	90.00	359.59	10,730.00	7,043.20	7,942.44	10,431.99	7,939.13	-490.91	28.00	0.00	0.00	0.00	0.00	HS
	19,800.00	90.00	359.59	10,730.00	7,043.20	8,014.44	10,503.99	8,011.13	-491.43	72.00	0.00	0.00	0.00	0.00	HS
	19,900.00	90.00	359.59	10,730.00	7,043.20	8,114.44	10,603.99	8,111.13	-492.14	100.00	0.00	0.00	0.00	0.00	HS
	20,000.00	90.00	359.59	10,730.00	7,043.20	8,214.44	10,703.99	8,211.12	-492.85	100.00	0.00	0.00	0.00	0.00	HS
	20,100.00	90.00	359.59	10,730.00	7,043.20	8,314.44	10,803.99	8,311.12	-493.56	100.00	0.00	0.00	0.00	0.00	HS
	20,200.00	90.00	359.59	10,730.00	7,043.20	8,414.44	10,903.99	8,411.12	-494.27	100.00	0.00	0.00	0.00	0.00	HS
	20,300.00	90.00	359.59	10,730.00	7,043.20	8,514.44	11,003.99	8,511.12	-494.98	100.00	0.00	0.00	0.00	0.00	HS
	20,400.00	90.00	359.59	10,730.00	7,043.20	8,614.44	11,103.99	8,611.11	-495.69	100.00	0.00	0.00	0.00	0.00	HS
	20,500.00	90.00	359.59	10,730.00	7,043.20	8,714.44	11,203.99	8,711.11	-496.40	100.00	0.00	0.00	0.00	0.00	HS
	20,600.00	90.00	359.59	10,730.00	7,043.20	8,814.44	11,303.99	8,811.11	-497.12	100.00	0.00	0.00	0.00	0.00	HS
	20,700.00	90.00	359.59	10,730.00	7,043.20	8,914.44	11,403.99	8,911.11	-497.83	100.00	0.00	0.00	0.00	0.00	HS
	20,800.00	90.00	359.59	10,730.00	7,043.20	9,014.44	11,503.99	9,011.10	-498.54	100.00	0.00	0.00	0.00	0.00	HS
	20,900.00	90.00	359.59	10,730.00	7,043.20	9,114.44	11,603.99	9,111.10	-499.25	100.00	0.00	0.00	0.00	0.00	HS
Triste Draw 36-25 Federal Com 2	20,947.83	90.00	359.59	10,730.00	7,043.20	9,162.26	11,651.81	9,158.92	-499.59	47.83	0.00	0.00	0.00	0.00	

MD (ft)	MTF (°)	TF (°)	Northing (ftUS)	Easting (ftUS)	Latitude (° ' ")	Longitude (° ' ")	Latitude (°)	Longitude (°)	Closure (ft)	Closure Azimuth (°)	Directional Difficulty Index	Tortuosity (°)	ERD Ratio	Exclusion Zone Alert	GeoMag Th (nT)	Exclusion Zone Angle (°)	Exclusion Zone Tolerance (nT)	Alert Zone Tolerance (nT)
10,246.95	359.59	359.59M	456,926.13	758,488.42	32°15'15.164290"N	103°37'51.175605"W	32.25421230	-103.63088211	1,279.69	199.45	4.41	20.00	0.13		23,780.40	30.25	4,000.00	6,000.00
10,300.00	359.59	359.59M	456,928.58	758,488.40	32°15'15.188574"N	103°37'51.175623"W	32.25421905	-103.63088212	1,277.38	199.49	4.52	25.31	0.13		19,935.97	24.99	4,000.00	6,000.00
10,400.00	359.59	HS	456,946.45	758,488.27	32°15'15.365360"N	103°37'51.175750"W	32.25426816	-103.63088215	1,260.60	199.76	4.67	35.31	0.13		12,308.52	15.12	4,000.00	6,000.00
10,481.80	359.59	HS	456,973.59	758,488.08	32°15'15.633933"N	103°37'51.175944"W	32.25434276	-103.63088221	1,235.15	200.20	4.77	43.49	0.13	Enter Alert	5,999.98	7.30	4,000.00	6,000.00
10,500.00	359.59	HS	456,981.10	758,488.03	32°15'15.708300"N	103°37'51.175998"W	32.25436342	-103.63088222	1,228.12	200.32	4.79	45.31	0.13	Alert	4,692.17	5.71	4,000.00	6,000.00
10,510.41	359.59	HS	456,985.64	758,487.99	32°15'15.753177"N	103°37'51.176030"W	32.25437588	-103.63088223	1,223.88	200.40	4.80	46.35	0.13	Enter Fail	3,999.97	4.86	4,000.00	6,000.00
10,585.74	359.59	HS	457,023.40	758,487.72	32°15'16.126845"N	103°37'51.176299"W	32.25447968	-103.63088231	1,188.66	201.04	4.88	53.88	0.13	Exit Fail	4,000.01	4.86	4,000.00	6,000.00
10,600.00	359.59	HS	457,031.50	758,487.67	32°15'16.206975"N	103°37'51.176357"W	32.25450194	-103.63088232	1,181.12	201.19	4.89	55.31	0.13	Alert	4,960.95	6.03	4,000.00	6,000.00
10,614.34	359.59	HS	457,039.93	758,487.61	32°15'16.290443"N	103°37'51.176417"W	32.25452512	-103.63088234	1,173.28	201.34	4.90	56.74	0.13	Exit Alert	6,000.03	7.30	4,000.00	6,000.00
10,700.00	359.59	HS	457,096.10	758,487.20	32°15'16.846233"N	103°37'51.176818"W	32.25467951	-103.63088245	1,121.31	202.40	4.98	65.31	0.14		12,608.34	15.49	4,000.00	6,000.00
10,800.00	359.59	HS	457,172.94	758,486.65	32°15'17.606650"N	103°37'51.177366"W	32.25489074	-103.63088260	1,050.89	204.03	5.07	75.31	0.14		20,220.99	25.37	4,000.00	6,000.00
10,849.53	359.59	HS	457,214.83	758,486.35	32°15'18.021148"N	103°37'51.177665"W	32.25500587	-103.63088268	1,012.90	205.01	5.11	80.26	0.15		23,803.98	30.29	4,000.00	6,000.00
10,900.00	359.59	HS	457,259.69	758,486.03	32°15'18.465121"N	103°37'51.177985"W	32.25512920	-103.63088277	972.57	206.14	5.15	85.31	0.15		27,280.43	35.31	4,000.00	6,000.00
10,996.95	359.59	HS	457,350.77	758,485.38	32°15'19.366396"N	103°37'51.178635"W	32.25537955	-103.63088295	892.02	208.76	5.22	95.00	0.16		33,357.20	44.97	4,000.00	6,000.00
11,000.00	359.59	HS	457,353.71	758,485.36	32°15'19.395552"N	103°37'51.178656"W	32.25538765	-103.63088296	889.45	208.85	5.22	95.16	0.16		33,445.68	45.12	4,000.00	6,000.00
11,100.00	359.59	HS	457,451.36	758,484.66	32°15'20.361866"N	103°37'51.179352"W	32.25565607	-103.63088315	805.67	212.24	5.27	100.16	0.17		36,213.95	50.11	4,000.00	6,000.00
11,200.00	359.59	HS	457,550.51	758,483.95	32°15'21.342939"N	103°37'51.180059"W	32.25592859	-103.63088335	724.17	216.48	5.32	105.16	0.18		38,708.91	55.10	4,000.00	6,000.00
11,296.95	359.59	HS	457,647.33	758,483.26	32°15'22.301131"N	103°37'51.180750"W	32.25619476	-103.63088354	649.33	221.62	5.37	110.00	0.19		40,848.50	59.94	4,000.00	6,000.00
11,300.00	359.59	HS	457,650.38	758,483.24	32°15'22.331304"N	103°37'51.180771"W	32.25620314	-103.63088355	647.07	221.80	5.37	110.00	0.19		40,848.50	59.94	4,000.00	6,000.00
11,396.95	359.59	HS	457,747.33	758,482.54	32°15'23.290640"N	103°37'51.181463"W	32.25646962	-103.63088374	578.93	228.26	5.39	110.00	0.20		40,848.50	59.94	4,000.00	6,000.00
11,400.00	359.59	HS	457,750.38	758,482.52	32°15'23.320814"N	103°37'51.181485"W	32.25647800	-103.63088375	576.92	228.49	5.39	110.00	0.20		40,848.50	59.94	4,000.00	6,000.00
11,500.00	359.59	HS	457,850.37	758,481.81	32°15'24.310323"N	103°37'51.182197"W	32.25675287	-103.63088394	516.70	236.87	5.41	110.00	0.21		40,848.50	59.94	4,000.00	6,000.00
11,600.00	359.59	HS	457,950.36	758,481.09	32°15'25.299833"N	103°37'51.182910"W	32.25702773	-103.63088414	470.24	247.18	5.44	110.00	0.21		40,848.50	59.94	4,000.00	6,000.00
11,700.00	359.59	HS	458,050.36	758,480.38	32°15'26.289342"N	103°37'51.183623"W	32.25730260	-103.63088434	441.89	259.25	5.46	110.00	0.22		40,848.50	59.94	4,000.00	6,000.00
11,800.00	359.59	HS	458,150.35	758,479.66	32°15'27.278852"N	103°37'51.184336"W	32.25757746	-103.63088454	435.21	272.32	5.48	110.00	0.23		40,848.50	59.94	4,000.00	6,000.00
11,900.00	359.59	HS	458,250.34	758,478.94	32°15'28.268361"N	103°37'51.185049"W	32.25785232	-103.63088474	451.17	285.11	5.50	110.00	0.24		40,848.50	59.94	4,000.00	6,000.00
12,000.00	359.59	HS	458,350.34	758,478.23	32°15'29.257870"N	103°37'51.185762"W	32.25812719	-103.63088493	487.54	296.51	5.52	110.00	0.25		40,848.50	59.94	4,000.00	6,000.00
12,100.00	359.59	HS	458,450.33	758,477.51	32°15'30.247379"N	103°37'51.186474"W	32.25840205	-103.63088513	540.22	306.01	5.54	110.00	0.26		40,848.50	59.94	4,000.00	6,000.00
12,200.00	359.59	HS	458,550.33	758,476.80	32°15'31.236889"N	103°37'51.187187"W	32.25867691	-103.63088533	604.96	313.65	5.56	110.00	0.27		40,848.50	59.94	4,000.00	6,000.00
12,300.00	359.59	HS	458,650.32	758,476.08	32°15'32.226398"N	103°37'51.187899"W	32.25895178	-103.63088553	678.32	319.73	5.58	110.00	0.28		40,848.50	59.94	4,000.00	6,000.00
12,400.00	359.59	HS	458,750.31	758,475.37	32°15'33.215907"N	103°37'51.188612"W	32.25922664	-103.63088573	757.80	324.58	5.60	110.00	0.29		40,848.50	59.94	4,000.00	6,000.00
12,500.00	359.59	HS	458,850.31	758,474.65	32°15'34.205416"N	103°37'51.189324"W	32.25950150	-103.63088592	841.67	328.49	5.61	110.00	0.30		40,848.50	59.94	4,000.00	6,000.00
12,600.00	359.59	HS	458,950.30	758,473.94	32°15'35.194925"N	103°37'51.190037"W	32.25977637	-103.63088612	928.74	331.68	5.63	110.00	0.31		40,848.50	59.94	4,000.00	6,000.00
12,700.00	359.59	HS	459,050.29	758,473.22	32°15'36.184434"N	103°37'51.190749"W	32.26005123	-103.63088632	1,018.18	334.32	5.65	110.00	0.32		40,848.50	59.94	4,000.00	6,000.00
12,800.00	359.59	HS	459,150.29	758,472.50	32°15'37.173943"N	103°37'51.191461"W	32.26032610	-103.63088652	1,109.43	336.52	5.66	110.00	0.33		40,848.50	59.94	4,000.00	6,000.00
12,900.00	359.59	HS	459,250.28	758,471.79	32°15'38.163452"N	103°37'51.192174"W	32.26060096	-103.63088671	1,202.07	338.39	5.68	110.00	0.34		40,848.50	59.94	4,000.00	6,000.00
13,000.00	359.59	HS	459,350.27	758,471.07	32°15'39.152961"N	103°37'51.192886"W	32.26087582	-103.63088691	1,295.81	339.99	5.69	110.00	0.35		40,848.50	59.94	4,000.00	6,000.00
13,100.00	359.59	HS	459,450.27	758,470.36	32°15'40.142469"N	103°37'51.193598"W	32.26115069	-103.63088711	1,390.42	341.37	5.71	110.00	0.35		40,848.50	59.94	4,000.00	6,000.00
13,200.00	359.59	HS	459,550.26	758,469.64	32°15'41.131978"N	103°37'51.194310"W	32.26142555	-103.63088731	1,485.73	342.58	5.72	110.00	0.36		40,848.50	59.94	4,000.00	6,000.00
13,300.00	359.59	HS	459,650.25	758,468.93	32°15'42.121487"N	103°37'51.195022"W	32.26170041	-103.63088751	1,581.63	343.64	5.74	110.00	0.37		40,848.50	59.94	4,000.00	6,000.00
13,400.00	359.59	HS	459,750.25	758,468.21	32°15'43.110995"N	103°37'51.195734"W	32.26197528	-103.63088770	1,678.00	344.58	5.75	110.00	0.38		40,848.50	59.94	4,000.00	6,000.00
13,500.00	359.59	HS	459,850.24	758,467.50	32°15'44.100504"N	103°37'51.196446"W	32.26225014	-103.63088790	1,774.78	345.41	5.76	110.00	0.39		40,848.50	59.94	4,000.00	6,000.00
13,600.00	359.59	HS	459,950.24	758,466.78	32°15'45.090013"N	103°37'51.197158"W	32.26252500	-103.63088810	1,871.89	346.16	5.78	110.00	0.40		40,848.50	59.94	4,000.00	6,000.00
13,700.00	359.59	HS	460,050.23	758,466.06	32°15'46.079521"N	103°37'51.197869"W	32.26279987	-103.63088830	1,969.29	346.84	5.79	110.00	0.41		40,848.50	59.94	4,000.00	6,000.00
13,800.00	359.59	HS	460,150.22	758,465.35	32°15'47.069030"N	103°37'51.198581"W	32.26307473	-103.63088849	2,066.95	347.45	5.80	110.00	0.42		40,848.50	59.94	4,000.00	6,000.00
13,900.00	359.59	HS	460,250.22	758,464.63	32°15'48.058538"N	103°37'51.199293"W	32.26334959	-103.63088869	2,164.81	348.01	5.82	110.00	0.43		40,848.50	59.94	4,000.00	6,000.00
14,000.00	359.59	HS	460,350.21	758,463.92	32°15'49.048047"N	103°37'51.200005"W	32.26362446	-103.63088889	2,262.86	348.51	5.83	110.00	0.44		40,848.50	59.94	4,000.00	6,000.00
14,100.00	359.59	HS	460,450.20	758,463.20	32°15'50.037555"N	103°37'51.200716"W	32.26389932	-103.63088909	2,361.08	348.98	5.84	110.00	0.45		40,848.50	59.94	4,000.00	6,000.00
14,200.00	359.59	HS	460,550.20	758,462.49	32°15'51.027063"N	103°37'51.201428"W	32.26417418	-103.63088929	2,459.44	349.41	5.85	110.00	0.46		40,848.50	59.94	4,000.00	6,000.00
14,300.00	359.59	HS	460,650.19	758,461.77	32°15'52.016572"N	103°37'51.202139"W	32.26444905	-103.63088948	2,557.92	349.81	5.87	110.00	0.47		40,848.50	59.94	4,000.00	6,000.00
14,400.00	359.59	HS	460,750.18	758,461.06	32°15'53.006080"N	103°37'51.202851"W	32.26472391	-103.63088968	2,656.52	350.17	5.88	110.00	0.48		40,848.50	59.94	4,000.00	6,000.00
14,500.00	359.59	HS	460,850.18	758,460.34	32°15'53.995588"N	103°37'51.203562"W	32.26499877	-103.63088988	2,755.22	350.51	5.89	110.00	0.48		40,848.50	59.94	4,000.00	6,000.00
14,600.00	359.59	HS	460,950.17	758,459.62	32°15'54.985096"N	103°37'51.204273"W	32.26527364	-103.63089008	2,854.02	350.83	5.90	110.00	0.49		40,848.50	59.94	4,000.00	6,000.00
14,700.00	359.59	HS	461,050.16	758,458.91	32°15'55.974604"N	103°37'51.204984"W	32.26554850	-103.63089027	2,952.89	351.12	5.91	110.00	0.50		40,848.50	59.94	4,000.00	6,000.00
14,800.00	359.59	HS	461,150.16	758,458.19	32°15'56.964112"N	103°37'51.205696"W	32.26582336	-103.63089047	3,051.83	351.40	5.92	110.00	0.51		40,848.50	59.94	4,000.00	6,000.00
14,900.00	359.59	HS	461,250.15	758,457.48	32°15'57.953620"N	103°37'51.206407"W	32.26609823	-103.63089067	3,150.85	351.66	5.93	110.00	0.52		40,848.50	59.94	4,000.00	6,000.00
15,000.00	359.59	HS	461,350.15	758,456.76	32°15'58.943128"N	103°37'51.207118"W	32.26637309	-103.63089087	3,249.92	351.90	5.94	110.00	0.53		40,848.50	59.94	4,000.00	6,000.00
15,100.00	359.59	HS	461,450.14	758,456.05	32°15'59.932636"N	103°37'51.207829"W	32.26664795	-103.63089106	3,349.05	352.13	5.95	110.00	0.54		40,848.50	59.94	4,000.00	6,000.00
15,186.95	359.33	90L	461,537.08	758,455.42	32°16'0.793020"N	103°37'51.208447"W	32.26688695	-103.63089124	3,435.28	352.32	5.96	110.00	0.55		40,848.50	59.94	4,000.00	6,000.00
15,200.00	357.33	90L	461,550.13	758,455.30	32°16'0.922144"N	103°37'51.208886"W	32.26692282	-103.63089136	3,448.23	352.35	5.96	110.26	0.55		40,855.32	59.95	4,000.00	6,000.00
15,300.00	355.33	90L	461,650.08	758,452.39	32°16'1.911348"N	103°37'51.235225"W	32.26719760	-103.63089867	3,547.69	352.52	5.98	112.26	0.56		40,916.77	60.10	4,000.00	6,000.00
15,400.00	353.59	90L	461,749.87	758,445.98	32°16'2.899169"N	103°37'51.302180"W	32.26747199	-103.63091727	3,647.47	352.62	6.00	114.26	0.57		40,994.23	60.29	4,000.00	6,000.00
15,486.95	353.59	HS	461,836.40	758,437.59	32°16'3.756026"N	103°37'51.393348"W	32.26771001	-103.63094260	3,734.38	352.66	6.02	116.00	0.58		41,074.22	60.49	4,000.00	6,000.00
15,500.00	353.59	HS	461,849.37	758,436.13	32°16'3.884435"N	103°37'51.409326"W	32.26774568	-103.63094703	3,747.43	352.67	6.02	116.00	0.58		41,074.22	60.49	4,000.00	6,000.00
15,600.00	353.59	HS	461,948.74	758,424.97	32°16'4.868459"N	103°37'51.531770"W	32.26801902	-103.63098105	3,847.41	352.69	6.03	116.00	0.59		41,074.22	60.49	4,000.00	6,000.00
15,700.00	353.59	HS	462,048.11	758,413.80	32°16'5.852482"N	103°37'51.654215"W	32.26829236	-103.63101506	3,947.40	352.71	6.04	116.00	0.60		41,074.22	60.49	4,000.00	6,000.00
15,758.00	353.59	HS	462,105.75	758,407.33	32°16'6.423216"N	103°37'51.725233"W	32.26845089	-103.63103479	4,005.39	352.73	6.04	116.00	0.60		41,074.22	60.49	4,000.00	6,000.00
15,800.00	353.59	HS	462,147.48	758,402.64	32°16'6.836506"N	103°37'51.776660"W	32.26856570	-103.63104907	4,047.39	352.73	6.05	116.00	0.61		41,074.22	60.49	4,000.00	6,000.00
15,856.95	354.45	90R	462,204.08	758,396.28	32°16'7.396914"N	103°37'51.846394"W	32.26872137	-103.63106844	4,104.33	352.75	6.05	116.00	0.61		41,074.22	60.49	4,000.00	6,000.00
15,900.00	356.45	90R	462,246.89	758,391.80	32°16'7.820851"N	103°37'51.895359"W	32.26883913	-103.63108204	4,147.37	352.76	6.06	116.86	0.62		41,033.17	60.39	4,000.00	6,000.00
16,000.00	358.45	90R	462,346.57	758,383.87	32°16'8.807684"N	103°37'51.980125"W	32.26911325	-103.63110559	4,247.26	352.82	6.07	118.86	0.62		40,948.83	60.18	4,000.00	6,000.00
16,100.00	359.59	90R	462,446.46	758,379.42	32°16'9.796429"N	103°37'52.024304"W	32.26938790	-103.63111786	4,346.94	352.93	6.09	120.86	0.63		40,880.30	60.01	4,000.00	6,000.00
16,156.95	359.59	HS	462,503.40	758,378.45	32°16'10.359919"N	103°37'52.031303"W	32.26954442	-103.63111981	4,403.57	353.01	6.10	122.00	0.64		40,848.50	59.94	4,000.00	6,000.00
16,200.00	359.59	HS	462,546.44	758,378.14	32°16'10.785896"N	103°37'52.031610"W	32.26966275	-103.63111989	4,446.34	353.07	6.10	122.00	0.64		40,848.50	59.94	4,000.00	6,000.00
16,256.95	0.45	90R	462,603.39	758,377.73	32°16'11.349427"N	103°37'52.032016"W	32.26981929	-103.63112000	4,502.92	353.15	6.11	122.00	0.65		40,848.50	59.94	4,000.00	6,000.00
16,300.00	2.45	90R	462,646.44	758,377.75	32°16'11.775389"N	103°37'52.028556"W	32.26993761	-103.63111904	4,545.67	353.22	6.12	122.86	0.65		40,828.00	59.89	4,000.00	6,000.00
16,400.00	4.45	90R	462,746.40	758,380.28	32°16'12.764344"N	103°37'51.991448"W	32.27021232	-103.63110874	4,644.65	353.40	6.13	124.86	0.66		40,792.23	59.80	4,000.00	6,000.00
16,500.00	5.59	90R	462,846.21	758,386.30	32°16'13.751596"N	103°37'51.913740"W	32.27048655	-103.63108715	4,743.14	353.61	6.15	126.86	0.67		40,773.21	59.75	4,000.00	6,000.00
16,556.95	5.59	HS	462,902.94	758,391.28	32°16'14.312621"N	103°37'51.851373"W	32.27064239	-103.63106983	4,798.98	353.74	6.16	128.00	0.68		40,769.92	59.75	4,000.00	6,000.00
16,600.00	5.59	HS	462,945.78	758,395.47	32°16'14.736291"N	103°37'51.799269"W	32.27076008	-103.63105535	4,841.12	353.85	6.16	128.00	0.68		40,769.92	59.75	4,000.00	6,000.00
16,700.00	5.59	HS	463,045.30	758,405.22	32°16'15.720441"N	103°37'51.678237"W	32.27103346	-103.63102173	4,939.07	354.08	6.17	128.00	0.69		40,769.92	59.75	4,000.00	6,000.00
16,800.00	5.59	HS	463,144.82	758,414.96	32°16'16.704591"N	103°37'51.557203"W	32.27130683	-103.63098811	5,037.10	354.31	6.18	128.00	0.70		40,769.92	59.75	4,000.00	6,000.00
16,900.00	5.59	HS	463,244.34	758,424.70	32°16'17.688741"N	103°37'51.436169"W	32.27158021	-103.63095449	5,135.20	354.53	6.19	128.00	0.71		40,769.92	59.75	4,000.00	6,000.00
16,931.95	4.23	90L	463,276.14	758,427.81	32°16'18.003183"N	103°37'51.397497"W	32.27166755	-103.63094375	5,166.56	354.59	6.19	128.00	0.71		40,769.92	59.75	4,000.00	6,000.00
17,000.00	2.23	90L	463,343.93	758,433.63	32°16'18.673659"N	103°37'51.324503"W	32.27185379	-103.63092347	5,233.53	354.73	6.20	129.36	0.72		40,774.49	59.76	4,000.00	6,000.00
17,100.00	0.23	90L	463,443.77	758,439.26	32°16'19.661159"N	103°37'51.251293"W	32.27212810	-103.63090314	5,332.44	354.89	6.21	131.36	0.73		40,795.38	59.81	4,000.00	6,000.00
17,200.00	359.59	90L	463,543.73	758,441.41	32°16'20.650228"N	103°37'51.218692"W	32.27240284	-103.63089408	5,431.84	355.00	6.23	133.36	0.74		40,833.00	59.90	4,000.00	6,000.00
17,231.83	359.59	HS	463,575.56	758,441.36	32°16'20.965153"N	103°37'51.216843"W	32.27249032	-103.63089357	5,463.55	355.03	6.23	134.00	0.74		40,848.45	59.94	4,000.00	6,000.00
17,300.00	359.59	HS	463,643.73	758,440.87	32°16'21.639729"N	103°37'51.217293"W	32.27267770	-103.63089369	5,531.51	355.09	6.24	134.00	0.75		40,848.45	59.94	4,000.00	6,000.00
17,400.00	359.59	HS	463,743.72	758,440.16	32°16'22.629236"N	103°37'51.217952"W	32.27295257	-103.63089388	5,631.20	355.17	6.25	134.00	0.76		40,848.45	59.94	4,000.00	6,000.00
17,500.00	359.59	HS	463,843.72	758,439.45	32°16'23.618743"N	103°37'51.218612"W	32.27322743	-103.63089406	5,730.91	355.24	6.25	134.00	0.76		40,848.45	59.94	4,000.00	6,000.00
17,600.00	359.59	HS	463,943.71	758,438.74	32°16'24.608250"N	103°37'51.219271"W	32.27350229	-103.63089424	5,830.63	355.32	6.26	134.00	0.77		40,848.45	59.94	4,000.00	6,000.00
17,700.00	359.59	HS	464,043.70	758,438.03	32°16'25.597757"N	103°37'51.219930"W	32.27377715	-103.63089443	5,930.35	355.39	6.27	134.00	0.78		40,848.45	59.94	4,000.00	6,000.00
17,800.00	359.59	HS	464,143.70	758,437.32	32°16'26.587264"N	103°37'51.220590"W	32.27405202	-103.63089461	6,030.09	355.46	6.28	134.00	0.79		40,848.45	59.94	4,000.00	6,000.00
17,900.00	359.59	HS	464,243.69	758,436.61	32°16'27.576771"N	103°37'51.221249"W	32.27432688	-103.63089479	6,129.83	355.53	6.28	134.00	0.80		40,848.45	59.94	4,000.00	6,000.00
18,000.00	359.59	HS	464,343.68	758,435.90	32°16'28.566277"N	103°37'51.221908"W	32.27460174	-103.63089497	6,229.59	355.59	6.29	134.00	0.81		40,848.45	59.94	4,000.00	6,000.00
18,100.00	359.59	HS	464,443.68	758,435.18	32°16'29.555784"N	103°37'51.222567"W	32.27487661	-103.63089516	6,329.35	355.66	6.30	134.00	0.82		40,848.45	59.94	4,000.00	6,000.00
18,200.00	359.59	HS	464,543.67	758,434.47	32°16'30.545291"N	103°37'51.223226"W	32.27515147	-103.63089534	6,429.12	355.72	6.31	134.00	0.83		40,848.45	59.94	4,000.00	6,000.00
18,300.00	359.59	HS	464,643.66	758,433.76	32°16'31.534797"N	103°37'51.223885"W	32.27542633	-103.63089552	6,528.89	355.78	6.31	134.00	0.84		40,848.45	59.94	4,000.00	6,000.00
18,400.00	359.59	HS	464,743.66	758,433.05	32°16'32.524304"N	103°37'51.224544"W	32.27570120	-103.63089571	6,628.67	355.83	6.32	134.00	0.85		40,848.45	59.94	4,000.00	6,000.00
18,500.00	359.59	HS	464,843.65	758,432.34	32°16'33.513811"N	103°37'51.225203"W	32.27597606	-103.63089589	6,728.46	355.89	6.33	134.00	0.86		40,848.45	59.94	4,000.00	6,000.00
18,600.00	359.59	HS	464,943.64	758,431.63	32°16'34.503317"N	103°37'51.225862"W	32.27625092	-103.63089607	6,828.25	355.94	6.33	134.00	0.87		40,848.45	59.94	4,000.00	6,000.00
18,700.00	359.59	HS	465,043.64	758,430.92	32°16'35.492823"N	103°37'51.226521"W	32.27652578	-103.63089626	6,928.06	356.00	6.34	134.00	0.88		40,848.45	59.94	4,000.00	6,000.00
18,800.00	359.59	HS	465,143.63	758,430.21	32°16'36.482330"N	103°37'51.227180"W	32.27680065	-103.63089644	7,027.86	356.05	6.35	134.00	0.89		40,848.45	59.94	4,000.00	6,000.00
18,900.00	359.59	HS	465,243.63	758,429.49	32°16'37.471836"N	103°37'51.227839"W	32.27707551	-103.63089662	7,127.67	356.10	6.36	134.00	0.90		40,848.45	59.94	4,000.00	6,000.00
19,000.00	359.59	HS	465,343.62	758,428.78	32°16'38.461342"N	103°37'51.228497"W	32.27735037	-103.63089680	7,227.49	356.15	6.36	134.00	0.90		40,848.45	59.94	4,000.00	6,000.00
19,100.00	359.59	HS	465,443.61	758,428.07	32°16'39.450849"N	103°37'51.229156"W	32.27762524	-103.63089699	7,327.31	356.19	6.37	134.00	0.91		40,848.45	59.94	4,000.00	6,000.00
19,200.00	359.59	HS	465,543.61	758,427.36	32°16'40.440355"N	103°37'51.229814"W	32.27790010	-103.63089717	7,427.14	356.24	6.38	134.00	0.92		40,848.45	59.94	4,000.00	6,000.00
19,300.00	359.59	HS	465,643.60	758,426.65	32°16'41.429861"N	103°37'51.230473"W	32.27817496	-103.63089735	7,526.97	356.28	6.38	134.00	0.93		40,848.45	59.94	4,000.00	6,000.00
19,400.00	359.59	HS	465,743.59	758,425.94	32°16'42.419367"N	103°37'51.231131"W	32.27844982	-103.63089754	7,626.80	356.33	6.39	134.00	0.94		40,848.45	59.94	4,000.00	6,000.00
19,500.00	359.59	HS	465,843.59	758,425.23	32°16'43.408873"N	103°37'51.231790"W	32.27872469	-103.63089772	7,726.64	356.37	6.40	134.00	0.95		40,848.45	59.94	4,000.00	6,000.00
19,600.00	359.59	HS	465,943.58	758,424.52	32°16'44.398379"N	103°37'51.232448"W	32.27899955	-103.63089790	7,826.49	356.41	6.40	134.00	0.96		40,848.45	59.94	4,000.00	6,000.00
19,700.00	359.59	HS	466,043.57	758,423.80	32°16'45.387885"N	103°37'51.233106"W	32.27927441	-103.63089809	7,926.34	356.45	6.41	134.00	0.97		40,848.45	59.94	4,000.00	6,000.00
19,728.00	359.59	HS	466,071.57	758,423.61	32°16'45.664947"N	103°37'51.233291"W	32.27935137	-103.63089814	7,954.29	356.46	6.41	134.00	0.97		40,848.45	59.94	4,000.00	6,000.00
19,800.00	359.59	HS	466,143.57	758,423.09	32°16'46.377391"N	103°37'51.233765"W	32.27954928	-103.63089827	8,026.19	356.49	6.41	134.00	0.98		40,848.45	59.94	4,000.00	6,000.00
19,900.00	359.59	HS	466,243.56	758,422.38	32°16'47.366897"N	103°37'51.234423"W	32.27982414	-103.63089845	8,126.04	356.53	6.42	134.00	0.99		40,848.45	59.94	4,000.00	6,000.00
20,000.00	359.59	HS	466,343.56	758,421.67	32°16'48.356403"N	103°37'51.235081"W	32.28009900	-103.63089863	8,225.90	356.57	6.43	134.00	1.00		40,848.45	59.94	4,000.00	6,000.00
20,100.00	359.59	HS	466,443.55	758,420.96	32°16'49.345909"N	103°37'51.235739"W	32.28037386	-103.63089882	8,325.76	356.60	6.43	134.00	1.01		40,848.45	59.94	4,000.00	6,000.00
20,200.00	359.59	HS	466,543.54	758,420.25	32°16'50.335415"N	103°37'51.236397"W	32.28064873	-103.63089900	8,425.63	356.64	6.44	134.00	1.02		40,848.45	59.94	4,000.00	6,000.00
20,300.00	359.59	HS	466,643.54	758,419.54	32°16'51.324921"N	103°37'51.237055"W	32.28092359	-103.63089918	8,525.50	356.67	6.45	134.00	1.03		40,848.45	59.94	4,000.00	6,000.00
20,400.00	359.59	HS	466,743.53	758,418.83	32°16'52.314426"N	103°37'51.237713"W	32.28119845	-103.63089936	8,625.37	356.71	6.45	134.00	1.03		40,848.45	59.94	4,000.00	6,000.00
20,500.00	359.59	HS	466,843.52	758,418.12	32°16'53.303932"N	103°37'51.238371"W	32.28147331	-103.63089955	8,725.24	356.74	6.46	134.00	1.04		40,848.45	59.94	4,000.00	6,000.00
20,600.00	359.59	HS	466,943.52	758,417.40	32°16'54.293438"N	103°37'51.239029"W	32.28174818	-103.63089973	8,825.12	356.77	6.46	134.00	1.05		40,848.45	59.94	4,000.00	6,000.00
20,700.00	359.59	HS	467,043.51	758,416.69	32°16'55.282943"N	103°37'51.239686"W	32.28202304	-103.63089991	8,925.00	356.80	6.47	134.00	1.06		40,848.45	59.94	4,000.00	6,000.00
20,800.00	359.59	HS	467,143.50	758,415.98	32°16'56.272449"N	103°37'51.240344"W	32.28229790	-103.63090010	9,024.88	356.83	6.48	134.00	1.07		40,848.45	59.94	4,000.00	6,000.00
20,900.00	359.59	HS	467,243.50	758,415.27	32°16'57.261954"N	103°37'51.241002"W	32.28257277	-103.63090028	9,124.77	356.86	6.48	134.00	1.08		40,848.45	59.94	4,000.00	6,000.00
20,947.83			467,291.32	758,414.93	32°16'57.735188"N	103°37'51.241316"W	32.28270422	-103.63090037	9,172.54	356.88	6.48	134.00	1.09		40,848.45	59.94	4,000.00	6,000.00

Survey Type: Def Plan

Survey Error Model: ISCWSA Rev 4 *** 3-D 95 % Confidence 2.7955 sigma

Survey Program:

Description	Part	MD From (ft)	MD To (ft)	EOU Freq (ft)	Hole Size (in)	Casing Diameter (in)	Expected Max Inclination (deg)	Survey Tool Code	Vendor / Tool	Borehole / Survey
	1	0.000	10,200.000	1/100.000	ʼ.5 – 12.25 – 8.75	3.375 – 9.625 – 7		A001Mb_MWD		Triste Draw 36-25 Federal Com 212H / Coterra Tris
	1	10,200.000	20,947.825	1/100.000	8.75 – 6	7 – 4.5		A008Mb_MWD+IFR1+MS		Triste Draw 36-25 Federal Com 212H / Coterra Tris

Comments	MD (ft)	Incl (°)	Azim (°)	TVD (ft)	TVDSS (ft)	VSEC (ft)	AHD (ft)	NS (ft)	EW (ft)	DeltaMD (ft)	DeltaTVD (ft)	DLS (°/100ft)	BR (°/100ft)	TR (°/100ft)	GTF (°)	MTF (°)	TF (°)	Northing (ftUS)	Easting (ftUS)	Latitude (° ' ")	Longitude (° ' ")	Latitude (°)	Longitude (°)	Closure (ft)	Closure Azimuth (°)	Directional Difficulty Index	Tortuosity (°)	ERD Ratio	Exclusion Zone Alert	GeoMag Tk (nT)	Exclusion Zone Angle (°)	Exclusion Zone Tolerance (nT)	Alert Zone Tolerance (nT)
EOU Geometry:																																	
End MD (ft)	**Hole Size (in)**	**Casing Size (in)**	**Name**
1,381.800	17.500	13.375	
4,991.800	12.250	9.625	
12,521.800	8.750	7.000	
20,947.825	6.000	4.500	

1. Geological Formations

TVD of target 10730
MD at TD 20948

Pilot Hole TD N/A
Deepest expected fresh water

Formation	Depth (TVD) from KB	Water/Mineral Bearing/Target Zone	Hazards
Rustler	1238	N/A	
Top of Salt	1731	N/A	
Base of Salt/Lamar	5005	N/A	
Top Delaware Sands/Bell Canyon	5060	N/A	
Cherry Canyon	5940	N/A	
Brushy Canyon	7318	N/A	
Basal Brushy Canyon	8633	N/A	
Bone Spring Lime	8850	N/A	
Leonard/Avalon Sand	9033	N/A	
Avalon Shale	9465	N/A	
1st Bone Spring Sand	10050	Hydrocarbons	
2nd Bone Spring Sand	10635	Hydrocarbons	
2nd Bone Spring Sand - Target	10730	Hydrocarbons	

2. Casing Program

Hole Size	Casing Depth From	Casing Depth To	Setting Depth TVD	Casing Size	Weight (lb/ft)	Grade	Conn.	SF Collapse	SF Burst	SF Tension
17 1/2	0	1320	1320	13-3/8"	48.00	H-40	ST&C	1.30	3.04	5.08
12 1/4	0	5030	5030	9-5/8"	40.00	HCK-55	LT&C	1.41	1.47	2.79
7 7/8	0	10247								
7 7/8	10247	20948	10730	5-1/2"	20.00	P-110	BT&C	2.21	2.46	66.36
					BLM Minimum Safety Factor			1.125	1	1.6 Dry 1.8 Wet

TVD was used on all calculations.
All casing strings will be tested in accordance with Onshore Oil and Gas Order #2 III.B.1.h

	Y or N
Is casing new? If used, attach certification as required in Onshore Order #1	Y
Does casing meet API specifications? If no, attach casing specification sheet.	Y
Is premium or uncommon casing planned? If yes attach casing specification sheet.	N
Does the above casing design meet or exceed BLM's minimum standards? If not provide justification (loading assumptions, casing design criteria).	Y
Will the intermediate pipe be kept at a minimum 1/3 fluid filled to avoid approaching the collapse pressure rating of the casing?	Y
Is well located within Capitan Reef?	N
If yes, does production casing cement tie back a minimum of 50' above the Reef?	N
Is well within the designated 4 string boundary.	N
Is well located in SOPA but not in R-111-P?	N
If yes, are the first 2 strings cemented to surface and 3rd string cement tied back 500' into previous casing?	N
Is well located in R-111-P and SOPA?	N
If yes, are the first three strings cemented to surface?	N
Is 2nd string set 100' to 600' below the base of salt?	N
Is well located in high Cave/Karst?	N
If yes, are there two strings cemented to surface?	N
(For 2 string wells) If yes, is there a contingency casing if lost circulation occurs?	N
Is well located in critical Cave/Karst?	N
If yes, are there three strings cemented to surface?	N
Is AC Report included?	Y

3. Cementing Program

Casing	# Sks	Wt. lb/gal	Yld ft3/sack	H2O gal/sk	500# Comp. Strength (hours)	Slurry Description
Surface	640	13.50	1.72	9.15	15.5	Lead: Class C + Bentonite
	171	14.80	1.34	6.32	9.5	Tail: Class C + LCM
Intermediate	943	12.90	1.88	9.65	12	Lead: 35:65 (Poz:C) + Salt + Bentonite
	292	14.80	1.34	6.32	9.5	Tail: Class C + LCM
Production	600	10.80	2.35	9.60	17:43	Lead: Tuned Light I Class H
	2140	14.20	1.30	5.86	14:30	Tail: 50:50 (Poz:H) + Salt + Bentonite + Fluid Loss + Dispersant + SMS

Casing String	TOC	% Excess
Surface	0	45
Intermediate	0	51
Production	4830	25

Cimarex request the ability to perform casing integrity tests after plug bump of cement job.

4. Pressure Control Equipment

	A variance is requested for the use of a diverter on the surface casing. See attached for schematic.

BOP installed and tested before drilling which hole?	Size	Min Required WP	Type		Tested To
12 1/4	**13 5/8**	**10M**	Annular	X	100% of working pressure
			Blind Ram	X	10M
			Pipe Ram		
			Double Ram	X	
			Other		
7 7/8	**13 5/8**	**10M**	Annular	X	100% of working pressure
			Blind Ram	X	10M
			Pipe Ram		
			Double Ram	X	
			Other		

X	Formation integrity test will be performed per Onshore Order #2. On Exploratory wells or on that portion of any well approved for a 5M BOPE system or greater, a pressure integrity test of each casing shoe shall be performed. Will be tested in accordance with Onshore Oil and Gas Order #2 III.B.1.i.	
X	A variance is requested for the use of a flexible choke line from the BOP to Choke Manifold. See attached for specs and hydrostatic test chart.	
	N	Are anchors required by manufacturer?

5. Mud Program

Depth	Type	Weight (ppg)	Viscosity	Water Loss
0' to 1320'	Fresh Water	7.80 - 8.30	28	N/C
1320' to 5030'	Brine Water	9.80 - 10.30	30-32	N/C
5030' to 20948'	Cut Brine or OBM	8.50 - 9.00	27-70	N/C

Sufficient mud materials to maintain mud properties and meet minimum lost circulation and weight increase requirements will be kept on location at all times.

What will be used to monitor the loss or gain of fluid?	PVT/Pason/Visual Monitoring

6. Logging and Testing Procedures

Logging, Coring and Testing	
	Will run GR/CNL fromTD to surface (horizontal well – vertical portion of hole). Stated logs run will be in the Completion Report and submitted to the BLM.
X	No logs are planned based on well control or offset log information.
	Drill stem test?
	Coring?

Additional Logs Planned	Interval

7. Drilling Conditions

Condition	
BH Pressure at deepest TVD	5021 psi
Abnormal Temperature	No

Hydrogen Sulfide (H2S) monitors will be installed prior to drilling out the surface shoe. If H2S is detected in concentrations greater than 100 ppm, the operator will comply with the provisions of Onshore Oil and Gas Order #6. If Hydrogen Sulfide is encountered, measured values and formations will be provided to the BLM.	
X	H2S is present
X	H2S plan is attached

8. Other Facets of Operation

9. Wellhead

10M

1. The multi-bowl wellhead will be installed by a vendor representative. A copy of the installation instructions has been sent to the BLM field office.

2. A packoff will be installed after running and cementing the production casing. This packoff will be tested to 10K psi.

BOPE Additional Information & Testing

1. After running the first string of casing, a 10M BOP/BOPE system with 10M annular will be installed. BOPs will be tested according to Onshore Order #2. BOPE will be tested to full rated pressure (10K for all BOPE). For the low test, the system will be tested to 250 psi.

2. All BOP equipment will be tested utilizing a conventional test plug.

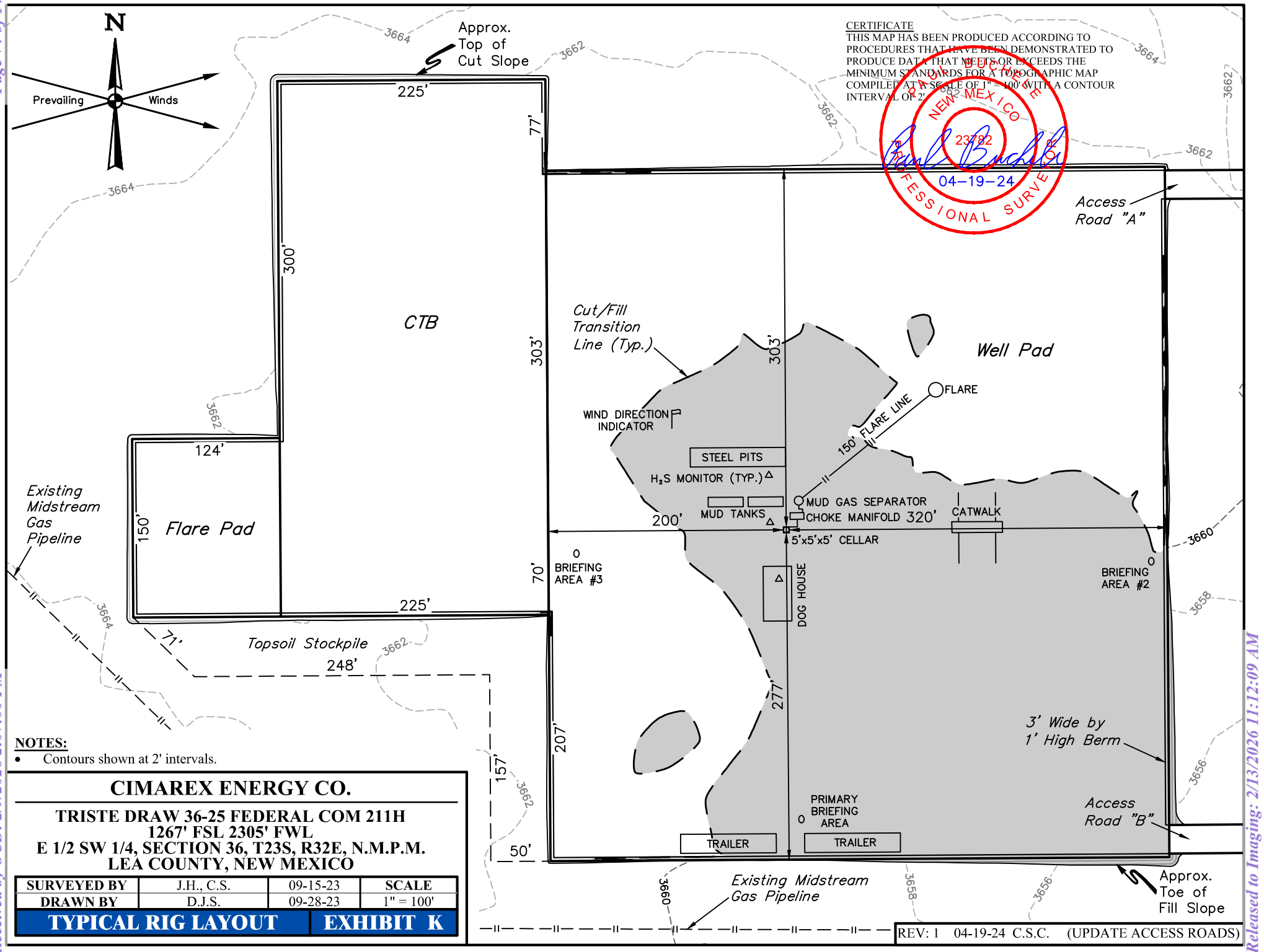
3. A remote kill line is included in the BOPE system

4. All casing strings will be tested per Onshore Order #2, to 0.22 psi/ft or 1,500 psi, whichever is greater, not to exceed 70% of casing burst.

5. If well conditions dictate, conventional slips will be set and BOPE will be tested to appropriate pressures based on permitted pressure requirements.

Additional Well Control Notes

1. In the event wellbore pressure encroaches to the maximum rated pressure of the annular, primary pressure control will be switched to the higher rated components (i.e., switch from annular to pipe rams) – upper pipe rams will be closed, and the annular opened in order to not exceed maximum rated pressures.



CERTIFICATE
THIS MAP HAS BEEN PRODUCED ACCORDING TO PROCEDURES THAT HAVE BEEN DEMONSTRATED TO PRODUCE DATA THAT MEETS OR EXCEEDS THE MINIMUM STANDARDS FOR A TOPOGRAPHIC MAP COMPILED AT A SCALE OF 1" = 100' WITH A CONTOUR INTERVAL OF 2'.

NEW MEXICO
23782
PROFESSIONAL SURVEYOR
04-19-24

NOTES:

- Contours shown at 2' intervals.

CIMAREX ENERGY CO.

TRISTE DRAW 36-25 FEDERAL COM 211H
1267' FSL 2305' FWL
E 1/2 SW 1/4, SECTION 36, T23S, R32E, N.M.P.M.
LEA COUNTY, NEW MEXICO

SURVEYED BY	J.H., C.S.	09-15-23	SCALE
DRAWN BY	D.J.S.	09-28-23	1" = 100'

TYPICAL RIG LAYOUT **EXHIBIT K**

REV: 1 04-19-24 C.S.C. (UPDATE ACCESS ROADS)

State of New Mexico
Energy, Minerals and Natural Resources Department

Submit Electronically
Via E-permitting

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

NATURAL GAS MANAGEMENT PLAN

This Natural Gas Management Plan must be submitted with each Application for Permit to Drill (APD) for a new or recompleted well.

Section 1 – Plan Description
Effective May 25, 2021

I. Operator: Cimarex Energy Co. **OGRID:** 215099 **Date:** 11/19/2025

II. Type: ☒ Original ☐ Amendment due to ☐ 19.15.27.9.D(6)(a) NMAC ☐ 19.15.27.9.D(6)(b) NMAC ☐ Other.

If Other, please describe: _____

III. Well(s): Provide the following information for each new or recompleted well or set of wells proposed to be drilled or proposed to be recompleted from a single well pad or connected to a central delivery point.

Well Name	API	ULSTR	Footages	Anticipated Oil BBL/D	Anticipated Gas MCF/D	Anticipated Produced Water BBL/D
Triste Draw 36-25 Fed Com 212H		Sec 36 T23S, R32E	1302 FSL/2285 FWL	1485	1948	4257

IV. Central Delivery Point Name: Riverbend CTB [See 19.15.27.9(D)(1) NMAC]

V. Anticipated Schedule: Provide the following information for each new or recompleted well or set of wells proposed to be drilled or proposed to be recompleted from a single well pad or connected to a central delivery point.

Well Name	API	Spud Date	TD Reached Date	Completion Commencement Date	Initial Flow Back Date	First Production Date
Triste Draw 36-25 Fed Com 212H		6/23/2026	11/3/2026	12/28/2026	3/4/2027	3/4/2027

VI. Separation Equipment: ☒ Attach a complete description of how Operator will size separation equipment to optimize gas capture.

VII. Operational Practices: ☒ Attach a complete description of the actions Operator will take to comply with the requirements of Subsection A through F of 19.15.27.8 NMAC.

VIII. Best Management Practices: ☒ Attach a complete description of Operator's best management practices to minimize venting during active and planned maintenance.

Section 2 – Enhanced Plan

EFFECTIVE APRIL 1, 2022

Beginning April 1, 2022, an operator that is not in compliance with its statewide natural gas capture requirement for the applicable reporting area must complete this section.

☒ Operator certifies that it is not required to complete this section because Operator is in compliance with its statewide natural gas capture requirement for the applicable reporting area.

IX. Anticipated Natural Gas Production:

Well	API	Anticipated Average Natural Gas Rate MCF/D	Anticipated Volume of Natural Gas for the First Year MCF

X. Natural Gas Gathering System (NGGS):

Operator	System	ULSTR of Tie-in	Anticipated Gathering Start Date	Available Maximum Daily Capacity of System Segment Tie-in

XI. Map. ☐ Attach an accurate and legible map depicting the location of the well(s), the anticipated pipeline route(s) connecting the production operations to the existing or planned interconnect of the natural gas gathering system(s), and the maximum daily capacity of the segment or portion of the natural gas gathering system(s) to which the well(s) will be connected.

XII. Line Capacity. The natural gas gathering system ☐ will ☐ will not have capacity to gather 100% of the anticipated natural gas production volume from the well prior to the date of first production.

XIII. Line Pressure. Operator ☐ does ☐ does not anticipate that its existing well(s) connected to the same segment, or portion, of the natural gas gathering system(s) described above will continue to meet anticipated increases in line pressure caused by the new well(s).

☐ Attach Operator's plan to manage production in response to the increased line pressure.

XIV. Confidentiality: ☐ Operator asserts confidentiality pursuant to Section 71-2-8 NMSA 1978 for the information provided in Section 2 as provided in Paragraph (2) of Subsection D of 19.15.27.9 NMAC, and attaches a full description of the specific information for which confidentiality is asserted and the basis for such assertion.

Section 3 - Certifications

Effective May 25, 2021

Operator certifies that, after reasonable inquiry and based on the available information at the time of submittal:

☒ Operator will be able to connect the well(s) to a natural gas gathering system in the general area with sufficient capacity to transport one hundred percent of the anticipated volume of natural gas produced from the well(s) commencing on the date of first production, taking into account the current and anticipated volumes of produced natural gas from other wells connected to the pipeline gathering system; or

☐ Operator will not be able to connect to a natural gas gathering system in the general area with sufficient capacity to transport one hundred percent of the anticipated volume of natural gas produced from the well(s) commencing on the date of first production, taking into account the current and anticipated volumes of produced natural gas from other wells connected to the pipeline gathering system. ***If Operator checks this box, Operator will select one of the following:***

Well Shut-In. ☐ Operator will shut-in and not produce the well until it submits the certification required by Paragraph (4) of Subsection D of 19.15.27.9 NMAC; or

Venting and Flaring Plan. ☐ Operator has attached a venting and flaring plan that evaluates and selects one or more of the potential alternative beneficial uses for the natural gas until a natural gas gathering system is available, including:

- **(a)** power generation on lease;
- **(b)** power generation for grid;
- **(c)** compression on lease;
- **(d)** liquids removal on lease;
- **(e)** reinjection for underground storage;
- **(f)** reinjection for temporary storage;
- **(g)** reinjection for enhanced oil recovery;
- **(h)** fuel cell production; and
- **(i)** other alternative beneficial uses approved by the division.

Section 4 - Notices

1. If, at any time after Operator submits this Natural Gas Management Plan and before the well is spud:

(a) Operator becomes aware that the natural gas gathering system it planned to connect the well(s) to has become unavailable or will not have capacity to transport one hundred percent of the production from the well(s), no later than 20 days after becoming aware of such information, Operator shall submit for OCD's approval a new or revised venting and flaring plan containing the information specified in Paragraph (5) of Subsection D of 19.15.27.9 NMAC; or

(b) Operator becomes aware that it has, cumulatively for the year, become out of compliance with its baseline natural gas capture rate or natural gas capture requirement, no later than 20 days after becoming aware of such information, Operator shall submit for OCD's approval a new or revised Natural Gas Management Plan for each well it plans to spud during the next 90 days containing the information specified in Paragraph (2) of Subsection D of 19.15.27.9 NMAC, and shall file an update for each Natural Gas Management Plan until Operator is back in compliance with its baseline natural gas capture rate or natural gas capture requirement.

2. OCD may deny or conditionally approve an APD if Operator does not make a certification, fails to submit an adequate venting and flaring plan which includes alternative beneficial uses for the anticipated volume of natural gas produced, or if OCD determines that Operator will not have adequate natural gas takeaway capacity at the time a well will be spud.

I certify that, after reasonable inquiry, the statements in and attached to this Natural Gas Management Plan are true and correct to the best of my knowledge and acknowledge that a false statement may be subject to civil and criminal penalties under the Oil and Gas Act.

Signature:	Crystal Denson
Printed Name:	Crystal Denson
Title:	Regulatory Analyst
E-mail Address:	crystal.denson@coterra.com
Date:	11/19/2025
Phone:	432/620-1699

OIL CONSERVATION DIVISION

(Only applicable when submitted as a standalone form)

Approved By:	
Title:	
Approval Date:	
Conditions of Approval:	

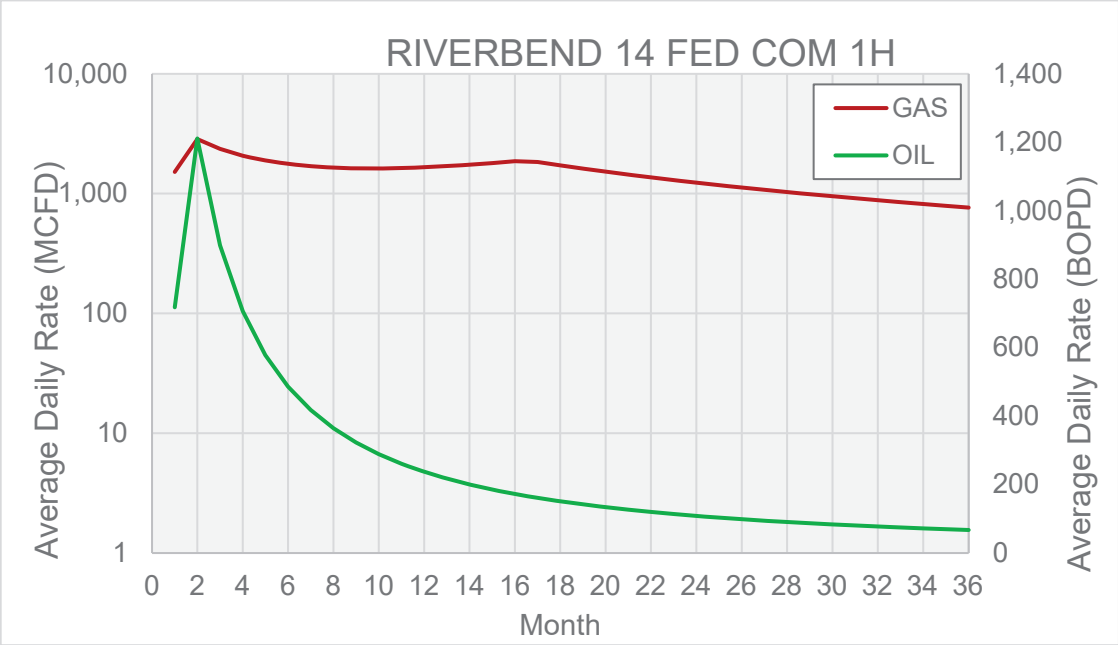
From State of New Mexico, Natural Gas Management Plan

VI. Separation Equipment: Attach a complete description of how Operator will size separation equipment to optimize gas capture.

XEC Standard Response

Standard facility gas process flow begins at the inlet separator. These vessels are designed based off of forecasted rates and residence times in accordance with, and often greater than, API 12J. The separated gas is then routed to an additional separation vessel (ie sales scrubber) in order to extract liquids that may have carried over or developed due to the decrease in pressure. The sales scrubber is sized based on API 521. From the sales scrubber, the gas leaves the facility and enters the gas midstream gathering network.

RIVERBEND 14 FED COM 1H	RIVERBEND 14 FED COM 1H
GAS MCFD	OIL BOPD
1,517	718
2,853	1,211
2,360	899
2,070	707
1,887	578
1,769	486
1,694	417
1,650	365
1,628	323
1,623	289
1,634	261
1,658	237
1,693	217
1,739	200
1,795	185
1,861	172
1,834	161
1,719	151
1,616	142
1,524	134
1,440	126
1,365	120
1,296	114
1,234	108
1,176	103
1,124	99
1,075	94
1,030	90
988	87
949	83
913	80
880	77
848	74
819	72
791	69
765	67


RIVERBEND 14 FED COM 1H
GAS
OIL
Average Daily Rate (MCFD)
Average Daily Rate (BOPD)
Month
10,000
1,000
100
10
1
1,400
1,200
1,000
800
600
400
200
0
0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36

Cimarex
VII. Operational Practices

Cimarex values the sustainable development of New Mexico's natural resources. Venting and flaring of natural gas is a source of waste in the industry, and Cimarex will ensure that its values are aligned with those of NMOCD. As such, Cimarex plans to take pointed steps to ensure compliance with Subsection A through F of 19.15.27.8 NMAC.

Specifically, below are the steps Cimarex will plan to follow under routine well commissioning and operations.

1. Capture or combust natural gas during drilling operations where technically feasible, using the best industry practices and control technologies.
    a. All flares during these operations will be a minimum of 100ft away from the nearest surface-hole location.
2. All gas present during post-completion drill-out and flow back will be routed through separation equipment, and, if technically feasible, flare unsellable vapors rather than vent. Lastly, formal sales separator commissioning to process well-stream fluids and send gas to a gas flow line/collection system or use the gas for on-site fuel or beneficial usage, gas as soon as is safe and technically feasible.
3. Cimarex will ensure the flare or combustion equipment is properly sized to handle expected flow rates, ensure this equipment is equipped with an automatic or continuous ignition source, and ensure this equipment is designed for proper combustion efficiency.
4. If Cimarex must flare because gas is not meeting pipeline specifications, Cimarex will limit flaring to <60 days, analyze gas composition at least twice per week, and route gas into a gathering pipeline as soon as pipeline specifications are met.
5. Under routine production operations, Cimarex will not flare/vent unless:
    a. Venting or flaring occurs due to an emergency or equipment malfunction.
    b. Venting or flaring occurs as a result of unloading practices, and an operator is onsite (or within 30 minutes of drive time and posts contact information at the wellsite) until the end of unloading practice.
    c. The venting or flaring occurs during automated plungerlift operations, in which case the Cimarex operator will work to optimize the plungerlift system to minimize venting/flaring.
    d. The venting or flaring occurs during downhole well maintenance, in which case Cimarex will work to minimize venting or flaring operations to the extent that it does not pose a risk to safe operations.
    e. The well is an exploratory well, the division has approved the well as an exploratory well, venting or flaring is limited to 12 months, as approved by the division, and venting/flaring does not cause Cimarex to breach its State-wide 98% gas capture requirement.
    f. Venting or flaring occurs because the stock tanks or other low-pressure vessels are being gauged, sampled, or liquids are being loaded out.
    g. The venting or flaring occurs because pressurized vessels are being maintained and are being blown-down or depressurized.
    h. Venting or flaring occurs as a result of normal dehydration unit operations.

i. Venting or flaring occurs as a result of bradenhead testing.
j. Venting or flaring occurs as a result of normal compressor operations, including general compressor operations, compressor engines and turbines.
k. Venting or flaring occurs as a result of a packer leakage test.
l. Venting or flaring occurs as a result of a production test lasting less than 24 hours unless otherwise approved by the division.
m. Venting or flaring occurs as a result of new equipment commissioning and is necessary to purge impurities from the pipeline or production equipment.

6. Cimarex will maintain its equipment in accordance with its Operations and Maintenance Program, to ensure venting or flaring events are minimized and that equipment is properly functioning.
7. Cimarex will install automatic tank gauging equipment on all production facilities constructed after May 25, 2021, to ensure minimal emissions from tank gauging practices.
8. By November 25, 2022, all Cimarex facilities equipped with flares or combustors will be equipped with continuous pilots or automatic igniters, and technology to ensure proper function, i.e. thermocouple, fire-eye, etc…
9. Cimarex will perform AVO (audio, visual, olfactory) facility inspections in accordance with NMOCD requirements. Specifically, Cimarex will:
    a. Perform weekly inspections during the first year of production, and so long as production is greater than 60 MCFD.
    b. If production is less than 60 MCFD, Cimarex will perform weekly AVO inspections when an operator is present on location, and inspections at least once per calendar month with at least 20 calendar days between inspections.
10. Cimarex will measure or estimate the volume of vented, flared or beneficially used natural gas, regardless of the reason or authorization for such venting or flaring.
11. On all facilities constructed after May 25, 2021, Cimarex will install metering where feasible and in accordance with available technology and best engineering practices, in an effort to measure how much gas could have been vented or flared.
    a. In areas where metering is not technically feasible, such as low-pressure/low volume venting or flaring applications, engineering estimates will be used such that the methodology could be independently verified.
12. Cimarex will fulfill the division's requirements for reporting and filing of venting or flaring that exceeds 50 MCF in volume or last eight hours or more cumulatively within any 24-hour period.

VIII. Best Management Practices to minimize venting during active and planned maintenance

Cimarex strives to ensure minimal venting occurs during active and planned maintenance activities. Below is a description of common maintenance practices, and the steps Cimarex takes to limit venting exposure.

- **Workovers:**
  - Always strive to kill well when performing downhole maintenance.
  - If vapors or trapped pressure is present and must be relieved then:
    - Initial blowdown to production facility:
      - Route vapors to LP flare if possible/applicable
    - Blowdown to portable gas buster tank:
      - Vent to existing or portable flare if applicable.

- **Stock tank servicing:**
  - Minimize time spent with thief hatches open.
  - When cleaning or servicing via manway, suck tank bottoms to ensure minimal volatiles exposed to atmosphere.
    - Connect vacuum truck to low pressure flare while cleaning bottoms to limit venting.
  - Isolate the vent lines and overflows on the tank being serviced from other tanks.

- **Pressure vessel/compressor servicing and associated blowdowns:**
  - Route to flare where possible.
  - Blow vessel down to minimum available pressure via pipeline, prior to venting vessel.
  - Preemptively changing anodes to reduce failures and extended corrosion related servicing.
  - When cleaning or servicing via manway, suck vessel bottoms to ensure minimal volatiles exposed to atmosphere.

- **Flare/combustor maintenance:**
  - Minimize downtime by coordinating with vendor and Cimarex staff travel logistics.
  - Utilizing preventative and predictive maintenance programs to replace high wear components before failure.
  - Because the flare/combustor is the primary equipment used to limit venting practices, ensure flare/combustor is properly maintained and fully operational at all times via routine maintenance, temperature telemetry, onsite visual inspections.

The Cimarex expectation is to limit all venting exposure. Equipment that may not be listed on this document is still expected to be maintained and associated venting during such maintenance minimized.

Standard New Mexico Variances

Variance Request #1: Skid Rig after Cementing Surface Casing

Coterra requests permission to skid the rig to the next well on the pad in order to begin operations immediately after the cement job for the surface casing has been completed. After the cement job is completed, no operations on the subject well will be conducted until at least 8 hours have elapsed, and both lead and tail slurries have achieved 500 psi compressive strength. While cement cures, the surface casing of the subject well will be suspended in the well by a mandrel and landing ring system, which is independent from the rig and ensures that casing remains centered while the rig is active on other wells. Before skidding the rig, a TA cap is installed on the subject well.

Variance Request #3: Omit the DV Tool from the Intermediate Casing

Coterra requests approval to omit the DV tool from the intermediate casing string. In lieu of a DV tool, Coterra will retain the option to pump down the intermediate annulus through casing valves with the appropriate cement slurry in the event returns to surface are not achieved on the primary job.

Variance Request #4: Utilize Co-Flex Choke Line

Coterra requests approval to utilize a co-flex choke line between the BOP and choke manifold. Certification for the proposed co-flex choke line is attached. The choke line is not required by the manufacturer to be anchored. In the event the specific co-flex choke line is not available, one of equal or higher rating will be used. Variance to include Hammer Union connections on lines downstream of the buffer tank only.

AFMSS
U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

SUPO Data Report
02/09/2026

APD ID: 10400107636
Submission Date: 11/20/2025
Operator Name: COTERRA ENERGY OPERATING CO
Well Name: TRISTE DRAW 36-25 FEDERAL COM
Well Number: 212H
Well Type: OIL WELL
Well Work Type: Drill

Highlighted data reflects the most recent changes
Show Final Text

Section 1 - Existing Roads

Will existing roads be used? YES

Existing Road Map:

TRISTE_DRAW_36_25_FED_COM_E2W2_existing_roads_20251120083911.pdf

Existing Road Purpose: ACCESS
Row(s) Exist? NO

ROW ID(s)

ID:

Do the existing roads need to be improved? NO

Existing Road Improvement Description:

Existing Road Improvement Attachment:

Section 2 - New or Reconstructed Access Roads

Will new roads be needed? NO

Operator Name: COTERRA ENERGY OPERATING CO

Well Name: TRISTE DRAW 36-25 FEDERAL COM **Well Number:** 212H

Section 2 - New or Reconstructed Access Roads

Will new roads be needed? NO

Section 3 - Location of Existing Wells

Existing Wells Map? YES

Existing Well map Attachment:

TRISTE_DRAW_36_25_FED_COM_E2W2_Well_radius_map_20251112153844.pdf

Section 4 - Location of Existing and/or Proposed Production Facilities

Submit or defer a Proposed Production Facilities plan? SUBMIT

Production Facilities description: CTB will located in the northwest corner of the pad. See location layout plat.

Production Facilities map:

TRISTE_DRAW_36_25_FED_COM_E2W2_location_layout_20251117142832.pdf

Section 5 - Location and Types of Water Supply

Water Source Table

Water source type: OTHER

Describe type: Commercial Water NGL CTP Treated Produced Water

Water source use type: SURFACE CASING

INTERMEDIATE/PRODUCTION CASING

Source latitude: 32.247036 **Source longitude:** -103.619864

Source datum: NAD83

City:

Water source permit type: WATER RIGHT

Operator Name: COTERRA ENERGY OPERATING CO

Well Name: TRISTE DRAW 36-25 FEDERAL COM **Well Number:** 212H

Water source transport method: TRUCKING

PIPELINE

Source land ownership: FEDERAL

Source transportation land ownership: FEDERAL

Water source volume (barrels): 150000 **Source volume (acre-feet):** 19.33396445

Source volume (gal): 6300000

Water source and transportation

Triste_Draw_36_25___Water_Transportation_Map_20231115141213.pdf

Water source comments:

New water well? N

New Water Well Info

Well latitude: **Well Longitude:** **Well datum:**

Well target aquifer:

Est. depth to top of aquifer(ft): **Est thickness of aquifer:**

Aquifer comments:

Aquifer documentation:

Well depth (ft): **Well casing type:**

Well casing outside diameter (in.): **Well casing inside diameter (in.):**

New water well casing? **Used casing source:**

Drilling method: **Drill material:**

Grout material: **Grout depth:**

Casing length (ft.): **Casing top depth (ft.):**

Well Production type: **Completion Method:**

Water well additional information:

State appropriation permit:

Additional information attachment:

Section 6 - Construction Materials

Using any construction materials: NO

Construction Materials description:

Construction Materials source location

Operator Name: COTERRA ENERGY OPERATING CO

Well Name: TRISTE DRAW 36-25 FEDERAL COM **Well Number:** 212H

Section 7 - Methods for Handling

Waste type: SEWAGE

Waste content description: Onsite human waste

Amount of waste: 300 gallons

Waste disposal frequency : Weekly

Safe containment description: A chemical porta-toilet will be furnished with the drilling rig

Safe containmant attachment:

Waste disposal type: HAUL TO COMMERCIAL FACILITY **Disposal location ownership:** COMMERCIAL

Disposal type description:

Disposal location description: The chemical porta-toilet wastes will be hauled to state approved disposal facility for treatment.

Waste type: GARBAGE

Waste content description: Onsite Refuse/trash

Amount of waste: 32500 pounds

Waste disposal frequency : Weekly

Safe containment description: Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. Trash will not be burned on location. All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig.

Safe containmant attachment:

Waste disposal type: HAUL TO COMMERCIAL FACILITY **Disposal location ownership:** COMMERCIAL

Disposal type description:

Disposal location description: All trash and waste material will be hauled to the Lea County Landfill.

Waste type: DRILLING

Waste content description: Drilling Fluids, drill cuttings, water and other waste produced from the well during drilling operations.

Amount of waste: 15000 barrels

Waste disposal frequency : Weekly

Safe containment description: Drilling waste will be stored in lined secondary containment.

Safe containmant attachment:

Waste disposal type: HAUL TO COMMERCIAL FACILITY **Disposal location ownership:** COMMERCIAL

Disposal type description:

Disposal location description: Haul to R360 Environmental Solutions, 4507 Carlsbad Hwy, Hobbs, NM 88240

Operator Name: COTERRA ENERGY OPERATING CO

Well Name: TRISTE DRAW 36-25 FEDERAL COM **Well Number:** 212H

Reserve Pit

Reserve Pit being used? NO

Temporary disposal of produced water into reserve pit? NO

Reserve pit length (ft.) **Reserve pit width (ft.)**

Reserve pit depth (ft.) **Reserve pit volume (cu. yd.)**

Is at least 50% of the reserve pit in cut?

Reserve pit liner

Reserve pit liner specifications and installation description

Cuttings Area

Cuttings Area being used? NO

Are you storing cuttings on location? N

Description of cuttings location

Cuttings area length (ft.) **Cuttings area width (ft.)**

Cuttings area depth (ft.) **Cuttings area volume (cu. yd.)**

Is at least 50% of the cuttings area in cut?

Cuttings area liner

Cuttings area liner specifications and installation description

Section 8 - Ancillary

Are you requesting any Ancillary Facilities?: N

Ancillary Facilities

Comments:

Section 9 - Well Site

Well Site Layout Diagram:

TRISTE_DRAW_36_25_FED_COM_E2W2_location_layout_20251112153915.pdf

Comments:

Operator Name: COTERRA ENERGY OPERATING CO

Well Name: TRISTE DRAW 36-25 FEDERAL COM **Well Number:** 212H

Section 10 - Plans for Surface

Type of disturbance: No New Surface Disturbance **Multiple Well Pad Name:** Triste Draw

Multiple Well Pad Number: 36-25 Federal Com

Recontouring

TRISTE_DRAW_36_25_FED_COM_E2W2_ADD_RECLAMATION_PLAT_11_14_2025_20251117142907.pdf

Drainage/Erosion control construction: Pad construction will include drainage control by rerouting drainages around the pad an installing culverts or low water crossings where needed. Erosion control techniques will be used where needed to minimize wind and water erosion and sedimentation prior to vegetation establishment

Drainage/Erosion control reclamation: Area-wide drainage will be stabilized and restored so that surface runoff flows and gradients are returned to the condition present prior to development. Drainage basins will have similar features found in nearby, properly functioning basins.

Well pad proposed disturbance (acres):	**Well pad interim reclamation (acres):** 0	**Well pad long term disturbance (acres):** 0
Road proposed disturbance (acres):	**Road interim reclamation (acres):** 0	**Road long term disturbance (acres):** 0
Powerline proposed disturbance (acres):	**Powerline interim reclamation (acres):** 0	**Powerline long term disturbance (acres):** 0
Pipeline proposed disturbance (acres):	**Pipeline interim reclamation (acres):** 0	**Pipeline long term disturbance (acres):** 0
Other proposed disturbance (acres):	**Other interim reclamation (acres):** 0	**Other long term disturbance (acres):** 0
Total proposed disturbance: 0	**Total interim reclamation:** 0	**Total long term disturbance:** 0

Disturbance Comments:

Reconstruction method: Areas to be reclaimed will be graded to approximate original contours and to blend in with adjacent topography. Graded surfaces will be suitable for the replacement of a uniform depth of topsoil, will promote cohesion between subsoil and topsoil layers, will reduce wind erosion, and will facilitate moisture capture. Specialized grading techniques may be applied, if warranted, and could include slope rounding, stair-step grading/terracing, and/or contour furrowing.

Topsoil redistribution: After compaction relief (ripping and discing) all topsoil will be redistributed on the reclaimed area to a pre-disturbance depth. Topsoil is typically redistributed with a scraper or front-end loader which leaves a friable surface to work with. Waterbars and erosion control devices will be installed on reclaimed areas, as necessary, to control topsoil erosion.

Soil treatment: As needed.

Existing Vegetation at the well pad: Vegetation types noted during onsite were shinnery oak, yucca, mesquite, and big blue stem.

Existing Vegetation at the well pad

Existing Vegetation Community at the road: Vegetation types noted during onsite were shinnery oak, yucca, mesquite, and big blue stem.

Existing Vegetation Community at the road

Existing Vegetation Community at the pipeline: Vegetation types noted during onsite were shinnery oak, yucca, mesquite, and big blue stem.

Operator Name: COTERRA ENERGY OPERATING CO

Well Name: TRISTE DRAW 36-25 FEDERAL COM **Well Number:** 212H

Existing Vegetation Community at the pipeline

Existing Vegetation Community at other disturbances: Vegetation types noted during onsite were shinnery oak, yucca, mesquite, and big blue stem.
Existing Vegetation Community at other disturbances

Non native seed used? N

Non native seed description:

Seedling transplant description:

Will seedlings be transplanted for this project? N

Seedling transplant description attachment:

Will seed be harvested for use in site reclamation? N

Seed harvest description:

Seed harvest description attachment:

Seed

Seed Table

Seed Summary

Total pounds/Acre:

Seed Type	Pounds/Acre

Seed reclamation

Operator Contact/Responsible Official

First Name: **Last Name:**

Phone: **Email:**

Seedbed prep:

Seed BMP:

Seed method:

Existing invasive species? N

Existing invasive species treatment description:

Existing invasive species treatment

Operator Name: COTERRA ENERGY OPERATING CO

Well Name: TRISTE DRAW 36-25 FEDERAL COM **Well Number:** 212H

Weed treatment plan description: N/A

Weed treatment plan

Monitoring plan description: Monitoring will be done in accordance with the NMSLO Reclamation Guidelines

Monitoring plan

Success standards: Success Standards will be in accordance with the NMSLO Reclamation Guidelines.

Pit closure description: No pit closure will be necessary. The referenced wells will be drilled utilizing a closed loop system. The closed loop system will be installed in a manner that will prevent leaks, breaks, or discharge. Drill cuttings will be contained in designated cuttings area. Upon completion of drilling operations, the cuttings will be mixed on location and dried; then spread on location.
Pit closure attachment:

Section 11 - Surface

Disturbance type: WELL PAD

Describe:

Surface Owner: OTHER

Other surface owner description: New Mexico State Land Office

BIA Local Office:

BOR Local Office:

COE Local Office:

DOD Local Office:

NPS Local Office:

State Local Office:

Military Local Office:

USFWS Local Office:

Other Local Office:

USFS Region:

USFS Forest/Grassland: **USFS Ranger District:**

Section 12 - Other

Right of Way needed? N **Use APD as ROW?**

ROW Type(s):

Operator Name: COTERRA ENERGY OPERATING CO

Well Name: TRISTE DRAW 36-25 FEDERAL COM **Well Number:** 212H

ROW

SUPO Additional Information:

Use a previously conducted onsite? N

Previous Onsite information:

Other SUPO

BEGINNING AT THE INTERSECTION OF HIGHWAY 128 AND AN EXISTING ROAD TO THE NORTHWEST (LOCATED AT NAD 83 LATITUDE 32.2105° AND LONGITUDE -103.5947) PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 4.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN LEFT AND PROCEED IN A WESTERLY DIRECTION APPROXIMATELY 0.1 MILES TO THE BEGINNING OF THE EXISTING ACCESS ROAD TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE EXISTING LOCATION.

TOTAL DISTANCE FROM THE INTERSECTION OF HIGHWAY 128 AND AN EXISTING ROAD TO THE NORTHWEST (LOCATED AT NAD 83 LATITUDE 32.2105° AND LONGITUDE -103.5947) TO THE EXISTING WELL LOCATION IS APPROXIMATELY 4.6 MILES.

REV: 3 07-24-24 Z.L. (ACCESS ROAD UPDATE)

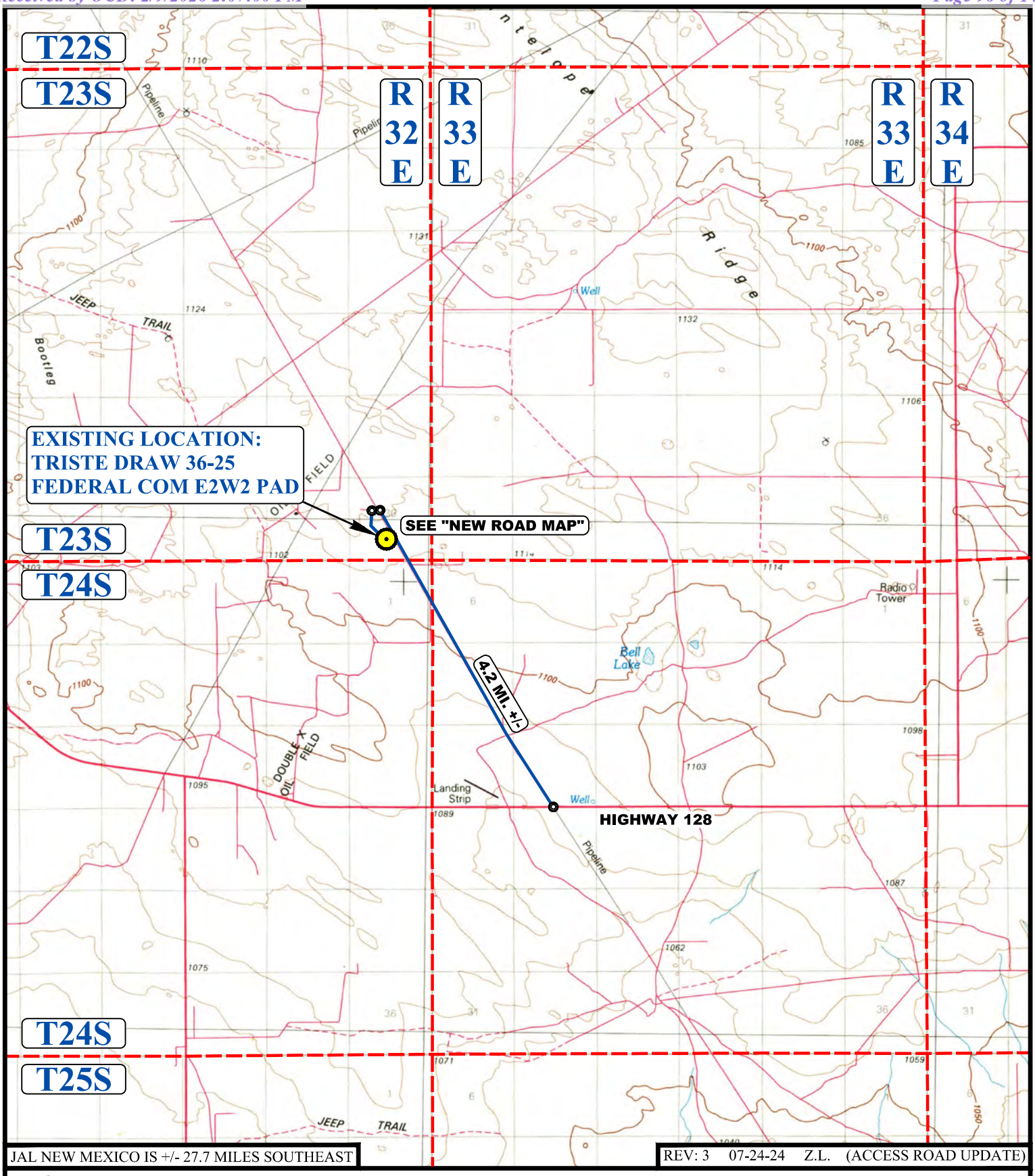
CIMAREX ENERGY CO.

TRISTE DRAW 36-25 FEDERAL COM E2W2 PAD
1280' FSL 2365' FWL (APPROX. CENTER OF PAD)
E 1/2 SW 1/4, SECTION 36, T23S, R32E, N.M.P.M.
LEA COUNTY, NEW MEXICO

SURVEYED BY	S.B.	07-19-24	
DRAWN BY	S.T.O.	12-02-19	

ROAD DESCRIPTION **EXHIBIT A**

UELS, LLC
Corporate Office * 85 South 200 East
Vernal, UT 84078 * (435) 789-1017



JAL NEW MEXICO IS +/- 27.7 MILES SOUTHEAST

REV: 3 07-24-24 Z.L. (ACCESS ROAD UPDATE)

LEGEND:

⊙ EXISTING LOCATION

N

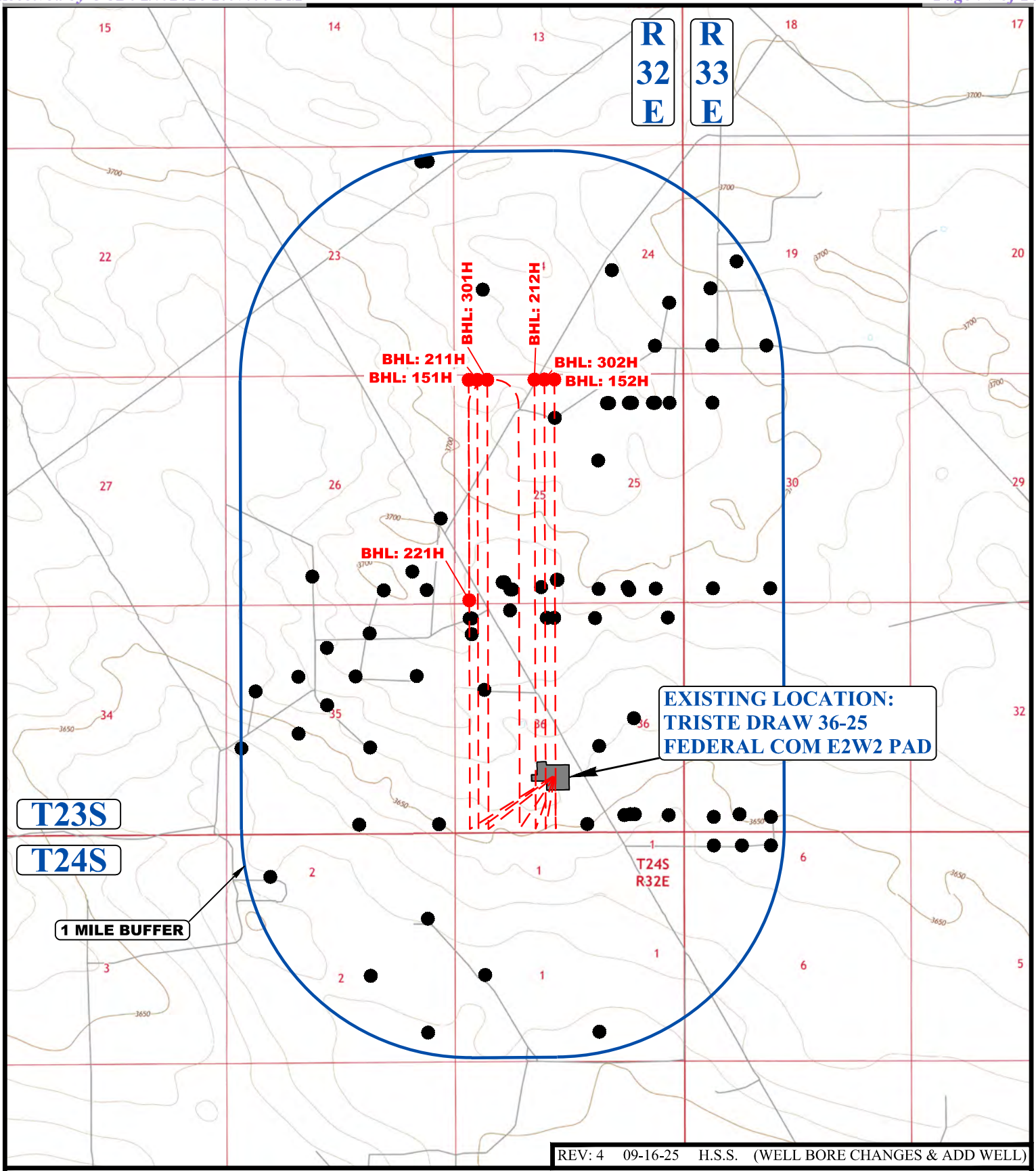
CIMAREX ENERGY CO.

TRISTE DRAW 36-25 FEDERAL COM E2W2 PAD
1280' FSL 2365' FWL (APPROX. CENTER OF PAD)
E 1/2 SW 1/4, SECTION 36, T23S, R32E, N.M.P.M.
LEA COUNTY, NEW MEXICO

SURVEYED BY	S.B.	07-19-24	SCALE
DRAWN BY	S.T.O.	12-02-19	1 : 100,000

PUBLIC ACCESS ROAD MAP **EXHIBIT B**

UINTAH ENGINEERING & LAND SURVEYING
UELS, LLC
Corporate Office * 85 South 200 East
Vernal, UT 84078 * (435) 789-1017



REV: 4 09-16-25 H.S.S. (WELL BORE CHANGES & ADD WELL)

LEGEND:

● EXISTING WELLS

N

CIMAREX ENERGY CO.

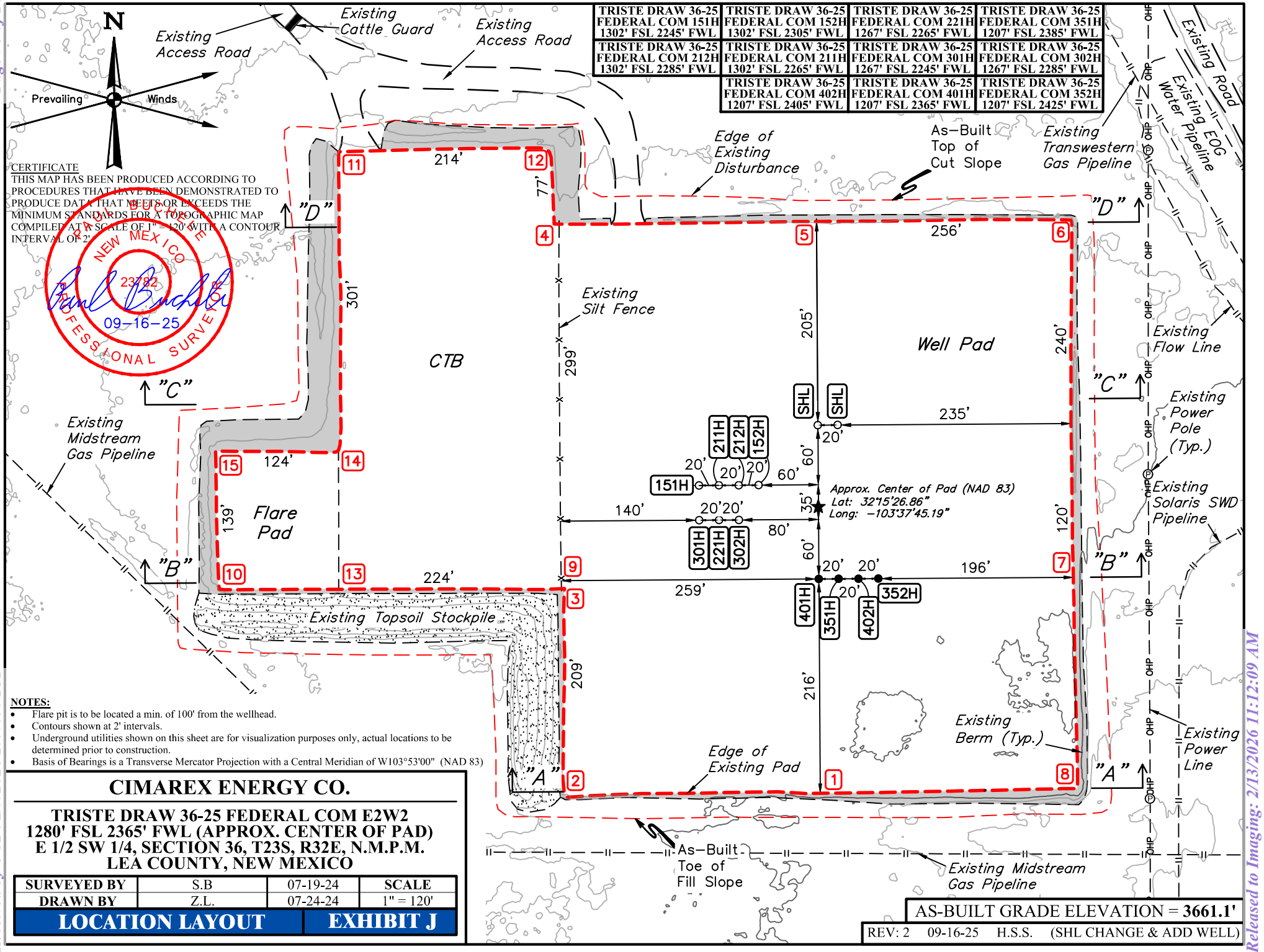
TRISTE DRAW 36-25 FEDERAL COM E2W2 PAD
1280' FSL 2365' FWL (APPROX. CENTER OF PAD)
E 1/2 SW 1/4, SECTION 36, T23S, R32E, N.M.P.M.
LEA COUNTY, NEW MEXICO

SURVEYED BY	S.B.	07-19-24	SCALE
DRAWN BY	S.T.O.	12-02-19	1 : 36,000

1 MILE RADIUS MAP **EXHIBIT E**

UINTAH ENGINEERING & LAND SURVEYING

UELS, LLC
Corporate Office * 85 South 200 East
Vernal, UT 84078 * (435) 789-1017



NOTES:

- Flare pit is to be located a min. of 100' from the wellhead.
- Contours shown at 2' intervals.
- Underground utilities shown on this sheet are for visualization purposes only, actual locations to be determined prior to construction.
- Basis of Bearings is a Transverse Mercator Projection with a Central Meridian of W103°53'00" (NAD 83)

CIMAREX ENERGY CO.

TRISTE DRAW 36-25 FEDERAL COM E2W2
1280' FSL 2365' FWL (APPROX. CENTER OF PAD)
E 1/2 SW 1/4, SECTION 36, T23S, R32E, N.M.P.M.
LEA COUNTY, NEW MEXICO

SURVEYED BY	S.B	07-19-24	SCALE
DRAWN BY	Z.L.	07-24-24	1" = 120'

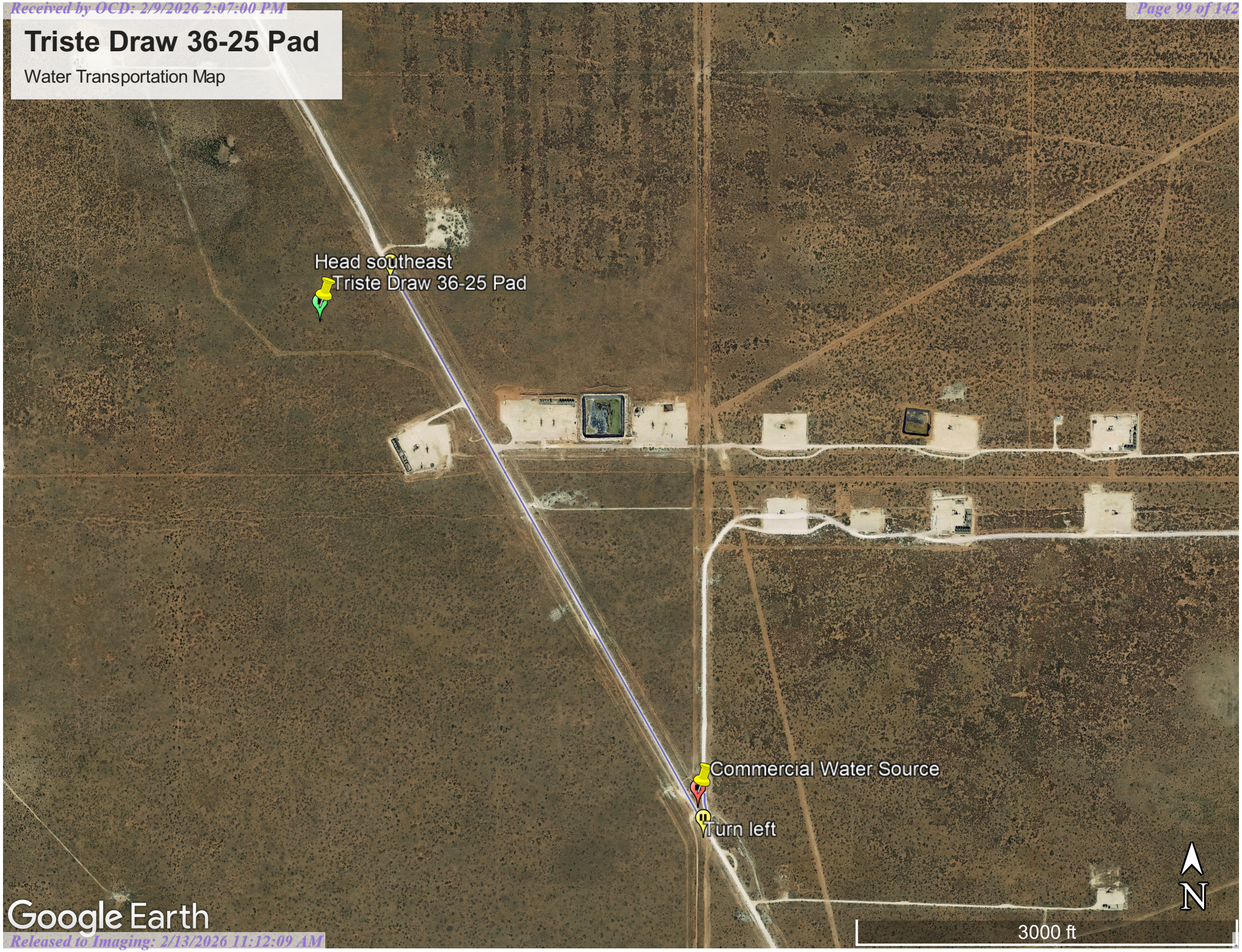
LOCATION LAYOUT | **EXHIBIT J**

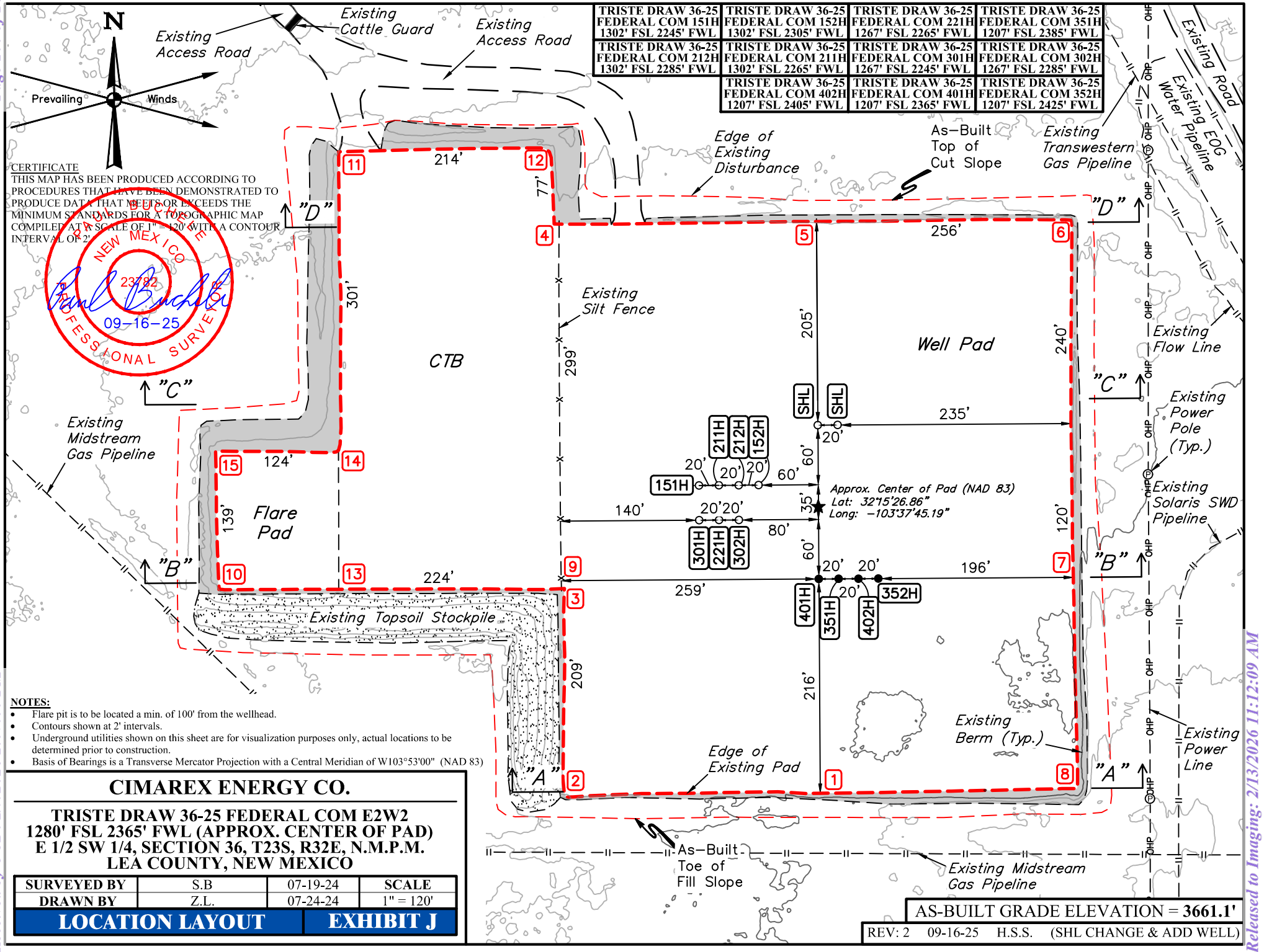
AS-BUILT GRADE ELEVATION = **3661.1'**

REV: 2 09-16-25 H.S.S. (SHL CHANGE & ADD WELL)

Triste Draw 36-25 Pad

Water Transportation Map





NOTES:

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- Contours shown at 2' intervals.
- Underground utilities shown on this sheet are for visualization purposes only, actual locations to be determined prior to construction.
- Basis of Bearings is a Transverse Mercator Projection with a Central Meridian of W103°53'00" (NAD 83)

CIMAREX ENERGY CO.

TRISTE DRAW 36-25 FEDERAL COM E2W2
1280' FSL 2365' FWL (APPROX. CENTER OF PAD)
E 1/2 SW 1/4, SECTION 36, T23S, R32E, N.M.P.M.
LEA COUNTY, NEW MEXICO

SURVEYED BY	S.B	07-19-24	SCALE
DRAWN BY	Z.L.	07-24-24	1" = 120'

LOCATION LAYOUT **EXHIBIT J**

AS-BUILT GRADE ELEVATION = **3661.1'**

REV: 2 09-16-25 H.S.S. (SHL CHANGE & ADD WELL)

CIMAREX ENERGY CO.
TRISTE DRAW 36-25 FEDERAL COM E2W2 PAD
SECTION 36, T23S, R32E, N.M.P.M.
LEA COUNTY, NEW MEXICO

DATE:	DESCRIPTION:
12/5/2019	FINAL PLATS
10/11/2023	PAD MOVE
11/15/2023	ADDED POWER LINE TO THE PLAT PACKAGE
4/29/2024	ACCESS ROADS & SWD RE-ROUTES
5/14/2024	ADD EXISTING ROAD RIGHT-OF-WAY
6/3/2024	ADD VALVE SITE TO SWD RIGHT-OF-WAY
6/7/2024	TYPO CORRECTION ON THE ROAD ROW PLAT
6/28/2024	ADD ROADS TO EXISTING ROAD RIGHT-OF-WAY & REMOVE ACCESS ROAD "B"
8/1/2024	UPDATE TO AS-BUILT PAD, WELL NAME, SHL & BHL CHANGES
8/16/2024	ADDED SWD PIPELINE ALIGNMENT SHEET
10/17/2024	SWD PIPELINE RE-ROUTE - ALIGNMENT SHEET ONLY
11/6/2024	ADD TEMPORARY WATER LINE TOPO TO PLAT PACKAGE
11/8/2024	ADD INDIVIDUAL SECTION BREAKDOWNS TO TEMPORARY WATER LINE
12/30/2024	UPDATE C-102 FORMAT ON THE 351H, 352H, 401H, 402H WELLS & ADD HSU BOUNDARY TO THE 351H, 401H WELLS
4/24/2025	UPDATE C-102 FORMAT ON TRISTE DRAW 36-25 FEDERAL COM 302H
8/26/2025	SHL CHANGES, ADD/REMOVE WELLS
9/19/2025	UPDATED WELLBORES, SURFACE HOLE POSITIONS, ADD 212H TO THE PAD
11/14/2025	ADDED RECLAMATION PLAT

UINTAH
ENGINEERING & LAND SURVEYING

C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024 Submittal Type: ☐ Initial Submittal ☐ Amended Report ☐ As Drilled

WELL LOCATION INFORMATION

API Number	Pool Code	Pool Name	
Property Code	Property Name TRISTE DRAW 36-25 FEDERAL COM		Well Number 151H
OGRID No.	Operator Name CIMAREX ENERGY CO.		Ground Level Elevation 3660.5'
Surface Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal		Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal	

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
N	36	23S	32E		1302 SOUTH	2245 WEST	32.257521°	-103.629608°	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
D	25	23S	32E		100 NORTH	330 WEST	32.282691°	-103.635818°	LEA

Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers.			Well setbacks are under Common Ownership: ☐Yes ☐No	

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
M	36	23S	32E		100 SOUTH	330 WEST	32.254195°	-103.635798°	LEA

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
M	36	23S	32E		100 SOUTH	330 WEST	32.254195°	-103.635798°	LEA

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
D	25	23S	32E		100 NORTH	330 WEST	32.282691°	-103.635818°	LEA

Unitized Area or Area of Uniform Interest	Spacing Unit Type ☐ Horizontal ☐ Vertical	Ground Floor Elevation:

OPERATOR CERTIFICATIONS

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.

Signature	Date
Shelly Bowen	
Printed Name	
shelly.bowen@coterra.com	
Email Address	

SURVEYOR CERTIFICATIONS

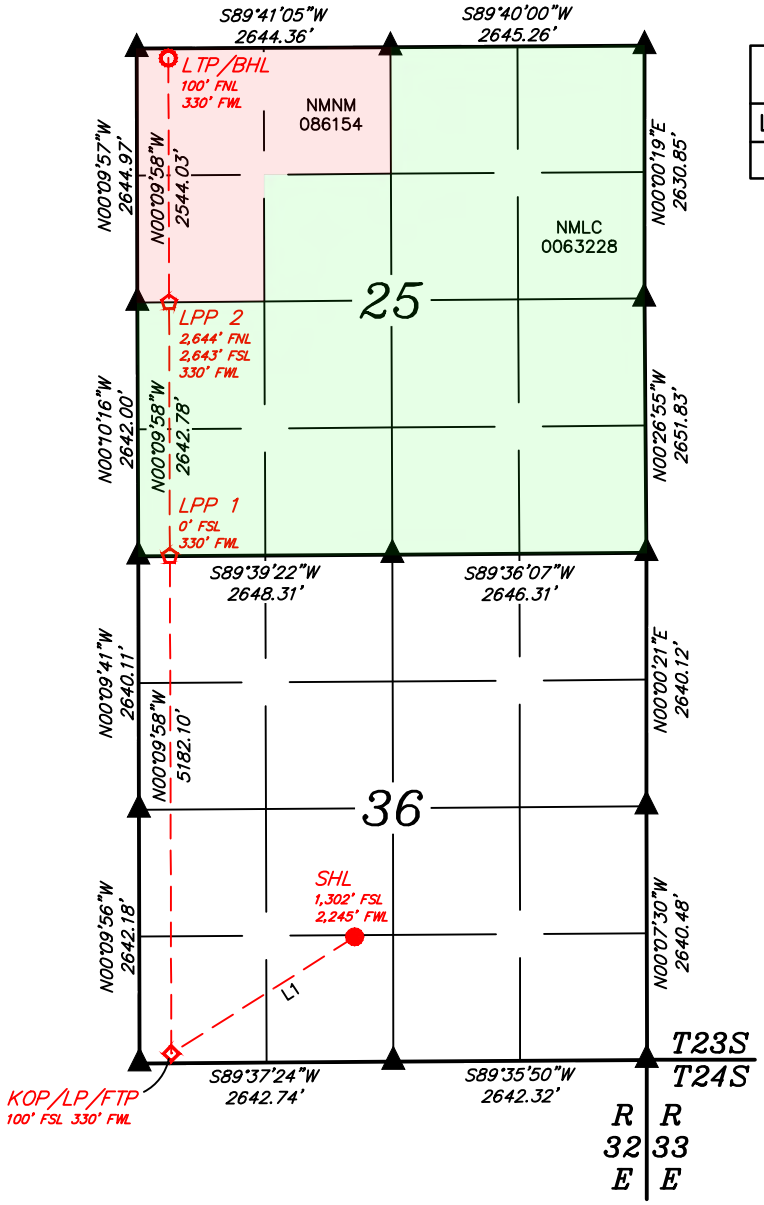
I hereby certify that the well location shown on this plat was plotted from the field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

PAUL BUCHELE NEW MEXICO 23782 PROFESSIONAL SURVEYOR 08-23-25

Signature and Seal of Professional Surveyor	
23782	July 19, 2024
Certificate Number	Date of Survey

Note: No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.

Property Name	Well Number	Drawn By	Revised By
TRISTE DRAW 36-25 FEDERAL COM	151H	D.J.S. 09-28-23	REV. 2 T.I.R. 08-23-25 (SHL CHANGE)



LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S57°33'34"W	2264.58'

NOTE:
- Distances referenced on plat to section lines are perpendicular.
- Basis of Bearings is a Transverse Mercator Projection with a Central Meridian of W103°53'00" (NAD 83)
- Colored areas within section lines represent Oil & Gas Leases.

2000' 1000' 0' 2000'

SCALE

NAD 83 (SURFACE HOLE LOCATION)
LATITUDE = 32°15'27.07" (32.257521°)
LONGITUDE = -103°37'46.59" (-103.629608°)
NAD 27 (SURFACE HOLE LOCATION)
LATITUDE = 32°15'26.63" (32.257397°)
LONGITUDE = -103°37'44.85" (-103.629126°)
STATE PLANE NAD 83 (N.M. EAST)
N: 458132.32' E: 758874.51'
STATE PLANE NAD 27 (N.M. EAST)
N: 458073.17' E: 717690.79'

NAD 83 (KOP/LP/FTP)
LATITUDE = 32°15'15.10" (32.254195°)
LONGITUDE = -103°38'08.87" (-103.635798°)
NAD 27 (KOP/LP/FTP)
LATITUDE = 32°15'14.66" (32.254071°)
LONGITUDE = -103°38'07.14" (-103.635317°)
STATE PLANE NAD 83 (N.M. EAST)
N: 456909.76' E: 756968.76'
STATE PLANE NAD 27 (N.M. EAST)
N: 456850.65' E: 715785.01'

● = SURFACE HOLE LOCATION
◇ = KICK OFF POINT/LANDING POINT/ FIRST TAKE POINT
○ = LAST TAKE POINT/ BOTTOM HOLE LOCATION
⬠ = LEASE PENETRATION POINT
▲ = SECTION CORNER LOCATED

NAD 83 (LPP 1)
LATITUDE = 32°16'06.37" (32.268436°)
LONGITUDE = -103°38'08.91" (-103.635808°)
NAD 27 (LPP 1)
LATITUDE = 32°16'05.93" (32.268313°)
LONGITUDE = -103°38'07.17" (-103.635326°)
STATE PLANE NAD 83 (N.M. EAST)
N: 462090.82' E: 756932.03'
STATE PLANE NAD 27 (N.M. EAST)
N: 462031.56' E: 715748.41'

NAD 83 (LPP 2)
LATITUDE = 32°16'32.52" (32.275699°)
LONGITUDE = -103°38'08.93" (-103.635813°)
NAD 27 (LPP 2)
LATITUDE = 32°16'32.07" (32.275576°)
LONGITUDE = -103°38'07.19" (-103.635331°)
STATE PLANE NAD 83 (N.M. EAST)
N: 464733.06' E: 756913.30'
STATE PLANE NAD 27 (N.M. EAST)
N: 464673.73' E: 715729.75'

NAD 83 (LTP/BHL)
LATITUDE = 32°16'57.69" (32.282691°)
LONGITUDE = -103°38'08.94" (-103.635818°)
NAD 27 (LTP/BHL)
LATITUDE = 32°16'57.24" (32.282568°)
LONGITUDE = -103°38'07.21" (-103.635335°)
STATE PLANE NAD 83 (N.M. EAST)
N: 467276.58' E: 756895.26'
STATE PLANE NAD 27 (N.M. EAST)
N: 467217.17' E: 715711.77'

C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024 Submittal Type: ☐ Initial Submittal ☐ Amended Report ☐ As Drilled

WELL LOCATION INFORMATION

API Number	Pool Code	Pool Name	
Property Code	Property Name TRISTE DRAW 36-25 FEDERAL COM		Well Number 152H
OGRID No.	Operator Name CIMAREX ENERGY CO.		Ground Level Elevation 3660.3'
Surface Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal		Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal	

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
N	36	23S	32E		1302 SOUTH	2305 WEST	32.257521°	-103.629414°	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
C	25	23S	32E		100 NORTH	2310 WEST	32.282708°	-103.629412°	LEA

Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers.			Well setbacks are under Common Ownership: ☐Yes ☐No	

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
N	36	23S	32E		100 SOUTH	2310 WEST	32.254218°	-103.629394°	LEA

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
N	36	23S	32E		100 SOUTH	2310 WEST	32.254218°	-103.629394°	LEA

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
C	25	23S	32E		100 NORTH	2310 WEST	32.282708°	-103.629412°	LEA

Unitized Area or Area of Uniform Interest	Spacing Unit Type ☐ Horizontal ☐ Vertical	Ground Floor Elevation:

OPERATOR CERTIFICATIONS

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.

Signature Date

Shelly Bowen

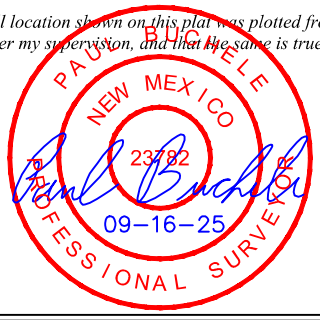
Printed Name

shelly.bowen@coterra.com

Email Address

SURVEYOR CERTIFICATIONS

I hereby certify that the well location shown on this plat was plotted from the field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.



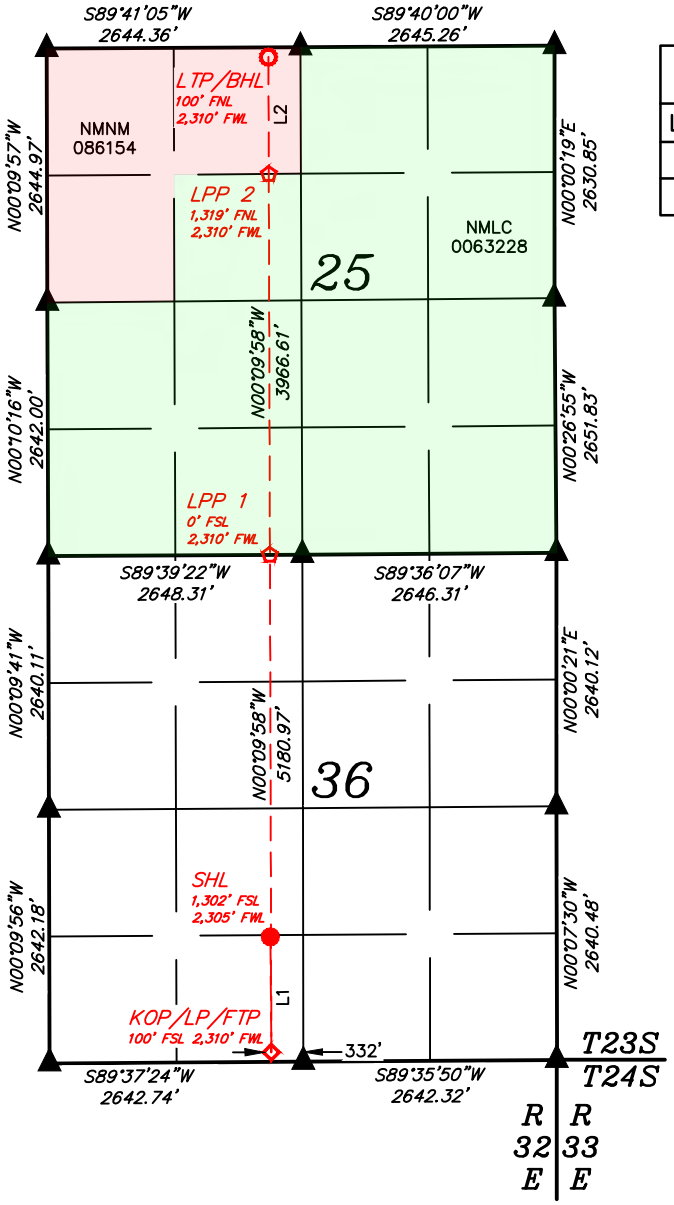
Signature and Seal of Professional Surveyor

23782 July 19, 2024

Certificate Number Date of Survey

Note: No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.

Property Name	Well Number	Drawn By	Revised By
TRISTE DRAW 36-25 FEDERAL COM	152H	D.J.S. 09-28-23	REV. 3 H.S.S. 09-16-25 (WELL BORE CHANGES)



LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S00°25'07"E	1202.18'
L2	N00°09'58"W	1219.21'

NOTE:
- Distances referenced on plat to section lines are perpendicular.
- Basis of Bearings is a Transverse Mercator Projection with a Central Meridian of W103°53'00" (NAD 83)
- Colored areas within section lines represent Oil & Gas Leases.

2000' 1000' 0' 2000'

SCALE

NAD 83 (SURFACE HOLE LOCATION)
LATITUDE = 32°15'27.08" (32.257521°)
LONGITUDE = -103°37'45.89" (-103.629414°)
NAD 27 (SURFACE HOLE LOCATION)
LATITUDE = 32°15'26.63" (32.257398°)
LONGITUDE = -103°37'44.16" (-103.628932°)
STATE PLANE NAD 83 (N.M. EAST)
N: 458132.97' E: 758934.49'
STATE PLANE NAD 27 (N.M. EAST)
N: 957387.80' E: 981178.27'

NAD 83 (KOP/LP/FTP)
LATITUDE = 32°15'15.18" (32.254218°)
LONGITUDE = -103°37'45.82" (-103.629394°)
NAD 27 (KOP/LP/FTP)
LATITUDE = 32°15'14.74" (32.254094°)
LONGITUDE = -103°37'44.09" (-103.628913°)
STATE PLANE NAD 83 (N.M. EAST)
N: 456931.08' E: 758948.32'
STATE PLANE NAD 27 (N.M. EAST)
N: 456871.97' E: 717764.56'

● = SURFACE HOLE LOCATION
◇ = KICK OFF POINT/LANDING POINT/ FIRST TAKE POINT
○ = LAST TAKE POINT/ BOTTOM HOLE LOCATION
⬠ = LEASE PENETRATION POINT
▲ = SECTION CORNER LOCATED

NAD 83 (LPP 1)
LATITUDE = 32°16'06.44" (32.268456°)
LONGITUDE = -103°37'45.85" (-103.629403°)
NAD 27 (LPP 1)
LATITUDE = 32°16'06.00" (32.268333°)
LONGITUDE = -103°37'44.12" (-103.628922°)
STATE PLANE NAD 83 (N.M. EAST)
N: 462111.00' E: 758911.59'
STATE PLANE NAD 27 (N.M. EAST)
N: 462051.74' E: 717727.97'

NAD 83 (LPP 2)
LATITUDE = 32°16'45.69" (32.279357°)
LONGITUDE = -103°37'45.88" (-103.629410°)
NAD 27 (LPP 2)
LATITUDE = 32°16'45.24" (32.279234°)
LONGITUDE = -103°37'44.14" (-103.628928°)
STATE PLANE NAD 83 (N.M. EAST)
N: 466076.81' E: 758883.47'
STATE PLANE NAD 27 (N.M. EAST)
N: 466017.44' E: 717699.95'

NAD 83 (LTP/BHL)
LATITUDE = 32°16'57.75" (32.282708°)
LONGITUDE = -103°37'45.88" (-103.629412°)
NAD 27 (LTP/BHL)
LATITUDE = 32°16'57.30" (32.282585°)
LONGITUDE = -103°37'44.15" (-103.628930°)
STATE PLANE NAD 83 (N.M. EAST)
N: 467295.78' E: 758874.82'
STATE PLANE NAD 27 (N.M. EAST)
N: 467236.37' E: 717691.34'

C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024 Submittal Type: ☐ Initial Submittal ☐ Amended Report ☐ As Drilled

WELL LOCATION INFORMATION

API Number	Pool Code	Pool Name	
Property Code	Property Name TRISTE DRAW 36-25 FEDERAL COM		Well Number 211H
OGRID No.	Operator Name CIMAREX ENERGY CO.		Ground Level Elevation 3660.4'
Surface Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal		Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal	

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
N	36	23S	32E		1302 SOUTH	2265 WEST	32.257521°	-103.629543°	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
D	25	23S	32E		100 NORTH	530 WEST	32.282693°	-103.635171°	LEA

Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers.			Well setbacks are under Common Ownership: ☐Yes ☐No	

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
M	36	23S	32E		100 SOUTH	530 WEST	32.254197°	-103.635151°	LEA

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
M	36	23S	32E		100 SOUTH	530 WEST	32.254197°	-103.635151°	LEA

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
D	25	23S	32E		100 NORTH	530 WEST	32.282693°	-103.635171°	LEA

Unitized Area or Area of Uniform Interest	Spacing Unit Type ☐ Horizontal ☐ Vertical	Ground Floor Elevation:

OPERATOR CERTIFICATIONS

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.

Signature Date

Shelly Bowen

Printed Name

shelly.bowen@coterra.com

Email Address

SURVEYOR CERTIFICATIONS

I hereby certify that the well location shown on this plat was plotted from the field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

PAUL BUCHELE NEW MEXICO 23782 PROFESSIONAL SURVEYOR 09-16-25

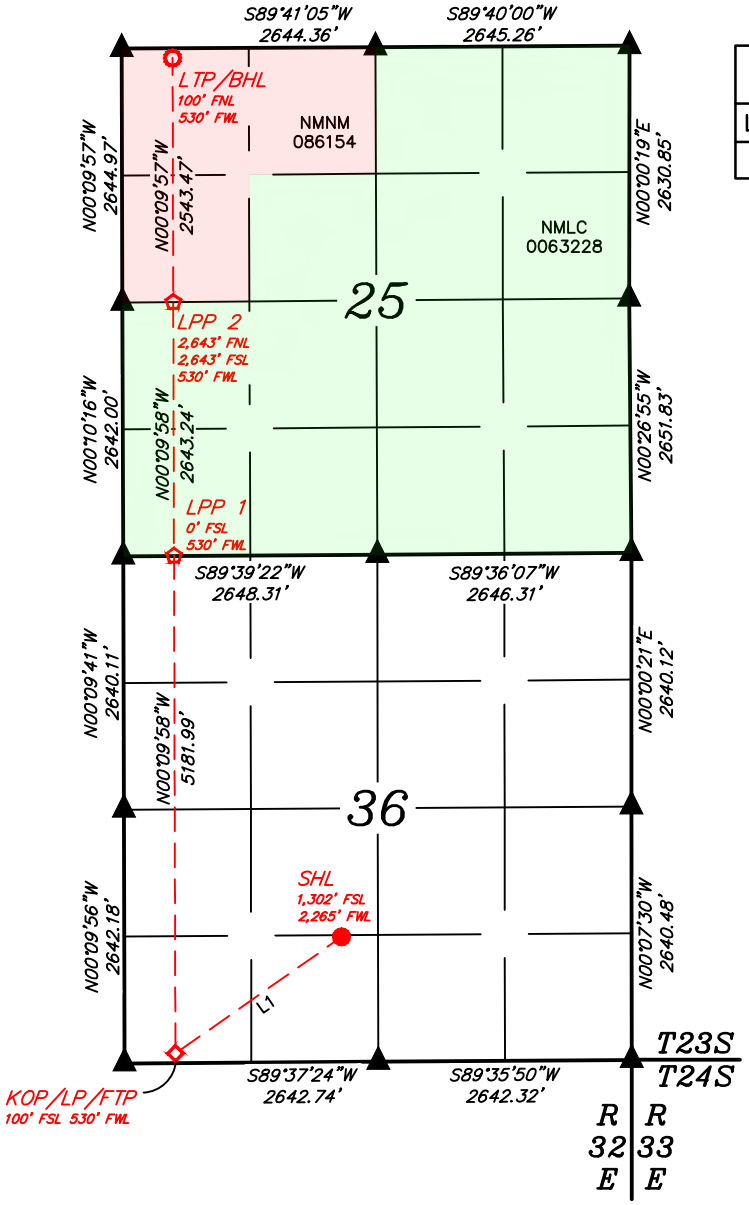
Signature and Seal of Professional Surveyor

23782 July 19, 2024

Certificate Number Date of Survey

Note: No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.

Property Name	Well Number	Drawn By	Revised By
TRISTE DRAW 36-25 FEDERAL COM	211H	D.J.S. 09-28-23	REV. 3 H.S.S. 09-16-25 (WELL BORE CHANGES)



LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S54°58'09"W	2114.19'

NOTE:
- Distances referenced on plat to section lines are perpendicular.
- Basis of Bearings is a Transverse Mercator Projection with a Central Meridian of W103°53'00" (NAD 83)
- Colored areas within section lines represent Oil & Gas Leases.

NAD 83 (SURFACE HOLE LOCATION)
LATITUDE = 32°15'27.08" (32.257521°)
LONGITUDE = -103°37'46.35" (-103.629543°)
NAD 27 (SURFACE HOLE LOCATION)
LATITUDE = 32°15'26.63" (32.257397°)
LONGITUDE = -103°37'44.62" (-103.629062°)
STATE PLANE NAD 83 (N.M. EAST)
N: 458132.53' E: 758894.50'
STATE PLANE NAD 27 (N.M. EAST)
N: 458073.39' E: 717710.78'

NAD 83 (KOP/LP/FTP)
LATITUDE = 32°15'15.11" (32.254197°)
LONGITUDE = -103°38'06.54" (-103.635151°)
NAD 27 (KOP/LP/FTP)
LATITUDE = 32°15'14.66" (32.254073°)
LONGITUDE = -103°38'04.81" (-103.634670°)
STATE PLANE NAD 83 (N.M. EAST)
N: 456911.92' E: 757168.72'
STATE PLANE NAD 27 (N.M. EAST)
N: 456852.80' E: 715984.97'

● = SURFACE HOLE LOCATION
◇ = KICK OFF POINT/LANDING POINT/ FIRST TAKE POINT
○ = LAST TAKE POINT/ BOTTOM HOLE LOCATION
⬠ = LEASE PENETRATION POINT
▲ = SECTION CORNER LOCATED

NAD 83 (LPP 1)
LATITUDE = 32°16'06.38" (32.268438°)
LONGITUDE = -103°38'06.58" (-103.635161°)
NAD 27 (LPP 1)
LATITUDE = 32°16'05.93" (32.268315°)
LONGITUDE = -103°38'04.84" (-103.634679°)
STATE PLANE NAD 83 (N.M. EAST)
N: 462092.86' E: 757131.99'
STATE PLANE NAD 27 (N.M. EAST)
N: 462033.60' E: 715948.37'

NAD 83 (LPP 2)
LATITUDE = 32°16'32.53" (32.275703°)
LONGITUDE = -103°38'06.60" (-103.635166°)
NAD 27 (LPP 2)
LATITUDE = 32°16'32.08" (32.275579°)
LONGITUDE = -103°38'04.86" (-103.634684°)
STATE PLANE NAD 83 (N.M. EAST)
N: 464735.57' E: 757113.24'
STATE PLANE NAD 27 (N.M. EAST)
N: 464676.23' E: 715929.69'

NAD 83 (LTP/BHL)
LATITUDE = 32°16'57.69" (32.282693°)
LONGITUDE = -103°38'06.61" (-103.635171°)
NAD 27 (LTP/BHL)
LATITUDE = 32°16'57.25" (32.282569°)
LONGITUDE = -103°38'04.88" (-103.634688°)
STATE PLANE NAD 83 (N.M. EAST)
N: 467278.52' E: 757095.22'
STATE PLANE NAD 27 (N.M. EAST)
N: 467219.11' E: 715911.73'

C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024 Submittal Type: ☐ Initial Submittal ☐ Amended Report ☐ As Drilled

WELL LOCATION INFORMATION

API Number	Pool Code	Pool Name	
Property Code	Property Name TRISTE DRAW 36-25 FEDERAL COM		Well Number 212H
OGRID No.	Operator Name CIMAREX ENERGY CO.		Ground Level Elevation 3660.3'
Surface Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal		Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal	

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
N	36	23S	32E		1302 SOUTH	2285 WEST	32.257521°	-103.629478°	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
C	25	23S	32E		100 NORTH	1850 WEST	32.282704°	-103.630900°	LEA

Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers.			Well setbacks are under Common Ownership: ☐Yes ☐No	

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
N	36	23S	32E		100 SOUTH	1850 WEST	32.254212°	-103.630882°	LEA

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
N	36	23S	32E		100 SOUTH	1850 WEST	32.254212°	-103.630882°	LEA

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
C	25	23S	32E		100 NORTH	1850 WEST	32.282704°	-103.630900°	LEA

Unitized Area or Area of Uniform Interest	Spacing Unit Type ☐ Horizontal ☐ Vertical	Ground Floor Elevation:

OPERATOR CERTIFICATIONS

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.

Signature Date

Shelly Bowen

Printed Name

shelly.bowen@coterra.com

Email Address

SURVEYOR CERTIFICATIONS

I hereby certify that the well location shown on this plat was plotted from the field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

PAUL BUCHELE NEW MEXICO 23782 PROFESSIONAL SURVEYOR 09-16-25

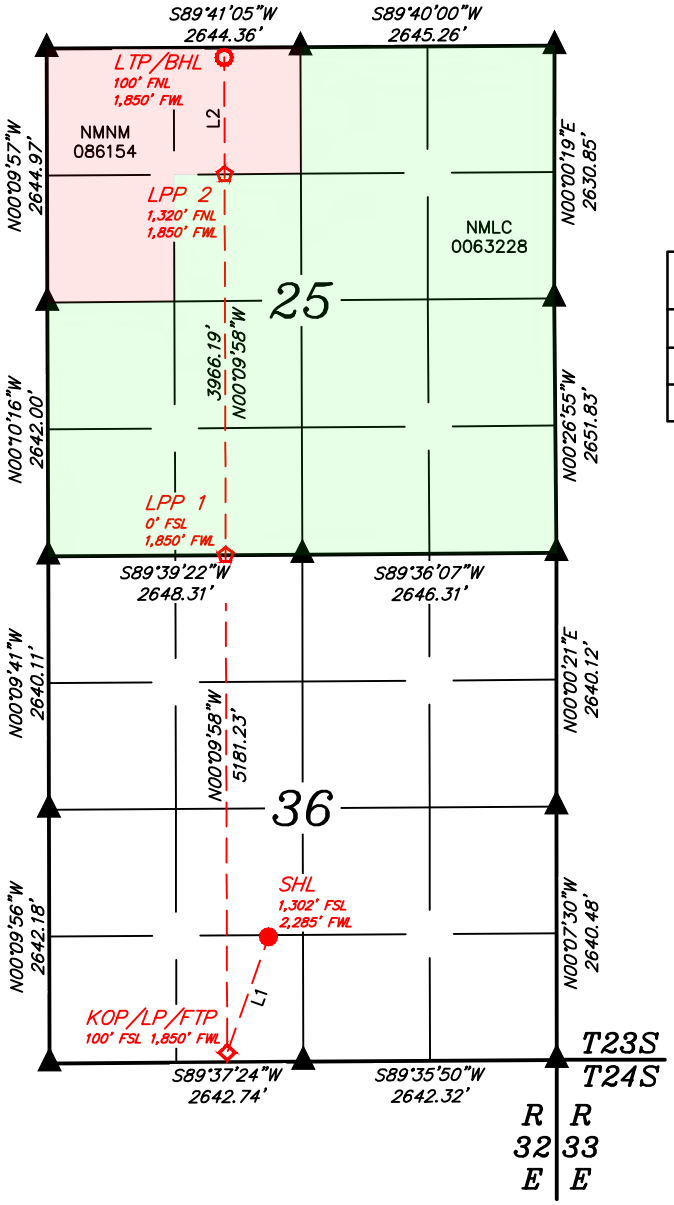
Signature and Seal of Professional Surveyor

23782 July 19, 2024

Certificate Number Date of Survey

Note: No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.

Property Name	Well Number	Drawn By	Revised By
TRISTE DRAW 36-25 FEDERAL COM	212H	H.S.S. 09-16-25	



LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S19°41'21"W	1279.87'
L2	N00°09'58"W	1219.86'

NOTE:
- Distances referenced on plat to section lines are perpendicular.
- Basis of Bearings is a Transverse Mercator Projection with a Central Meridian of W103°53'00" (NAD 83)
- Colored areas within section lines represent Oil & Gas Leases.

SCALE

NAD 83 (SURFACE HOLE LOCATION)
LATITUDE = 32°15'27.08" (32.257521°)
LONGITUDE = -103°37'46.12" (-103.629478°)
NAD 27 (SURFACE HOLE LOCATION)
LATITUDE = 32°15'26.63" (32.257398°)
LONGITUDE = -103°37'44.39" (-103.628997°)
STATE PLANE NAD 83 (N.M. EAST)
N: 458132.75' E: 758914.50'
STATE PLANE NAD 27 (N.M. EAST)
N: 458073.60' E: 717730.78'

NAD 83 (KOP/LP/FTP)
LATITUDE = 32°15'15.16" (32.254212°)
LONGITUDE = -103°37'51.18" (-103.630882°)
NAD 27 (KOP/LP/FTP)
LATITUDE = 32°15'14.72" (32.254089°)
LONGITUDE = -103°37'49.44" (-103.630401°)
STATE PLANE NAD 83 (N.M. EAST)
N: 456926.13' E: 758488.42'
STATE PLANE NAD 27 (N.M. EAST)
N: 456867.01' E: 717304.67'

● = SURFACE HOLE LOCATION
◇ = KICK OFF POINT/LANDING POINT/ FIRST TAKE POINT
○ = LAST TAKE POINT/ BOTTOM HOLE LOCATION
⬠ = LEASE PENETRATION POINT
▲ = SECTION CORNER LOCATED

NAD 83 (LPP 1)
LATITUDE = 32°16'06.43" (32.268452°)
LONGITUDE = -103°37'51.21" (-103.630891°)
NAD 27 (LPP 1)
LATITUDE = 32°16'05.98" (32.268328°)
LONGITUDE = -103°37'49.47" (-103.630409°)
STATE PLANE NAD 83 (N.M. EAST)
N: 462106.31' E: 758451.69'
STATE PLANE NAD 27 (N.M. EAST)
N: 462047.05' E: 717268.07'

NAD 83 (LPP 2)
LATITUDE = 32°16'45.67" (32.279352°)
LONGITUDE = -103°37'51.23" (-103.630898°)
NAD 27 (LPP 2)
LATITUDE = 32°16'45.22" (32.279228°)
LONGITUDE = -103°37'49.50" (-103.630416°)
STATE PLANE NAD 83 (N.M. EAST)
N: 466071.70' E: 758423.58'
STATE PLANE NAD 27 (N.M. EAST)
N: 466012.33' E: 717240.06'

NAD 83 (LTP/BHL)
LATITUDE = 32°16'57.74" (32.282704°)
LONGITUDE = -103°37'51.24" (-103.630900°)
NAD 27 (LTP/BHL)
LATITUDE = 32°16'57.29" (32.282581°)
LONGITUDE = -103°37'49.51" (-103.630418°)
STATE PLANE NAD 83 (N.M. EAST)
N: 467291.32' E: 758414.93'
STATE PLANE NAD 27 (N.M. EAST)
N: 467231.91' E: 717231.44'

C-102

Submit Electronically
Via OCD Permitting

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION

Revised July 9, 2024

Submittal Type: ☐ Initial Submittal ☐ Amended Report ☐ As Drilled

WELL LOCATION INFORMATION

API Number	Pool Code	Pool Name	
Property Code	Property Name: TRISTE DRAW 36-25 FEDERAL COM		Well Number: 221H
OGRID No.	Operator Name: CIMAREX ENERGY CO.		Ground Level Elevation: 3660.5'

Surface Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
N	36	23S	32E		1267 SOUTH	2265 WEST	32.257425°	-103.629543°	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
M	25	23S	32E		100 SOUTH	330 WEST	32.268711°	-103.635807°	LEA

Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code

Order Numbers. Well setbacks are under Common Ownership: ☐Yes ☐No

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
N	36	23S	32E		100 SOUTH	1480 WEST	32.254208°	-103.632079°	LEA

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
N	36	23S	32E		100 SOUTH	1480 WEST	32.254208°	-103.632079°	LEA

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
M	25	23S	32E		100 SOUTH	330 WEST	32.268711°	-103.635807°	LEA

Unitized Area or Area of Uniform Interest	Spacing Unit Type ☐ Horizontal ☐ Vertical	Ground Floor Elevation:

OPERATOR CERTIFICATIONS

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.

Signature Date

Shelly Bowen

Printed Name

shelly.bowen@coterra.com

Email Address

SURVEYOR CERTIFICATIONS

I hereby certify that the well location shown on this plat was plotted from the field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

PAUL BUCHELE NEW MEXICO 23782 PROFESSIONAL SURVEYOR 08-23-25

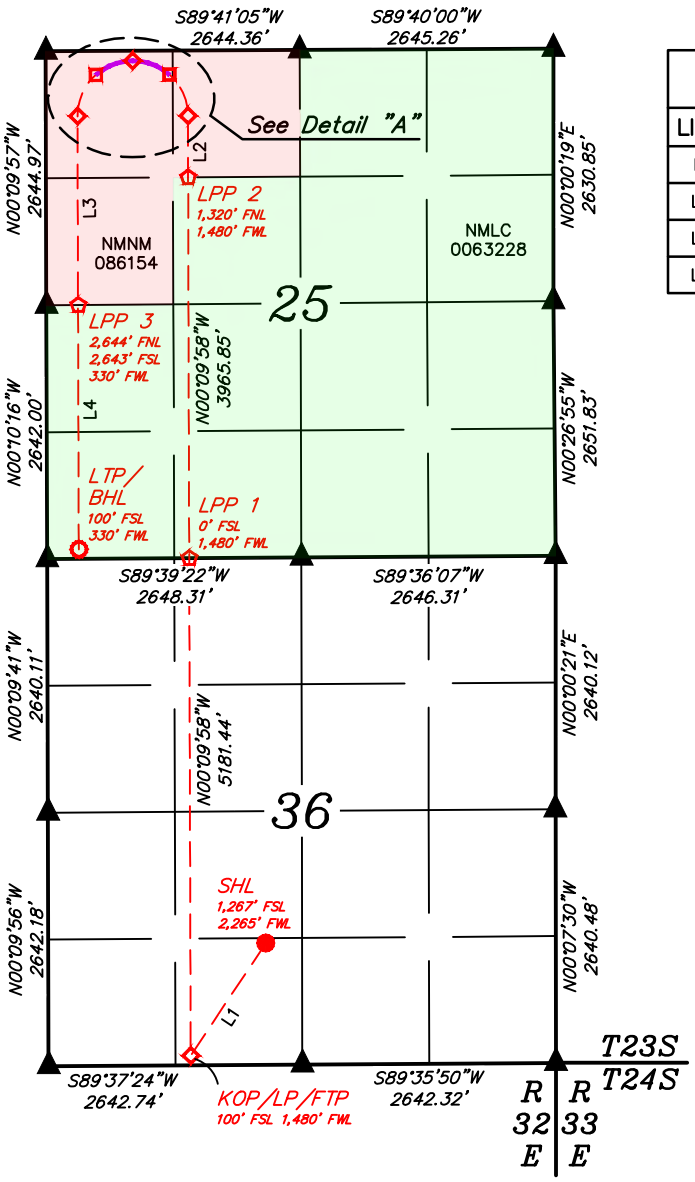
Signature and Seal of Professional Surveyor

23782 July 19, 2024

Certificate Number Date of Survey

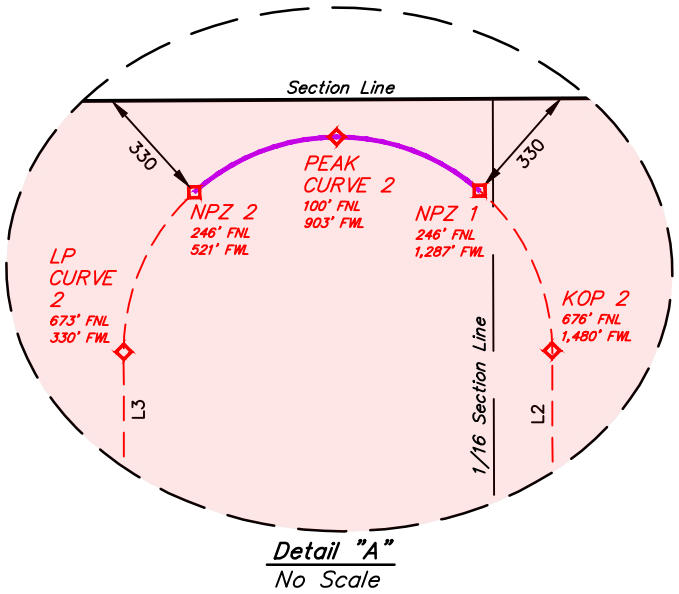
Note: No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.

Property Name	Well Number	Drawn By	Revised By
TRISTE DRAW 36-25 FEDERAL COM	221H	T.I.R. 08-23-25	



LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S33°41'09"W	1408.91'
L2	N00°09'58"W	643.88'
L3	S00°10'08"E	1970.55'
L4	S00°10'08"E	2542.77'

- = SURFACE HOLE LOCATION
- = KICK OFF POINT/LANDING POINT/FIRST TAKE POINT
- = NPZ POINT
- = LAST TAKE POINT/ BOTTOM HOLE LOCATION
- = SECTION CORNER LOCATED
- = NON-PERFORATION ZONE
- = DEDICATED ACREAGE



Detail "A"
No Scale

SCALE

NAD 83 (SURFACE HOLE LOCATION)
LATITUDE = 32°15'26.73" (32.257425°)
LONGITUDE = -103°37'46.35" (-103.629543°)
NAD 27 (SURFACE HOLE LOCATION)
LATITUDE = 32°15'26.28" (32.257301°)
LONGITUDE = -103°37'44.62" (-103.629061°)
STATE PLANE NAD 83 (N.M. EAST)
N: 458097.54' E: 758894.88'
STATE PLANE NAD 27 (N.M. EAST)
N: 458038.40' E: 717711.16'

NAD 83 (KOP/LP/FTP)
LATITUDE = 32°15'15.15" (32.254208°)
LONGITUDE = -103°37'55.48" (-103.632079°)
NAD 27 (KOP/LP/FTP)
LATITUDE = 32°15'14.70" (32.254084°)
LONGITUDE = -103°37'53.75" (-103.631597°)
STATE PLANE NAD 83 (N.M. EAST)
N: 456922.14' E: 758118.50'
STATE PLANE NAD 27 (N.M. EAST)
N: 456863.03' E: 716934.75'

NAD 83 (LPP 1)
LATITUDE = 32°16'06.41" (32.268448°)
LONGITUDE = -103°37'55.52" (-103.632088°)
NAD 27 (LPP 1)
LATITUDE = 32°16'05.97" (32.268324°)
LONGITUDE = -103°37'53.78" (-103.631606°)
STATE PLANE NAD 83 (N.M. EAST)
N: 462102.54' E: 758081.78'
STATE PLANE NAD 27 (N.M. EAST)
N: 462043.28' E: 716898.16'

NOTE:
- Distances referenced on plat to section lines are perpendicular.
- Basis of Bearings is a Transverse Mercator Projection with a Central Meridian of W103°53'00" (NAD 83)
- Colored areas within section lines represent Oil & Gas Leases.

NAD 83 (LPP 2)
LATITUDE = 32°16'45.65" (32.279347°)
LONGITUDE = -103°37'55.54" (-103.632095°)
NAD 27 (LPP 2)
LATITUDE = 32°16'45.20" (32.279224°)
LONGITUDE = -103°37'53.81" (-103.631613°)
STATE PLANE NAD 83 (N.M. EAST)
N: 466067.59' E: 758053.66'
STATE PLANE NAD 27 (N.M. EAST)
N: 466008.22' E: 716870.14'

NAD 83 (KOP 2)
LATITUDE = 32°16'52.02" (32.281117°)
LONGITUDE = -103°37'55.55" (-103.632096°)
NAD 27 (KOP 2)
LATITUDE = 32°16'51.58" (32.280993°)
LONGITUDE = -103°37'53.81" (-103.631614°)
STATE PLANE NAD 83 (N.M. EAST)
N: 466711.35' E: 758049.09'
STATE PLANE NAD 27 (N.M. EAST)
N: 466651.95' E: 716865.59'

NAD 83 (NPZ 1)
LATITUDE = 32°16'56.27" (32.282298°)
LONGITUDE = -103°37'57.80" (-103.632722°)
NAD 27 (NPZ 1)
LATITUDE = 32°16'55.83" (32.282174°)
LONGITUDE = -103°37'56.06" (-103.632240°)
STATE PLANE NAD 83 (N.M. EAST)
N: 467139.75' E: 757852.98'
STATE PLANE NAD 27 (N.M. EAST)
N: 467080.35' E: 716669.49'

NAD 83 (PEAK CURVE 2)
LATITUDE = 32°16'57.71" (32.282696°)
LONGITUDE = -103°38'02.27" (-103.633963°)
NAD 27 (PEAK CURVE 2)
LATITUDE = 32°16'57.26" (32.282573°)
LONGITUDE = -103°38'00.53" (-103.633481°)
STATE PLANE NAD 83 (N.M. EAST)
N: 467282.14' E: 757468.42'
STATE PLANE NAD 27 (N.M. EAST)
N: 467222.73' E: 716284.93'

NAD 83 (NPZ 2)
LATITUDE = 32°16'56.25" (32.282291°)
LONGITUDE = -103°38'06.72" (-103.635200°)
NAD 27 (NPZ 2)
LATITUDE = 32°16'55.80" (32.282168°)
LONGITUDE = -103°38'04.98" (-103.634718°)
STATE PLANE NAD 83 (N.M. EAST)
N: 467132.33' E: 757087.13'
STATE PLANE NAD 27 (N.M. EAST)
N: 467072.92' E: 715903.64'

NAD 83 (LP CURVE 2)
LATITUDE = 32°16'52.01" (32.281115°)
LONGITUDE = -103°38'08.94" (-103.635817°)
NAD 27 (LP CURVE 2)
LATITUDE = 32°16'51.57" (32.280991°)
LONGITUDE = -103°38'07.20" (-103.635334°)
STATE PLANE NAD 83 (N.M. EAST)
N: 466703.22' E: 756899.33'
STATE PLANE NAD 27 (N.M. EAST)
N: 466643.83' E: 715715.83'

NAD 83 (LPP 3)
LATITUDE = 32°16'32.52" (32.275699°)
LONGITUDE = -103°38'08.93" (-103.635813°)
NAD 27 (LPP 3)
LATITUDE = 32°16'32.07" (32.275576°)
LONGITUDE = -103°38'07.19" (-103.635330°)
STATE PLANE NAD 83 (N.M. EAST)
N: 464733.06' E: 756913.39'
STATE PLANE NAD 27 (N.M. EAST)
N: 464673.73' E: 715729.84'

NAD 83 (LTP/BHL)
LATITUDE = 32°16'07.36" (32.268711°)
LONGITUDE = -103°38'08.91" (-103.635807°)
NAD 27 (LTP/BHL)
LATITUDE = 32°16'06.92" (32.268588°)
LONGITUDE = -103°38'07.17" (-103.635325°)
STATE PLANE NAD 83 (N.M. EAST)
N: 462190.80' E: 756931.54'
STATE PLANE NAD 27 (N.M. EAST)
N: 462131.54' E: 715747.93'

C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024 Submittal Type: ☐ Initial Submittal ☐ Amended Report ☐ As Drilled

WELL LOCATION INFORMATION

API Number	Pool Code	Pool Name	
Property Code	Property Name TRISTE DRAW 36-25 FEDERAL COM		Well Number 301H
OGRID No.	Operator Name CIMAREX ENERGY CO.		Ground Level Elevation 3660.6'
Surface Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal		Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal	

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
N	36	23S	32E		1267 SOUTH	2245 WEST	32.257425°	-103.629607°	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
D	25	23S	32E		100 NORTH	760 WEST	32.282695°	-103.634427°	LEA

Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers.			Well setbacks are under Common Ownership: ☐Yes ☐No	

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
M	36	23S	32E		100 SOUTH	760 WEST	32.254200°	-103.634407°	LEA

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
M	36	23S	32E		100 SOUTH	760 WEST	32.254200°	-103.634407°	LEA

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
D	25	23S	32E		100 NORTH	760 WEST	32.282695°	-103.634427°	LEA

Unitized Area or Area of Uniform Interest	Spacing Unit Type ☐ Horizontal ☐ Vertical	Ground Floor Elevation:

OPERATOR CERTIFICATIONS

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.

Signature Date

Shelly Bowen

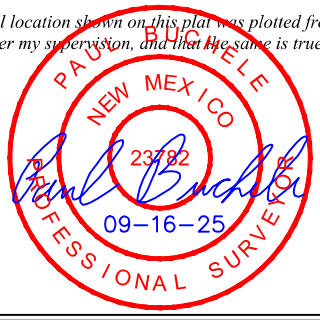
Printed Name

shelly.bowen@coterra.com

Email Address

SURVEYOR CERTIFICATIONS

I hereby certify that the well location shown on this plat was plotted from the field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.



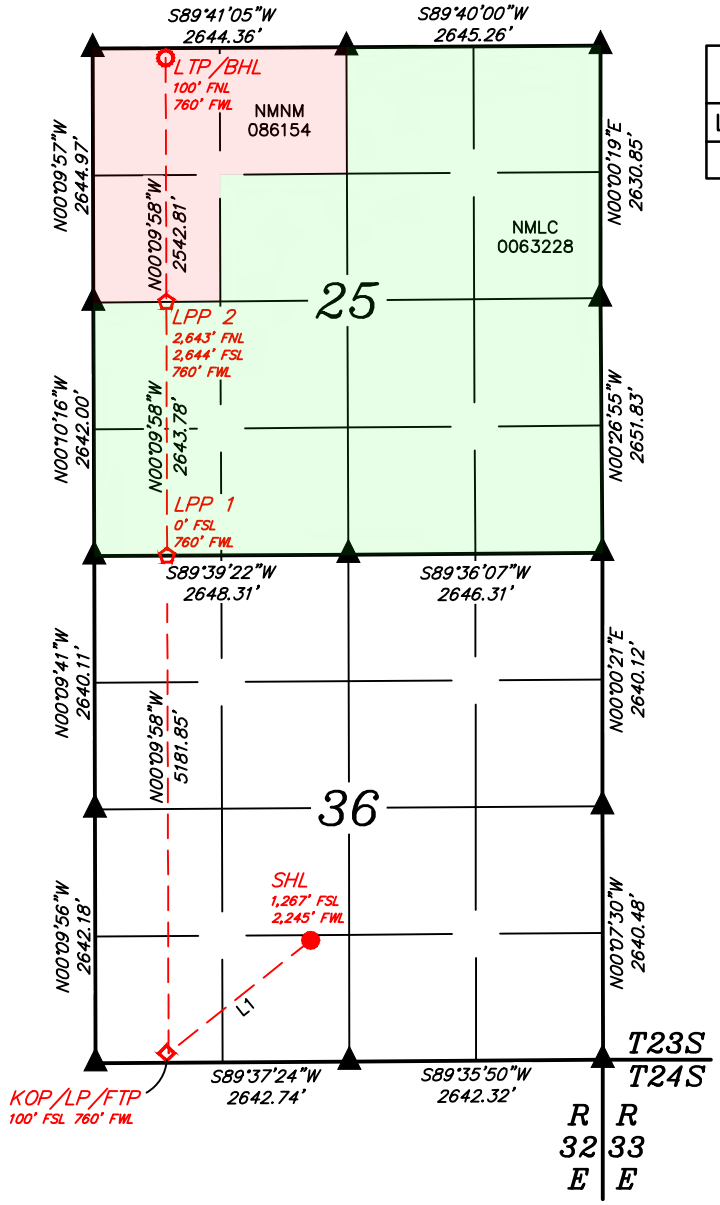
Signature and Seal of Professional Surveyor

23782 July 19, 2024

Certificate Number Date of Survey

Note: No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.

Property Name	Well Number	Drawn By	Revised By
TRISTE DRAW 36-25 FEDERAL COM	301H	D.J.S. 09-28-23	REV. 3 H.S.S. 09-16-25 (WELL BORE CHANGES)



LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S51°32'02"W	1892.04'

NOTE:

- Distances referenced on plat to section lines are perpendicular.
- Basis of Bearings is a Transverse Mercator Projection with a Central Meridian of W103°53'00" (NAD 83)
- Colored areas within section lines represent Oil & Gas Leases.

NAD 83 (SURFACE HOLE LOCATION)
LATITUDE = 32°15'26.73" (32.257425°)
LONGITUDE = -103°37'46.59" (-103.629607°)
NAD 27 (SURFACE HOLE LOCATION)
LATITUDE = 32°15'26.28" (32.257301°)
LONGITUDE = -103°37'44.85" (-103.629126°)
STATE PLANE NAD 83 (N.M. EAST)
N: 458097.33' E: 758874.89'
STATE PLANE NAD 27 (N.M. EAST)
N: 458038.18' E: 717691.16'

NAD 83 (KOP/LP/FTP)
LATITUDE = 32°15'15.12" (32.254200°)
LONGITUDE = -103°38'03.87" (-103.634407°)
NAD 27 (KOP/LP/FTP)
LATITUDE = 32°15'14.67" (32.254076°)
LONGITUDE = -103°38'02.13" (-103.633926°)
STATE PLANE NAD 83 (N.M. EAST)
N: 456914.39' E: 757398.67'
STATE PLANE NAD 27 (N.M. EAST)
N: 456855.28' E: 716214.91'

- ● = SURFACE HOLE LOCATION
- ◇ = KICK OFF POINT/LANDING POINT/ FIRST TAKE POINT
- ○ = LAST TAKE POINT/ BOTTOM HOLE LOCATION
- ⬠ = LEASE PENETRATION POINT
- ▲ = SECTION CORNER LOCATED

NAD 83 (LPP 1)
LATITUDE = 32°16'06.39" (32.268441°)
LONGITUDE = -103°38'03.90" (-103.634417°)
NAD 27 (LPP 1)
LATITUDE = 32°16'05.94" (32.268317°)
LONGITUDE = -103°38'02.17" (-103.633935°)
STATE PLANE NAD 83 (N.M. EAST)
N: 462095.20' E: 757361.94'
STATE PLANE NAD 27 (N.M. EAST)
N: 462035.94' E: 716178.32'

NAD 83 (LPP 2)
LATITUDE = 32°16'32.54" (32.275706°)
LONGITUDE = -103°38'03.92" (-103.634422°)
NAD 27 (LPP 2)
LATITUDE = 32°16'32.10" (32.275583°)
LONGITUDE = -103°38'02.18" (-103.633940°)
STATE PLANE NAD 83 (N.M. EAST)
N: 464738.45' E: 757343.19'
STATE PLANE NAD 27 (N.M. EAST)
N: 464679.11' E: 716159.64'

NAD 83 (LTP/BHL)
LATITUDE = 32°16'57.70" (32.282695°)
LONGITUDE = -103°38'03.94" (-103.634427°)
NAD 27 (LTP/BHL)
LATITUDE = 32°16'57.26" (32.282571°)
LONGITUDE = -103°38'02.20" (-103.633944°)
STATE PLANE NAD 83 (N.M. EAST)
N: 467280.75' E: 757325.17'
STATE PLANE NAD 27 (N.M. EAST)
N: 467221.34' E: 716141.68'

C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024 Submittal Type: ☐ Initial Submittal ☐ Amended Report ☐ As Drilled

WELL LOCATION INFORMATION

API Number	Pool Code	Pool Name	
Property Code	Property Name TRISTE DRAW 36-25 FEDERAL COM		Well Number 302H
OGRID No.	Operator Name CIMAREX ENERGY CO.		Ground Level Elevation 3,660.3'
Surface Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal		Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal	

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
N	36	23S	32E		1,267 SOUTH	2,285 WEST	32.257425°	-103.629478°	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
C	25	23S	32E		100 NORTH	2,080 WEST	32.282706°	-103.630156°	LEA

Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers.			Well setbacks are under Common Ownership: ☐Yes ☐No	

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
N	36	23S	32E		100 SOUTH	2,080 WEST	32.254215°	-103.630138°	LEA

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
N	36	23S	32E		100 SOUTH	2,080 WEST	32.254215°	-103.630138°	LEA

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
C	25	23S	32E		100 NORTH	2,080 WEST	32.282706°	-103.630156°	LEA

Unitized Area or Area of Uniform Interest	Spacing Unit Type ☐ Horizontal ☐ Vertical	Ground Floor Elevation:

OPERATOR CERTIFICATIONS

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.

Signature Date

Shelly Bowen

Printed Name

shelly.bowen@coterra.com

Email Address

SURVEYOR CERTIFICATIONS

I hereby certify that the well location shown on this plat was plotted from the field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

PAUL BUCHELE NEW MEXICO 23782 PROFESSIONAL SURVEYOR 09-16-25

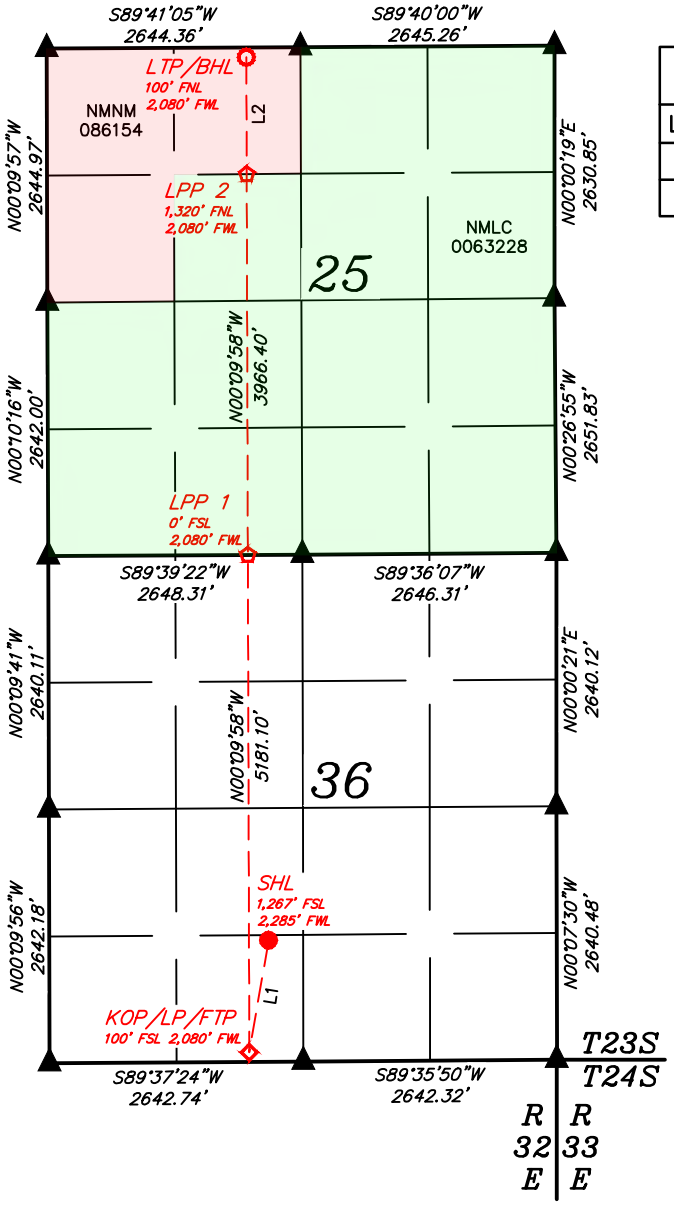
Signature and Seal of Professional Surveyor

23782 September 15, 2023

Certificate Number Date of Survey

Note: No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.

Property Name	Well Number	Drawn By	Revised By
TRISTE DRAW 36-25 FEDERAL COM	302H	D.J.S. 09-28-23	REV. 3 H.S.S. 09-16-25 (WELL BORE CHANGES)



LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S09°46'52"W	1185.76'
L2	N00°09'58"W	1219.53'

NOTE:
- Distances referenced on plat to section lines are perpendicular.
- Basis of Bearings is a Transverse Mercator Projection with a Central Meridian of W103°53'00" (NAD 83)
- Colored areas within section lines represent Federal Oil & Gas Leases.

2000' 1000' 0' 2000'

SCALE

NAD 83 (SURFACE HOLE LOCATION)
LATITUDE = 32°15'26.73" (32.257425°)
LONGITUDE = -103°37'46.12" (-103.629478°)
NAD 27 (SURFACE HOLE LOCATION)
LATITUDE = 32°15'26.29" (32.257301°)
LONGITUDE = -103°37'44.39" (-103.628996°)
STATE PLANE NAD 83 (N.M. EAST)
N: 458097.76' E: 758914.88'
STATE PLANE NAD 27 (N.M. EAST)
N: 458038.61' E: 717731.15'

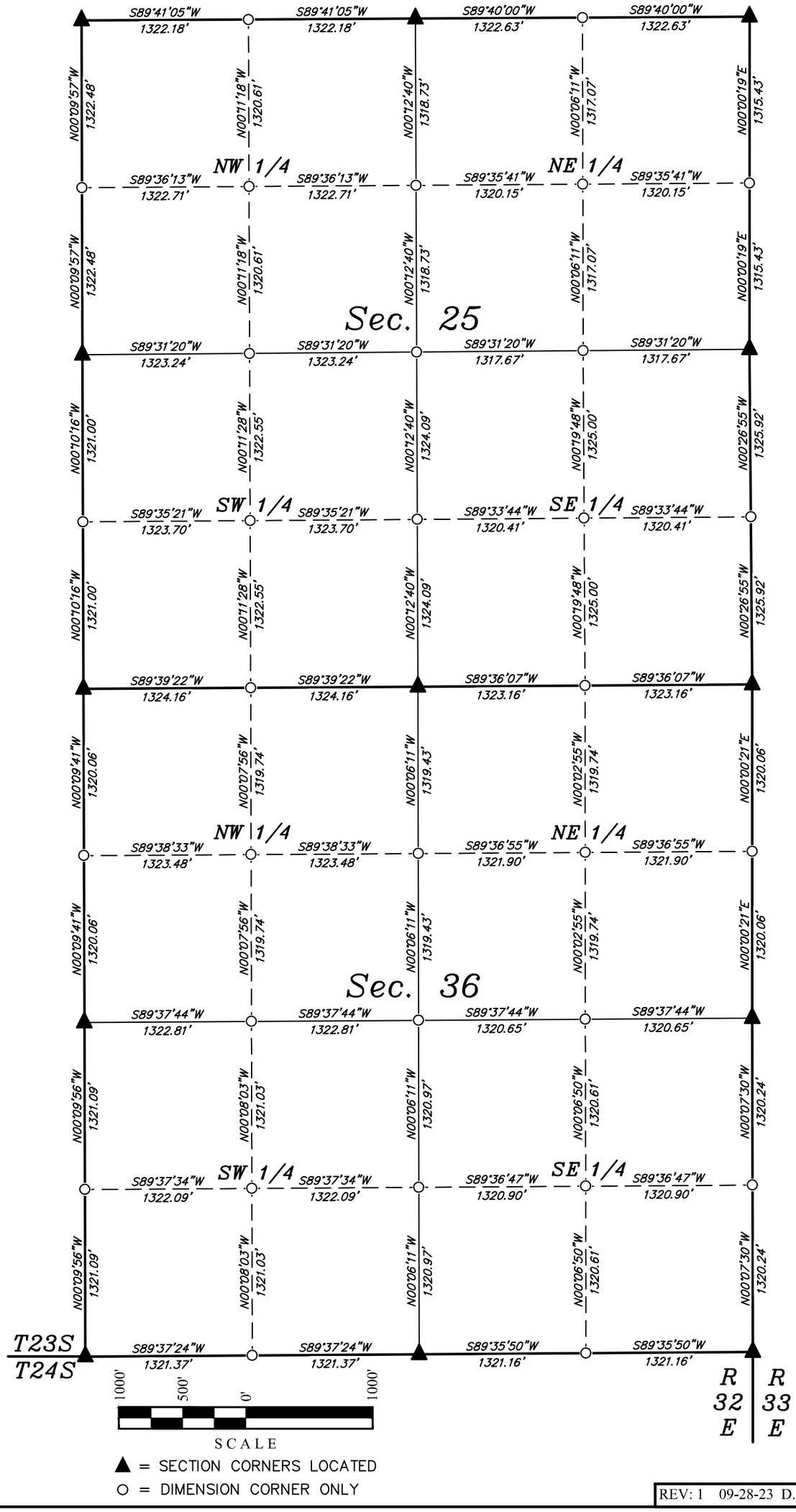
NAD 83 (KOP/LP/FTP)
LATITUDE = 32°15'15.17" (32.254215°)
LONGITUDE = -103°37'48.50" (-103.630138°)
NAD 27 (KOP/LP/FTP)
LATITUDE = 32°15'14.73" (32.254091°)
LONGITUDE = -103°37'46.77" (-103.629657°)
STATE PLANE NAD 83 (N.M. EAST)
N: 456928.60' E: 758718.37'
STATE PLANE NAD 27 (N.M. EAST)
N: 456869.49' E: 717534.61'

- = SURFACE HOLE LOCATION
- = KICK OFF POINT/LANDING POINT/ FIRST TAKE POINT
- = LAST TAKE POINT/ BOTTOM HOLE LOCATION
- = LEASE PENETRATION POINT
- = SECTION CORNER LOCATED

NAD 83 (LPP 1)
LATITUDE = 32°16'06.43" (32.268454°)
LONGITUDE = -103°37'48.53" (-103.630147°)
NAD 27 (LPP 1)
LATITUDE = 32°16'05.99" (32.268330°)
LONGITUDE = -103°37'46.80" (-103.629666°)
STATE PLANE NAD 83 (N.M. EAST)
N: 462108.66' E: 758681.64'
STATE PLANE NAD 27 (N.M. EAST)
N: 462049.40' E: 717498.02'

NAD 83 (LPP 2)
LATITUDE = 32°16'45.68" (32.279355°)
LONGITUDE = -103°37'48.56" (-103.630154°)
NAD 27 (LPP 2)
LATITUDE = 32°16'45.23" (32.279231°)
LONGITUDE = -103°37'46.82" (-103.629672°)
STATE PLANE NAD 83 (N.M. EAST)
N: 466074.26' E: 758653.52'
STATE PLANE NAD 27 (N.M. EAST)
N: 466014.89' E: 717470.00'

NAD 83 (LTP/BHL)
LATITUDE = 32°16'57.74" (32.282706°)
LONGITUDE = -103°37'48.56" (-103.630156°)
NAD 27 (LTP/BHL)
LATITUDE = 32°16'57.30" (32.282583°)
LONGITUDE = -103°37'46.83" (-103.629674°)
STATE PLANE NAD 83 (N.M. EAST)
N: 467293.55' E: 758644.88'
STATE PLANE NAD 27 (N.M. EAST)
N: 467234.14' E: 717461.39'



REV: 1 09-28-23 D.J.S. (PAD MOVE)

BASIS OF BEARINGS

BASIS OF BEARING IS A TRANSVERSE MERCATOR PROJECTION WITH A CENTRAL MERIDIAN OF W103°53'00"

UELS, LLC
Corporate Office * 85 South 200 East
Vernal, UT 84078 * (435) 789-1017

UINTAH ENGINEERING & LAND SURVEYING

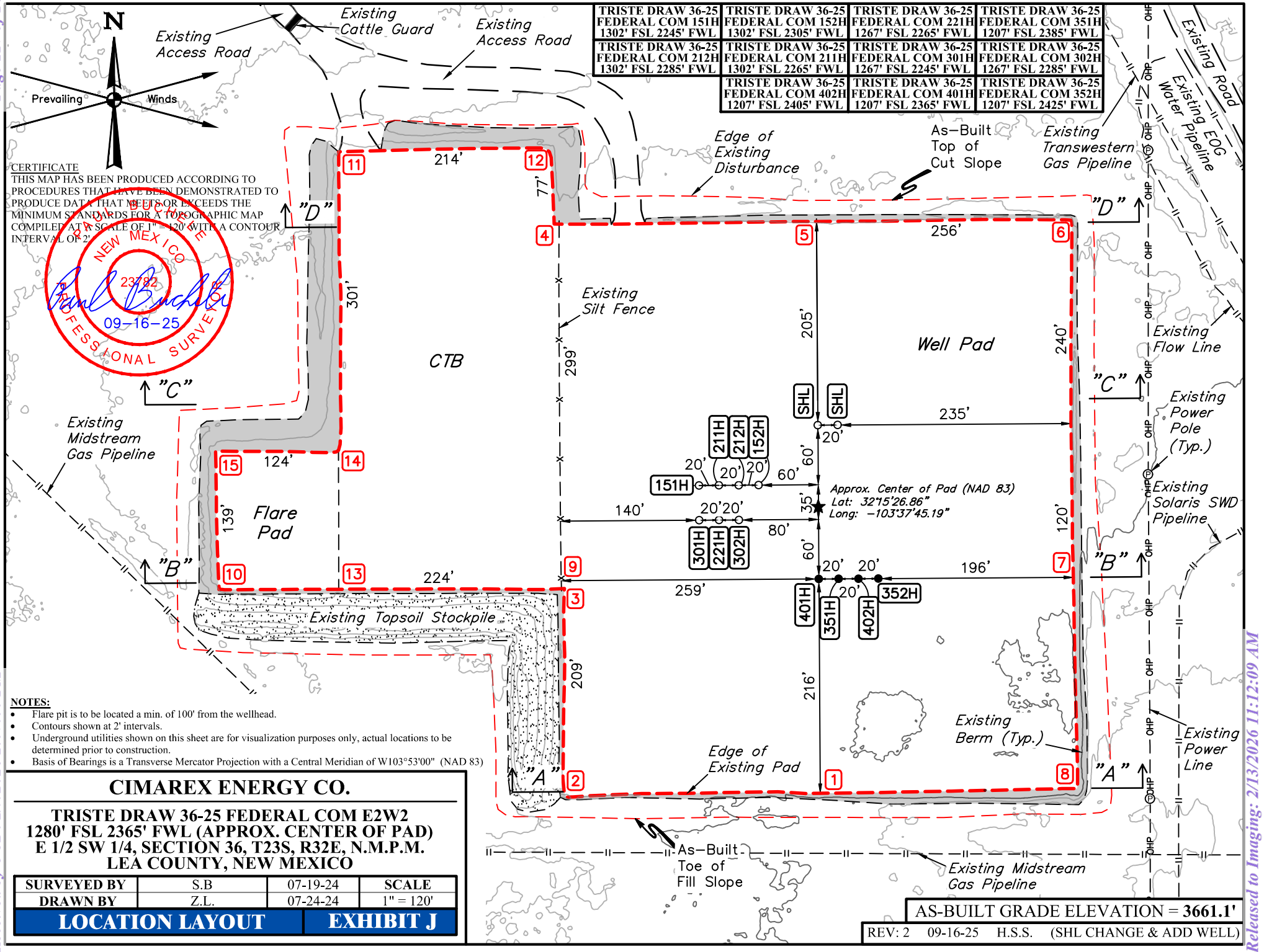
N

CIMAREX ENERGY CO.

TRISTE DRAW 36-25 FEDERAL COM E2W2 PAD
1280' FSL 2365' FWL (APPROX. CENTER OF PAD)
E 1/2 SW 1/4, SECTION 36, T23S, R32E, N.M.P.M.
LEA COUNTY, NEW MEXICO

SURVEYED BY	S.R., R.R.	11-13-19	SCALE
DRAWN BY	D.J.S.	12-02-19	1" = 1000'

SECTION BREAKDOWN



NOTES:

- Flare pit is to be located a min. of 100' from the wellhead.
- Contours shown at 2' intervals.
- Underground utilities shown on this sheet are for visualization purposes only, actual locations to be determined prior to construction.
- Basis of Bearings is a Transverse Mercator Projection with a Central Meridian of W103°53'00" (NAD 83)

CIMAREX ENERGY CO.

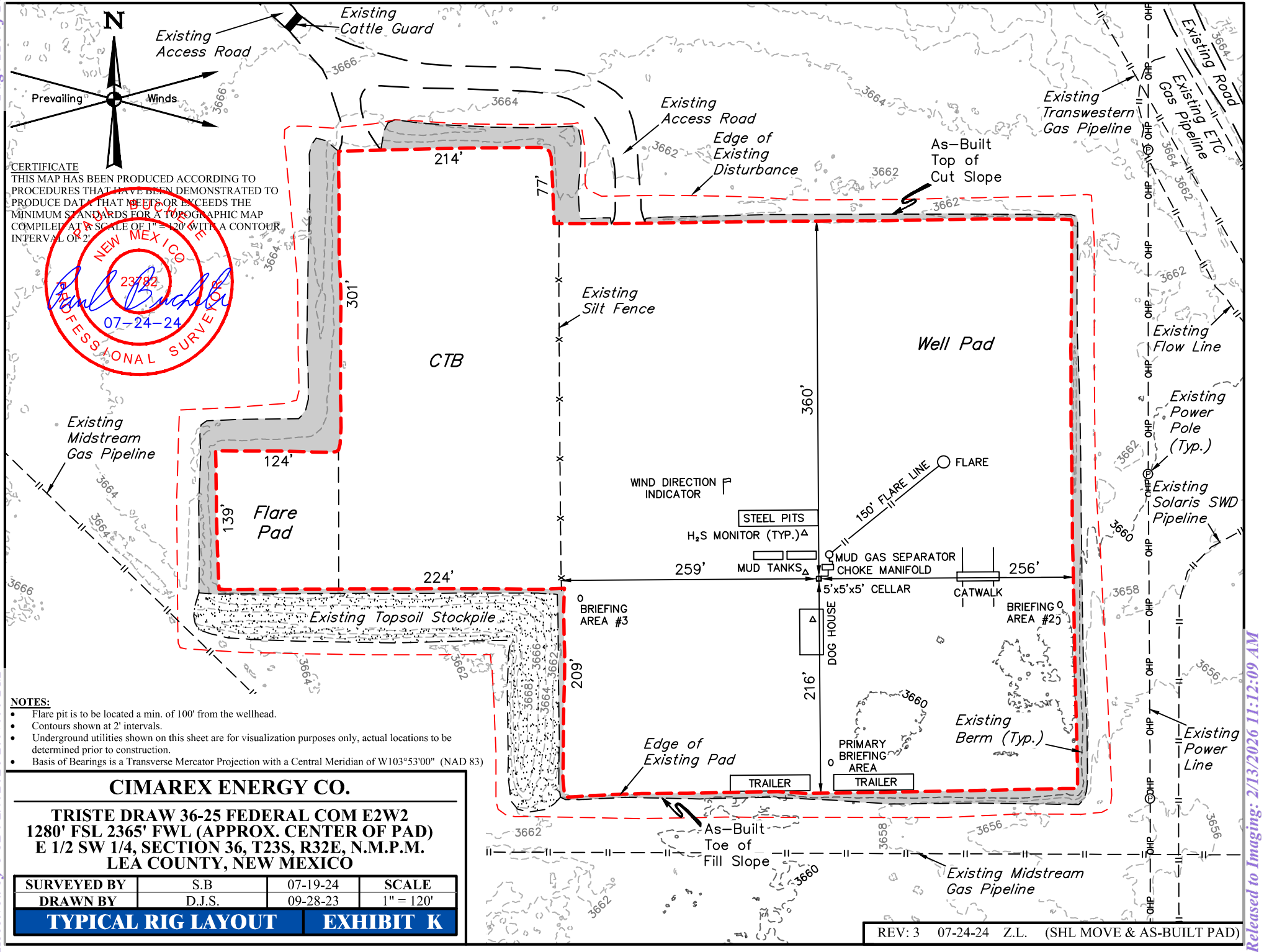
TRISTE DRAW 36-25 FEDERAL COM E2W2
1280' FSL 2365' FWL (APPROX. CENTER OF PAD)
E 1/2 SW 1/4, SECTION 36, T23S, R32E, N.M.P.M.
LEA COUNTY, NEW MEXICO

SURVEYED BY	S.B	07-19-24	SCALE
DRAWN BY	Z.L.	07-24-24	1" = 120'

LOCATION LAYOUT **EXHIBIT J**

AS-BUILT GRADE ELEVATION = **3661.1'**

REV: 2 09-16-25 H.S.S. (SHL CHANGE & ADD WELL)



CERTIFICATE
THIS MAP HAS BEEN PRODUCED ACCORDING TO PROCEDURES THAT HAVE BEEN DEMONSTRATED TO PRODUCE DATA THAT MEETS OR EXCEEDS THE MINIMUM STANDARDS FOR A TOPOGRAPHIC MAP COMPILED AT A SCALE OF 1" = 120' WITH A CONTOUR INTERVAL OF 2'.

PAUL BUCHELE — NEW MEXICO — 23782 — 07-24-24 — PROFESSIONAL SURVEYOR

NOTES:

- Flare pit is to be located a min. of 100' from the wellhead.
- Contours shown at 2' intervals.
- Underground utilities shown on this sheet are for visualization purposes only, actual locations to be determined prior to construction.
- Basis of Bearings is a Transverse Mercator Projection with a Central Meridian of W103°53'00" (NAD 83)

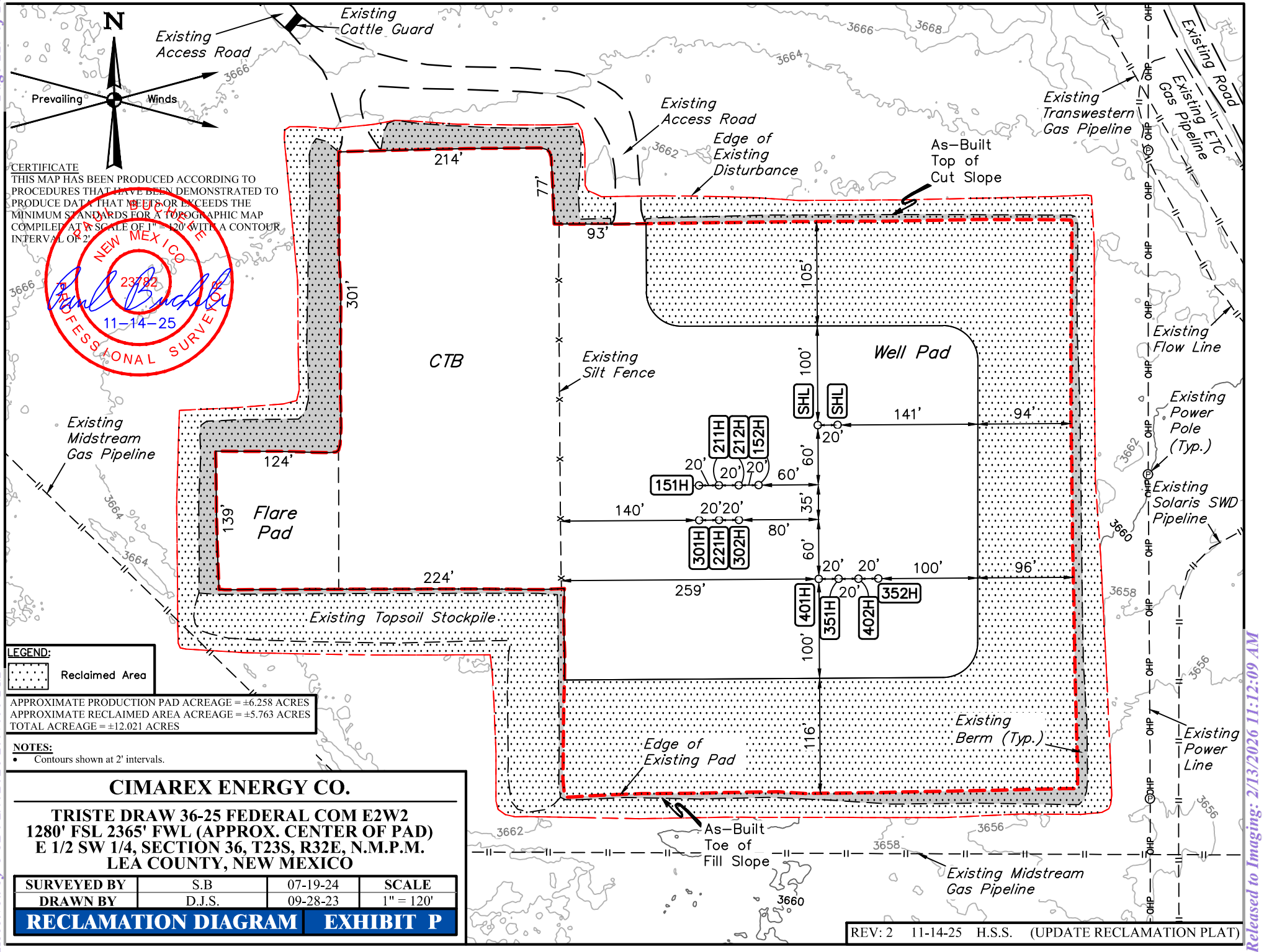
CIMAREX ENERGY CO.

TRISTE DRAW 36-25 FEDERAL COM E2W2
1280' FSL 2365' FWL (APPROX. CENTER OF PAD)
E 1/2 SW 1/4, SECTION 36, T23S, R32E, N.M.P.M.
LEA COUNTY, NEW MEXICO

SURVEYED BY	S.B	07-19-24	SCALE
DRAWN BY	D.J.S.	09-28-23	1" = 120'

TYPICAL RIG LAYOUT | **EXHIBIT K**

REV: 3 07-24-24 Z.L. (SHL MOVE & AS-BUILT PAD)



LEGEND:

Reclaimed Area

APPROXIMATE PRODUCTION PAD ACREAGE = ±6.258 ACRES
APPROXIMATE RECLAIMED AREA ACREAGE = ±5.763 ACRES
TOTAL ACREAGE = ±12.021 ACRES

NOTES:

- Contours shown at 2' intervals.

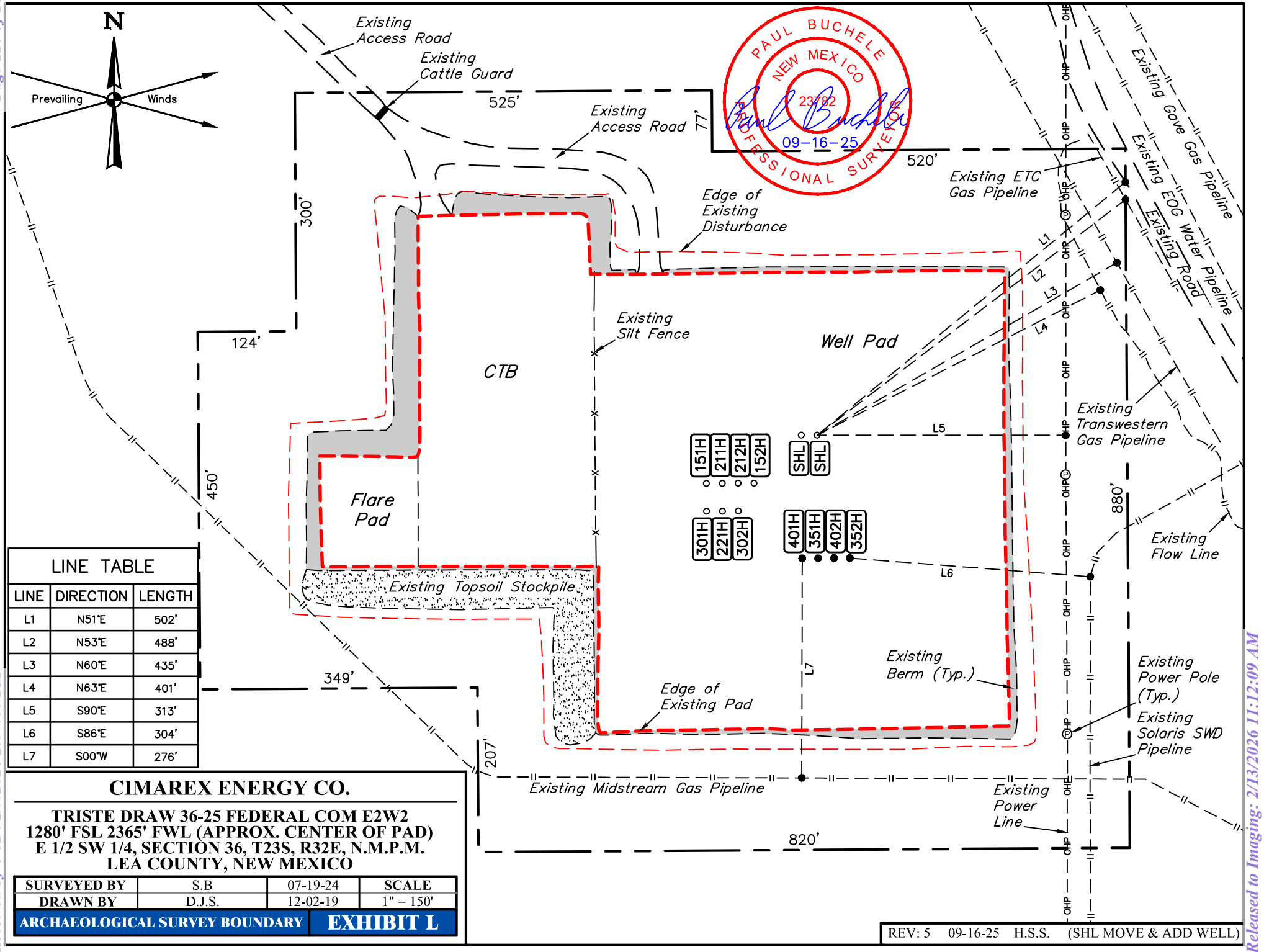
CIMAREX ENERGY CO.

TRISTE DRAW 36-25 FEDERAL COM E2W2
1280' FSL 2365' FWL (APPROX. CENTER OF PAD)
E 1/2 SW 1/4, SECTION 36, T23S, R32E, N.M.P.M.
LEA COUNTY, NEW MEXICO

SURVEYED BY	S.B	07-19-24	SCALE
DRAWN BY	D.J.S.	09-28-23	1" = 120'

RECLAMATION DIAGRAM **EXHIBIT P**

REV: 2 11-14-25 H.S.S. (UPDATE RECLAMATION PLAT)



LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N51°E	502'
L2	N53°E	488'
L3	N60°E	435'
L4	N63°E	401'
L5	S90°E	313'
L6	S86°E	304'
L7	S00°W	276'

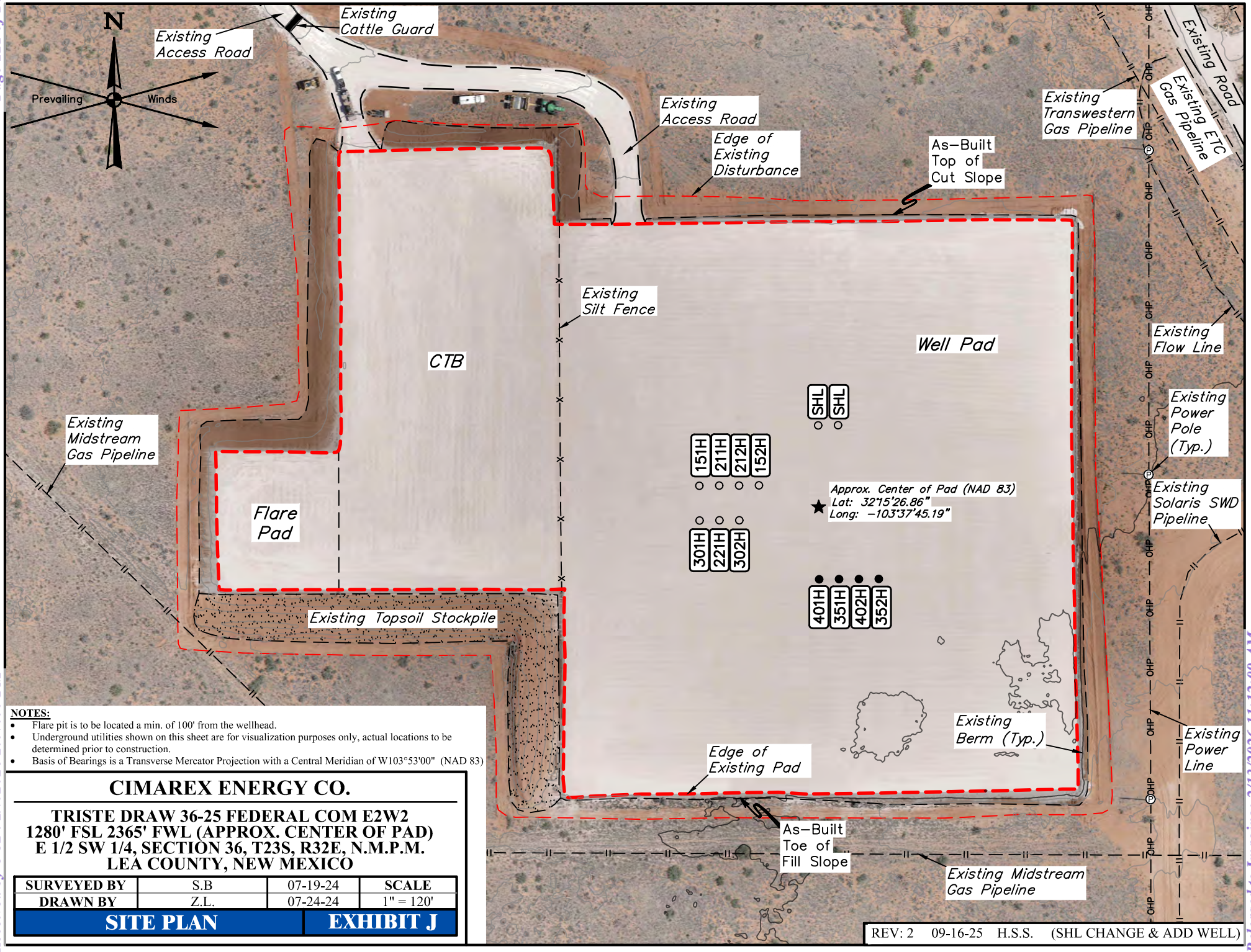
CIMAREX ENERGY CO.

TRISTE DRAW 36-25 FEDERAL COM E2W2
1280' FSL 2365' FWL (APPROX. CENTER OF PAD)
E 1/2 SW 1/4, SECTION 36, T23S, R32E, N.M.P.M.
LEA COUNTY, NEW MEXICO

SURVEYED BY	S.B	07-19-24	SCALE
DRAWN BY	D.J.S.	12-02-19	1" = 150'

ARCHAEOLOGICAL SURVEY BOUNDARY **EXHIBIT L**

REV: 5 09-16-25 H.S.S. (SHL MOVE & ADD WELL)



NOTES:

- Flare pit is to be located a min. of 100' from the wellhead.
- Underground utilities shown on this sheet are for visualization purposes only, actual locations to be determined prior to construction.
- Basis of Bearings is a Transverse Mercator Projection with a Central Meridian of W103°53'00" (NAD 83)

CIMAREX ENERGY CO.

TRISTE DRAW 36-25 FEDERAL COM E2W2
1280' FSL 2365' FWL (APPROX. CENTER OF PAD)
E 1/2 SW 1/4, SECTION 36, T23S, R32E, N.M.P.M.
LEA COUNTY, NEW MEXICO

SURVEYED BY	S.B	07-19-24	SCALE
DRAWN BY	Z.L.	07-24-24	1" = 120'

SITE PLAN **EXHIBIT J**

REV: 2 09-16-25 H.S.S. (SHL CHANGE & ADD WELL)

BEGINNING AT THE INTERSECTION OF HIGHWAY 128 AND AN EXISTING ROAD TO THE NORTHWEST (LOCATED AT NAD 83 LATITUDE 32.2105° AND LONGITUDE -103.5947) PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 4.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN LEFT AND PROCEED IN A WESTERLY DIRECTION APPROXIMATELY 0.1 MILES TO THE BEGINNING OF THE EXISTING ACCESS ROAD TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE EXISTING LOCATION.

TOTAL DISTANCE FROM THE INTERSECTION OF HIGHWAY 128 AND AN EXISTING ROAD TO THE NORTHWEST (LOCATED AT NAD 83 LATITUDE 32.2105° AND LONGITUDE -103.5947) TO THE EXISTING WELL LOCATION IS APPROXIMATELY 4.6 MILES.

REV: 3 07-24-24 Z.L. (ACCESS ROAD UPDATE)

CIMAREX ENERGY CO.

TRISTE DRAW 36-25 FEDERAL COM E2W2 PAD
1280' FSL 2365' FWL (APPROX. CENTER OF PAD)
E 1/2 SW 1/4, SECTION 36, T23S, R32E, N.M.P.M.
LEA COUNTY, NEW MEXICO

SURVEYED BY	S.B.	07-19-24	
DRAWN BY	S.T.O.	12-02-19	

ROAD DESCRIPTION **EXHIBIT A**

UELS, LLC
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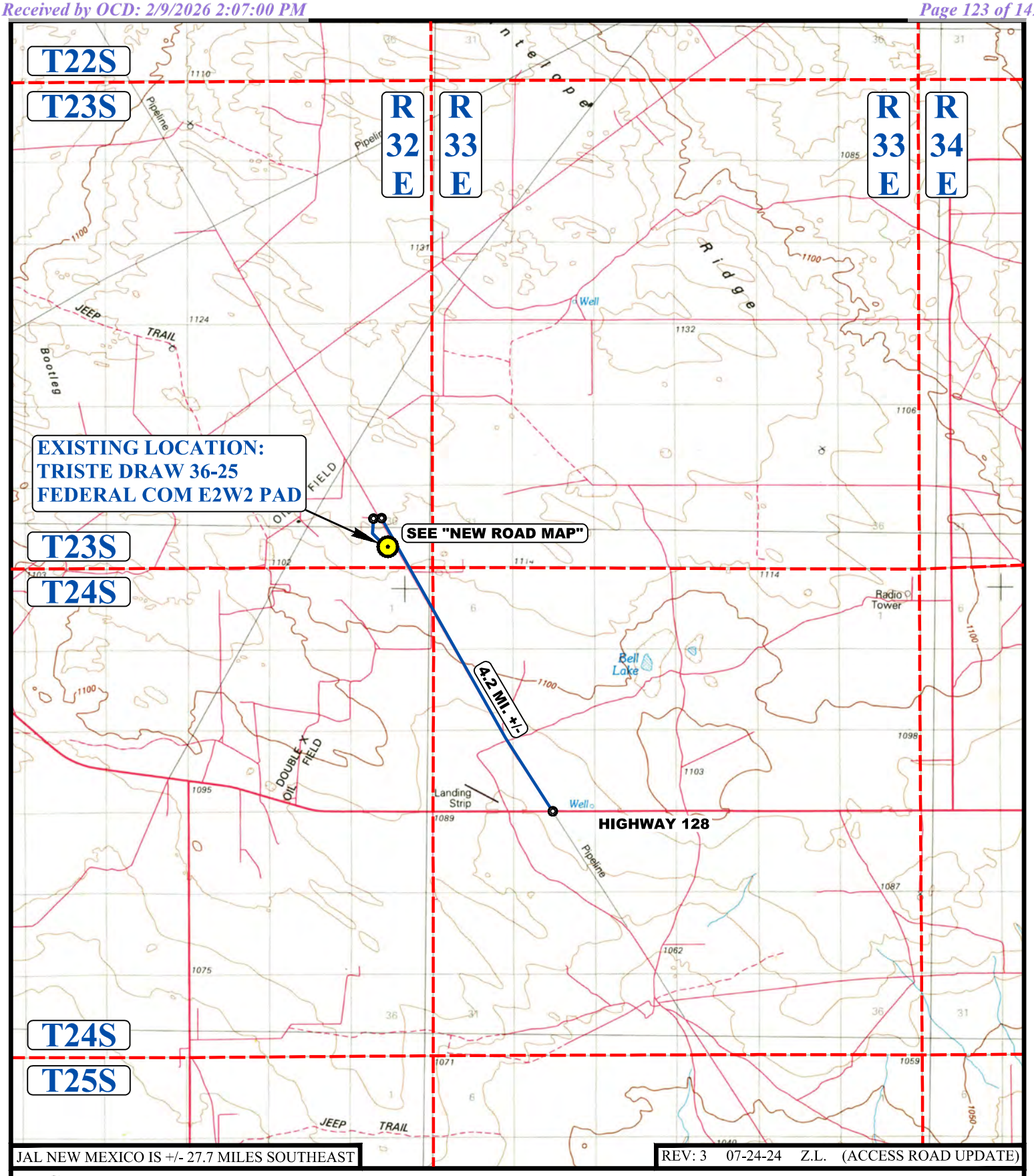
Vernal, UT 84078 * (435) 789-1017



JAL NEW MEXICO IS +/- 27.7 MILES SOUTHEAST

REV: 3 07-24-24 Z.L. (ACCESS ROAD UPDATE)

LEGEND:

⊙ EXISTING LOCATION

N

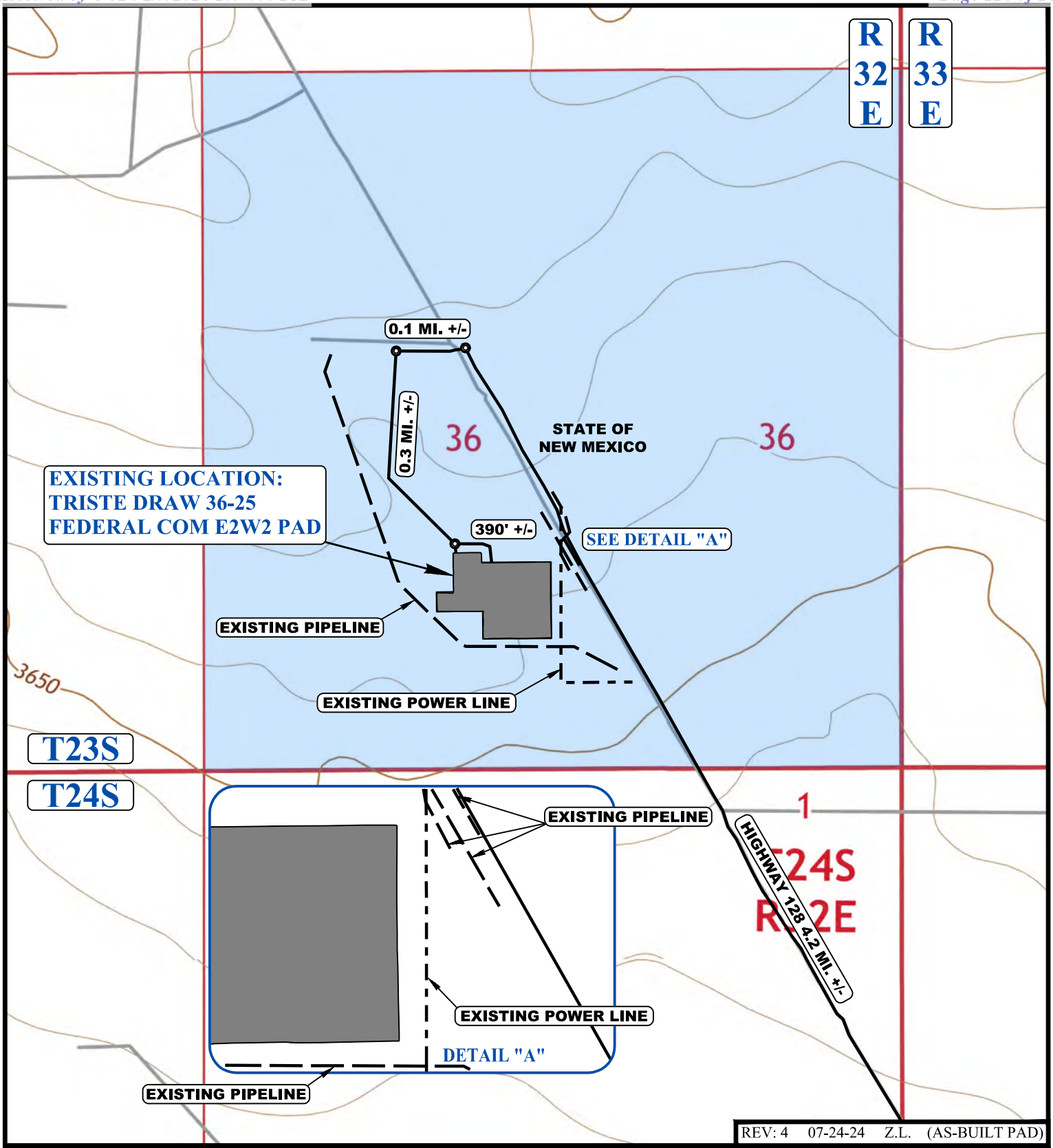
CIMAREX ENERGY CO.

TRISTE DRAW 36-25 FEDERAL COM E2W2 PAD
1280' FSL 2365' FWL (APPROX. CENTER OF PAD)
E 1/2 SW 1/4, SECTION 36, T23S, R32E, N.M.P.M.
LEA COUNTY, NEW MEXICO

SURVEYED BY	S.B.	07-19-24	SCALE
DRAWN BY	S.T.O.	12-02-19	1 : 100,000

PUBLIC ACCESS ROAD MAP **EXHIBIT B**

UINTAH ENGINEERING & LAND SURVEYING
UELS, LLC
Corporate Office * 85 South 200 East
Vernal, UT 84078 * (435) 789-1017



REV: 4 07-24-24 Z.L. (AS-BUILT PAD)

NOTE: PARCEL DATA SHOWN HAS BEEN OBTAINED FROM VARIOUS SOURCES AND SHOULD BE USED FOR MAPPING, GRAPHIC AND PLANNING PURPOSES ONLY. NO WARRANTY IS MADE BY UINTAH ENGINEERING AND LAND SURVEYING (UELS) FOR ACCURACY OF THE PARCEL DATA.

LEGEND:

- EXISTING ROAD
- EXISTING POWER LINE
- EXISTING PIPELINE

UELS, LLC
Corporate Office * 85 South 200 East
Vernal, UT 84078 * (435) 789-1017

N

CIMAREX ENERGY CO.

TRISTE DRAW 36-25 FEDERAL COM E2W2 PAD
1280' FSL 2365' FWL (APPROX. CENTER OF PAD)
E 1/2 SW 1/4, SECTION 36, T23S, R32E, N.M.P.M.
LEA COUNTY, NEW MEXICO

SURVEYED BY	S.B.	07-19-24	SCALE
DRAWN BY	S.T.O.	12-02-19	1 : 12,000

NEW ROAD MAP **EXHIBIT D**

SECTION 36 LENGTH TABLE - STATE OF NEW MEXICO LANDS

DESCRIPTION	FEET	RODS
(SE 1/4 SW 1/4)	79.99'±	4.85±
(SW 1/4 SE 1/4)	2,243.49'±	135.97±
(NW 1/4 SE 1/4)	78.70'±	4.77±
(SE 1/4 SE 1/4)	1,321.14'±	80.07±
TOTAL	3,723.32'±	225.66±

SECTION 31 LENGTH TABLE - STATE OF NEW MEXICO LANDS

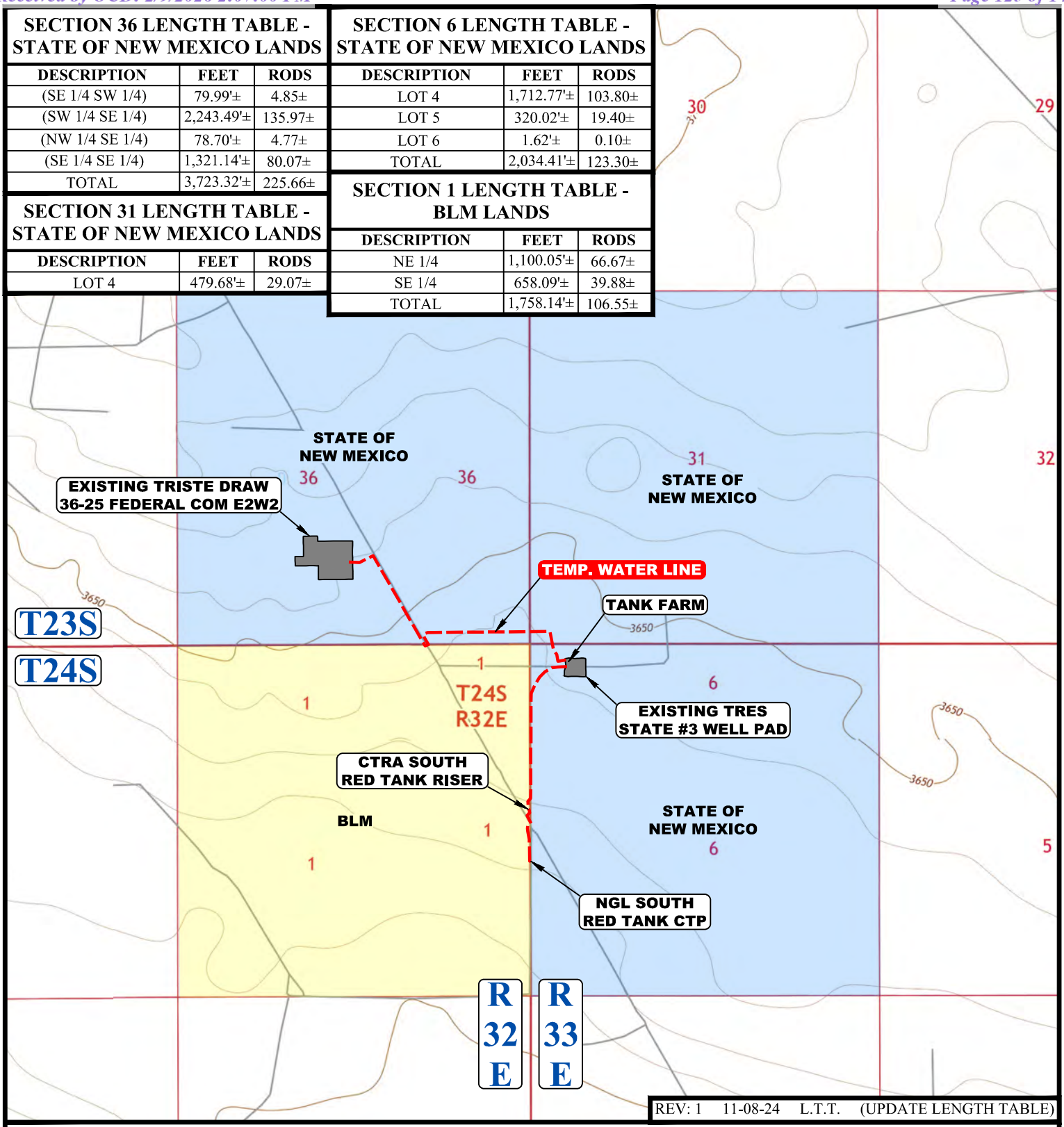
DESCRIPTION	FEET	RODS
LOT 4	479.68'±	29.07±

SECTION 6 LENGTH TABLE - STATE OF NEW MEXICO LANDS

DESCRIPTION	FEET	RODS
LOT 4	1,712.77'±	103.80±
LOT 5	320.02'±	19.40±
LOT 6	1.62'±	0.10±
TOTAL	2,034.41'±	123.30±

SECTION 1 LENGTH TABLE - BLM LANDS

DESCRIPTION	FEET	RODS
NE 1/4	1,100.05'±	66.67±
SE 1/4	658.09'±	39.88±
TOTAL	1,758.14'±	106.55±



REV: 1 11-08-24 L.T.T. (UPDATE LENGTH TABLE)

NOTE: PARCEL DATA SHOWN HAS BEEN OBTAINED FROM VARIOUS SOURCES AND SHOULD BE USED FOR MAPPING, GRAPHIC AND PLANNING PURPOSES ONLY. NO WARRANTY IS MADE BY UINTAH ENGINEERING AND LAND SURVEYING (UELS) FOR ACCURACY OF THE PARCEL DATA.

LEGEND:

TEMPORARY WATER LINE

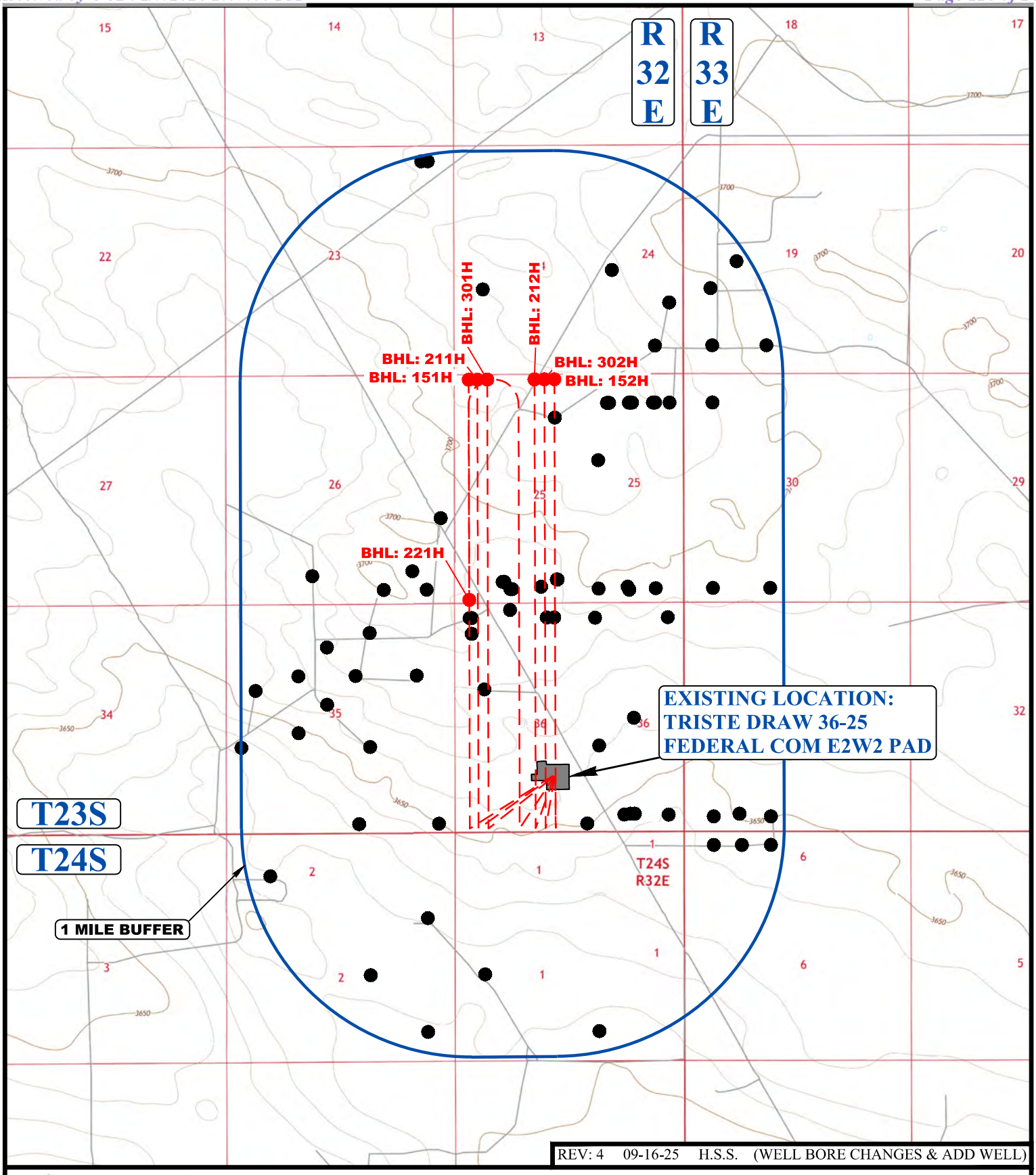
N

CIMAREX ENERGY CO.

TRISTE DRAW 36-25 FEDERAL COM E2W2 TEMP. WATER LINE
SECTION 36, T23S, R32E, SECTION 31, T23S, R33E, SECTION 1, T24S, R32E & SECTION 6, T24S, R33E, N.M.P.M.
LEA COUNTY, NEW MEXICO

SURVEYED BY	N/A	N/A	SCALE
DRAWN BY	L.T.T.	10-31-24	1 : 24,000
TEMP. WATER LINE MAP			TOPO D

UELS, LLC
Corporate Office * 85 South 200 East
Vernal, UT 84078 * (435) 789-1017



REV: 4 09-16-25 H.S.S. (WELL BORE CHANGES & ADD WELL)

LEGEND:

● EXISTING WELLS

N

CIMAREX ENERGY CO.

TRISTE DRAW 36-25 FEDERAL COM E2W2 PAD
1280' FSL 2365' FWL (APPROX. CENTER OF PAD)
E 1/2 SW 1/4, SECTION 36, T23S, R32E, N.M.P.M.
LEA COUNTY, NEW MEXICO

SURVEYED BY	S.B.	07-19-24	SCALE
DRAWN BY	S.T.O.	12-02-19	1 : 36,000

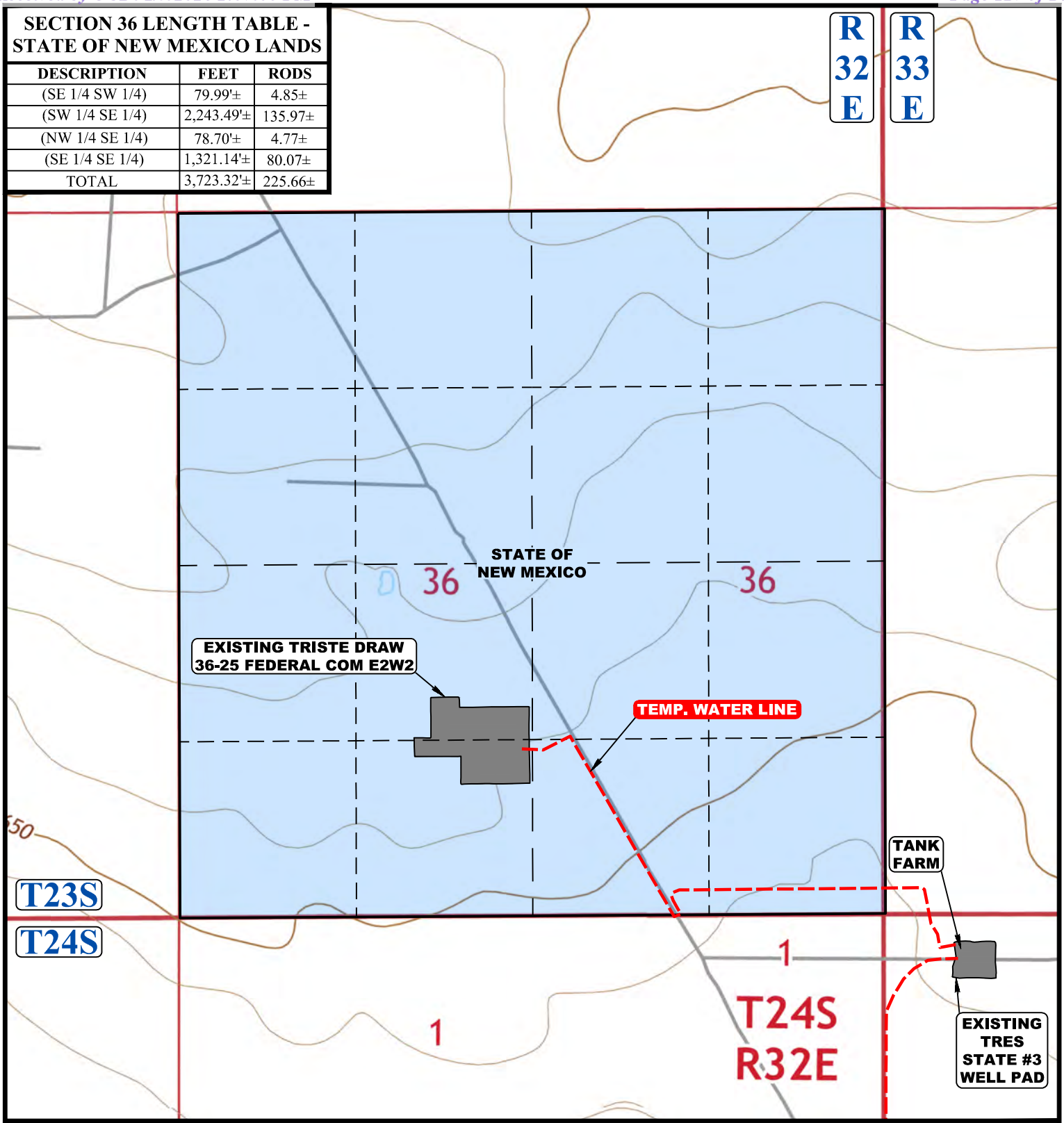
1 MILE RADIUS MAP **EXHIBIT E**

UINTAH ENGINEERING & LAND SURVEYING

UELS, LLC
Corporate Office * 85 South 200 East
Vernal, UT 84078 * (435) 789-1017

SECTION 36 LENGTH TABLE - STATE OF NEW MEXICO LANDS

DESCRIPTION	FEET	RODS
(SE 1/4 SW 1/4)	79.99'±	4.85±
(SW 1/4 SE 1/4)	2,243.49'±	135.97±
(NW 1/4 SE 1/4)	78.70'±	4.77±
(SE 1/4 SE 1/4)	1,321.14'±	80.07±
TOTAL	3,723.32'±	225.66±



NOTE: PARCEL DATA SHOWN HAS BEEN OBTAINED FROM VARIOUS SOURCES AND SHOULD BE USED FOR MAPPING, GRAPHIC AND PLANNING PURPOSES ONLY. NO WARRANTY IS MADE BY UINTAH ENGINEERING AND LAND SURVEYING (UELS) FOR ACCURACY OF THE PARCEL DATA.

LEGEND:

- TEMPORARY WATER LINE
- 1/4 SECTION LINE
- 1/16 SECTION LINE

N

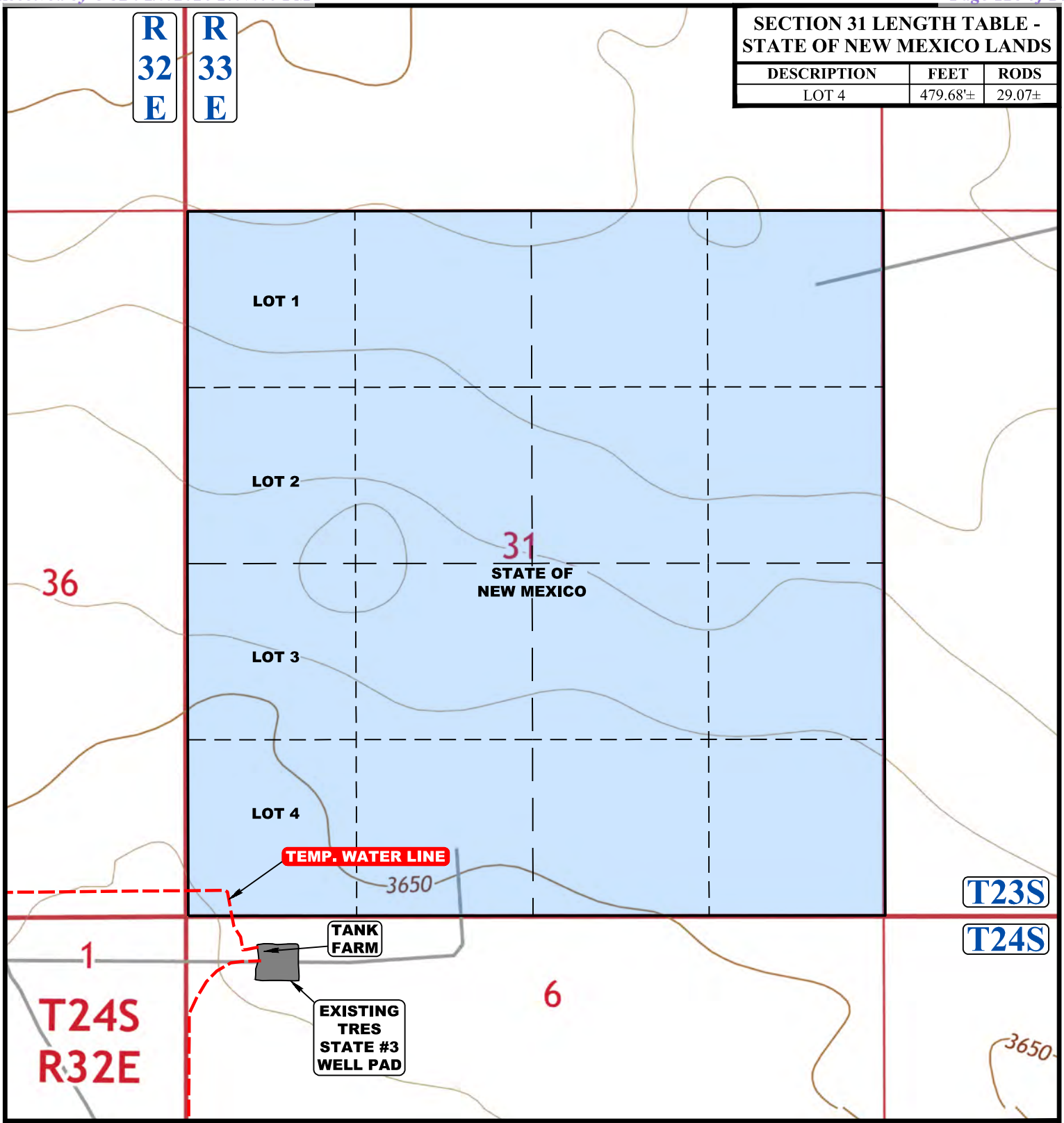
CIMAREX ENERGY CO.

TRISTE DRAW 36-25 FEDERAL COM E2W2
TEMP. WATER LINE
SECTION 36, T23S, R32E, N.M.P.M.
LEA COUNTY, NEW MEXICO

UELS, LLC
Corporate Office * 85 South 200 East
Vernal, UT 84078 * (435) 789-1017

SURVEYED BY	N/A	N/A	SCALE
DRAWN BY	L.T.T.	11-08-24	1 : 12,000
TEMP. WATER LINE MAP			TOPO D

SECTION 31 LENGTH TABLE - STATE OF NEW MEXICO LANDS		
DESCRIPTION	FEET	RODS
LOT 4	479.68'±	29.07±



NOTE: PARCEL DATA SHOWN HAS BEEN OBTAINED FROM VARIOUS SOURCES AND SHOULD BE USED FOR MAPPING, GRAPHIC AND PLANNING PURPOSES ONLY. NO WARRANTY IS MADE BY UINTAH ENGINEERING AND LAND SURVEYING (UELS) FOR ACCURACY OF THE PARCEL DATA.

LEGEND:

- TEMPORARY WATER LINE
- 1/4 SECTION LINE
- 1/16 SECTION LINE

N

CIMAREX ENERGY CO.

TRISTE DRAW 36-25 FEDERAL COM E2W2
TEMP. WATER LINE
SECTION 31, T23S, R33E, N.M.P.M.
LEA COUNTY, NEW MEXICO

SURVEYED BY	N/A	N/A	SCALE
DRAWN BY	L.T.T.	11-08-24	1 : 12,000
TEMP. WATER LINE MAP			TOPO D

UELS, LLC
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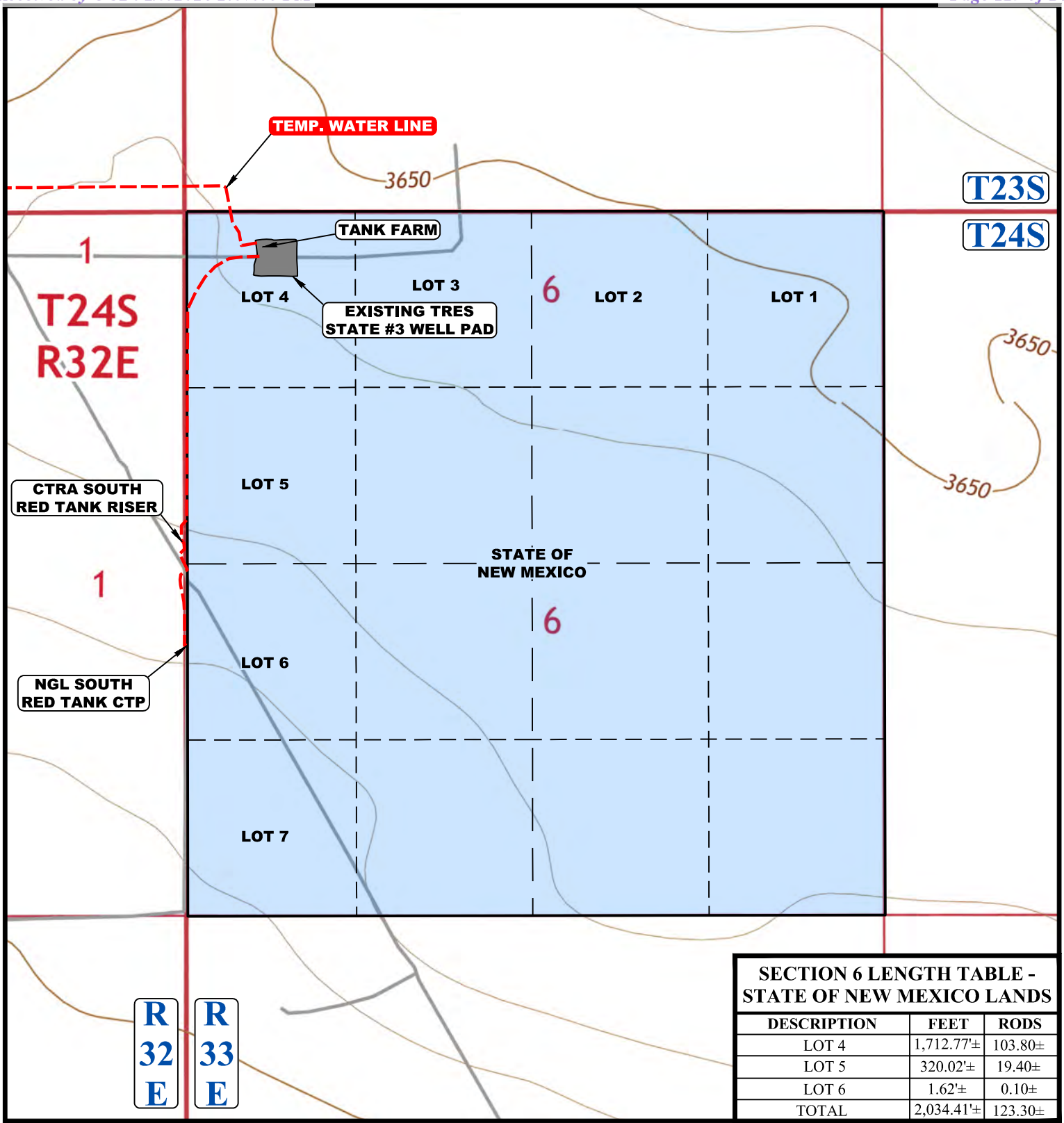
Vernal, UT 84078 * (435) 789-1017

UINTAH ENGINEERING & LAND SURVEYING



SECTION 6 LENGTH TABLE - STATE OF NEW MEXICO LANDS

DESCRIPTION	FEET	RODS
LOT 4	1,712.77'±	103.80±
LOT 5	320.02'±	19.40±
LOT 6	1.62'±	0.10±
TOTAL	2,034.41'±	123.30±

NOTE: PARCEL DATA SHOWN HAS BEEN OBTAINED FROM VARIOUS SOURCES AND SHOULD BE USED FOR MAPPING, GRAPHIC AND PLANNING PURPOSES ONLY. NO WARRANTY IS MADE BY UINTAH ENGINEERING AND LAND SURVEYING (UELS) FOR ACCURACY OF THE PARCEL DATA.

LEGEND:

- TEMPORARY WATER LINE
- 1/4 SECTION LINE
- 1/16 SECTION LINE

N

CIMAREX ENERGY CO.

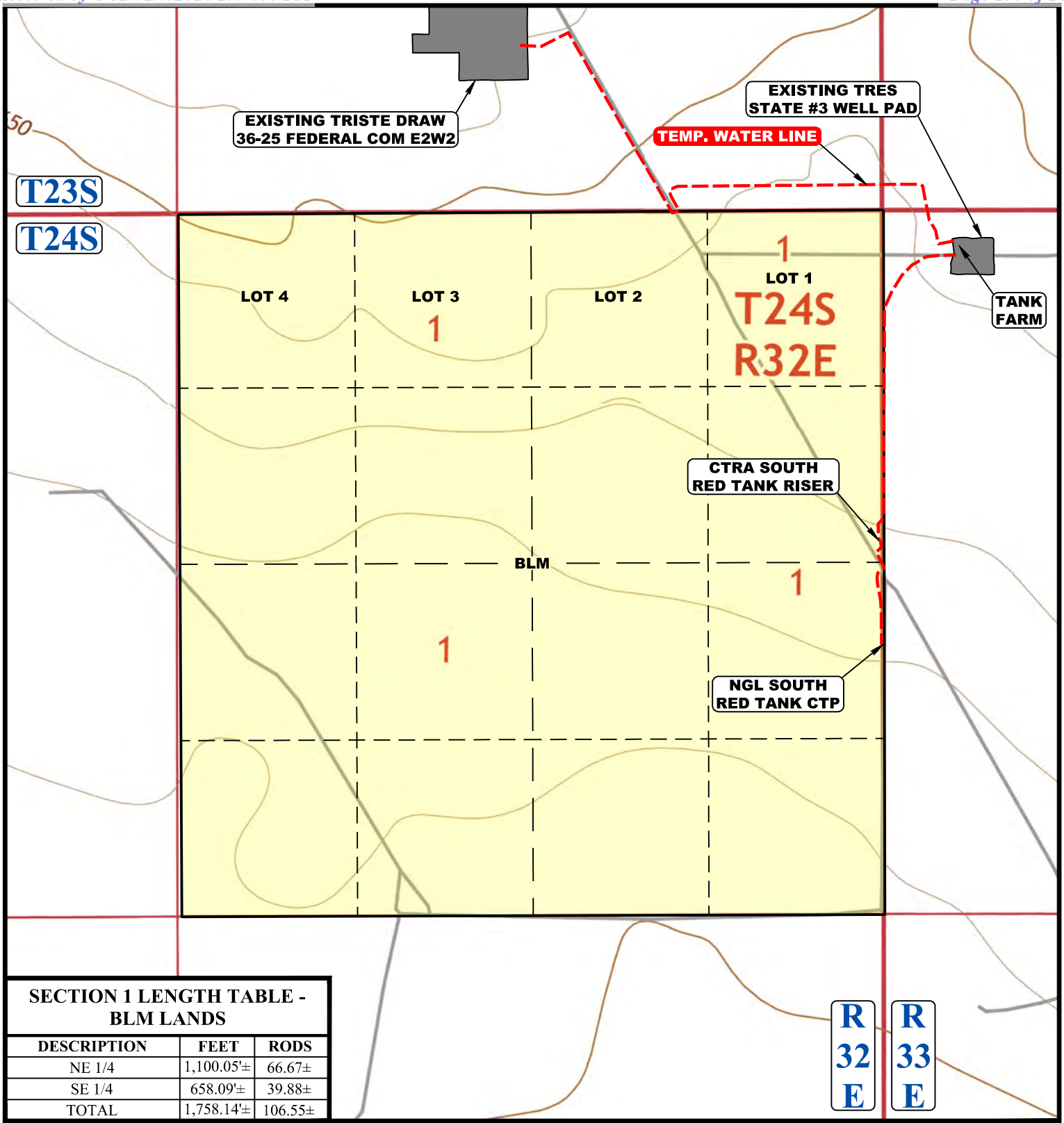
TRISTE DRAW 36-25 FEDERAL COM E2W2
TEMP. WATER LINE
SECTION 6, T24S, R33E, N.M.P.M.
LEA COUNTY, NEW MEXICO

UINTAH ENGINEERING & LAND SURVEYING

UELS, LLC
Corporate Office * 85 South 200 East
Vernal, UT 84078 * (435) 789-1017

SURVEYED BY	N/A	N/A	SCALE
DRAWN BY	L.T.T.	11-08-24	1 : 12,000

TEMP. WATER LINE MAP | **TOPO D**



SECTION 1 LENGTH TABLE - BLM LANDS

DESCRIPTION	FEET	RODS
NE 1/4	1,100.05'±	66.67±
SE 1/4	658.09'±	39.88±
TOTAL	1,758.14'±	106.55±

NOTE: PARCEL DATA SHOWN HAS BEEN OBTAINED FROM VARIOUS SOURCES AND SHOULD BE USED FOR MAPPING, GRAPHIC AND PLANNING PURPOSES ONLY. NO WARRANTY IS MADE BY UINTAH ENGINEERING AND LAND SURVEYING (UELS) FOR ACCURACY OF THE PARCEL DATA.

LEGEND:

- TEMPORARY WATER LINE
- 1/4 SECTION LINE
- 1/16 SECTION LINE

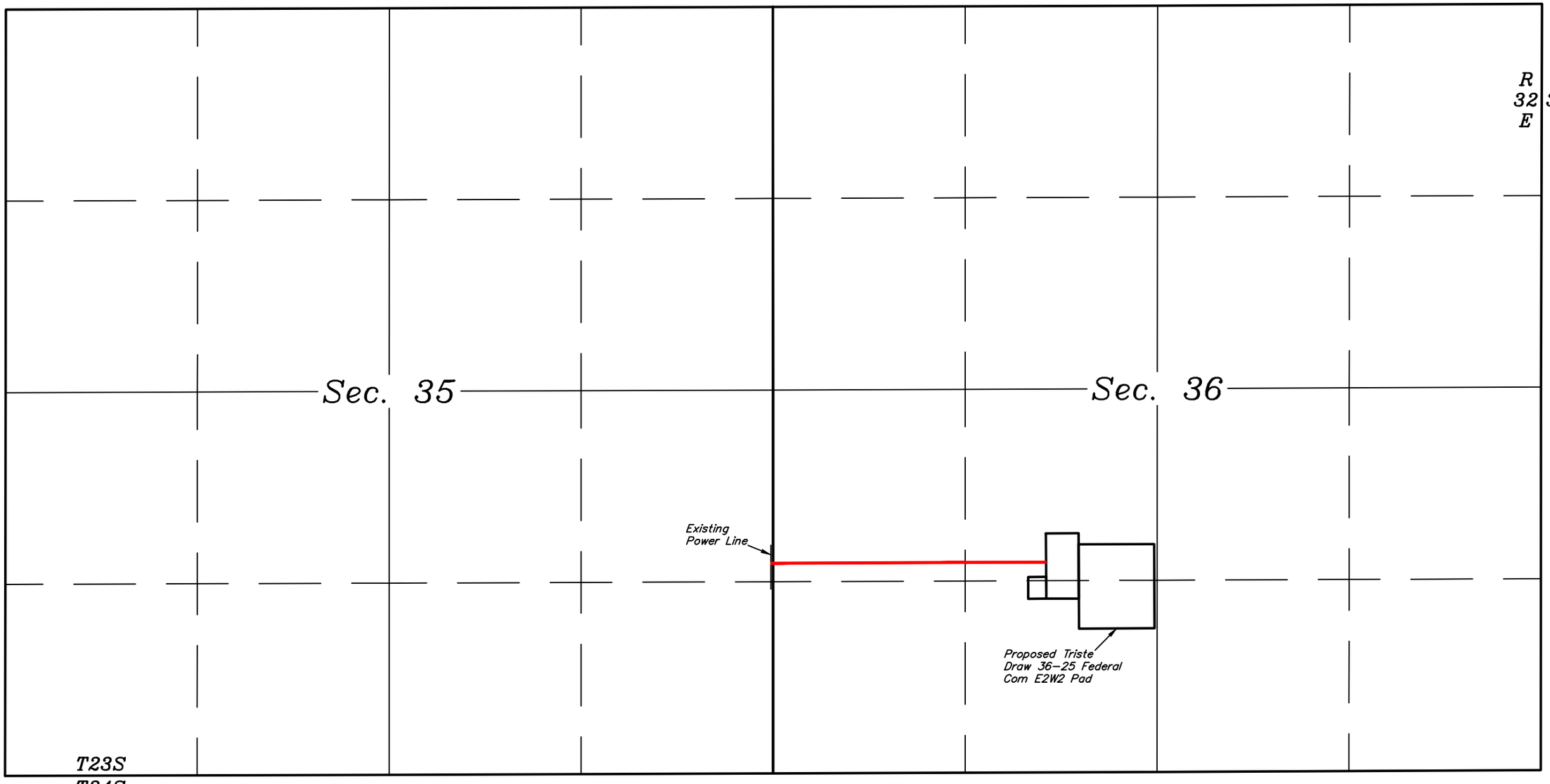
N

CIMAREX ENERGY CO.

TRISTE DRAW 36-25 FEDERAL COM E2W2
TEMP. WATER LINE
SECTION 1, T24S, R32E, N.M.P.M.
LEA COUNTY, NEW MEXICO

UELS, LLC
Corporate Office * 85 South 200 East
Vernal, UT 84078 * (435) 789-1017

SURVEYED BY	N/A	N/A	SCALE
DRAWN BY	L.T.T.	11-08-24	1 : 12,000
TEMP. WATER LINE MAP			TOPO D



LEGEND:

- PROPOSED CENTERLINE
- SECTION LINE
- 1/4 SECTION LINE
- 1/16 SECTION LINE

N

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Corporate Office * 85 South 200 East
Vernal, UT 84078 * (435) 789-1017

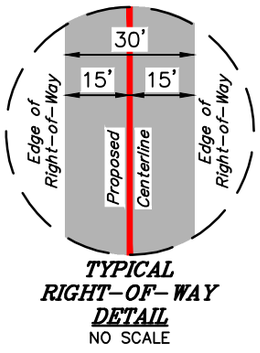
UINTAH ENGINEERING & LAND SURVEYING

CIMAREX ENERGY CO.

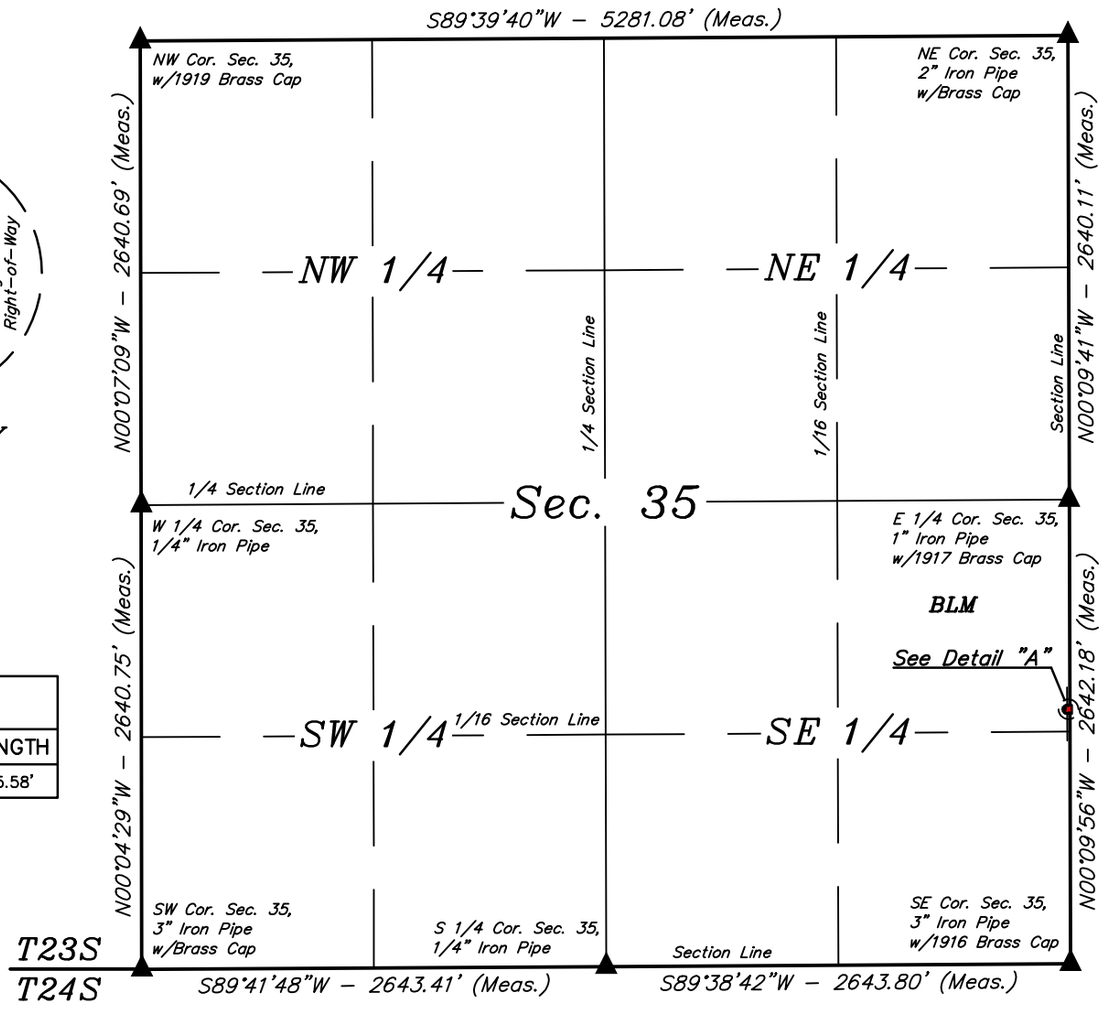
TRISTE DRAW 36-25 FEDERAL COM E2W2
SECTION 35 & 36, T23S, R32E, N.M.P.M.
LEA COUNTY, NEW MEXICO

SURVEYED BY	C.T., K.H.	10-27-23	SCALE
DRAWN BY	D.M.C.	11-13-23	N/A

OVERALL POWER LINE



TYPICAL RIGHT-OF-WAY DETAIL
NO SCALE



LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N89°37'29"E	15.58'

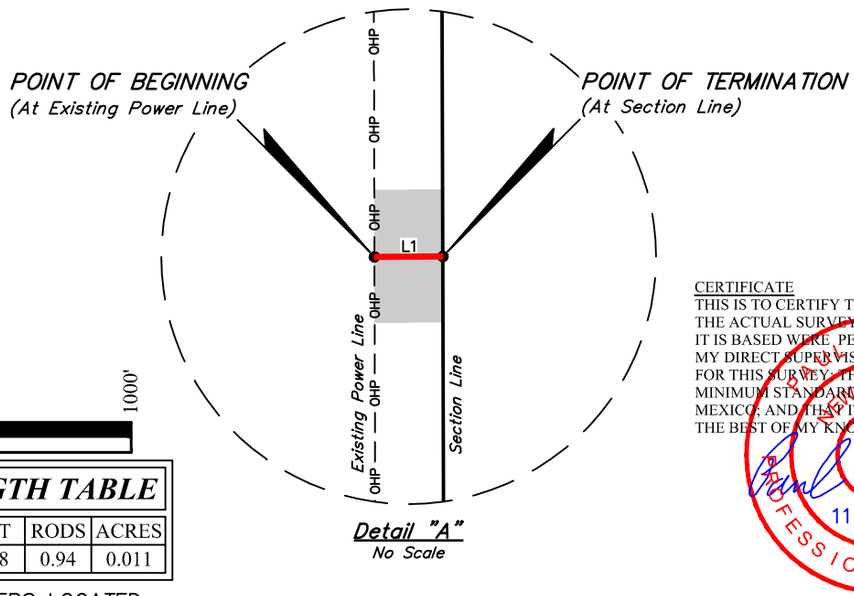
POWER LINE RIGHT-OF-WAY DESCRIPTION

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

COMMENCING AT THE EAST 1/4 CORNER OF SECTION 35, T23S, R32E, N.M.P.M., FROM WHICH THE SOUTHEAST CORNER OF SAID SECTION 35 BEARS S00°09'56"E 2642.18', THENCE S00°34'55"W 1194.18' TO A POINT IN THE NE 1/4 SE 1/4 OF SAID SECTION 35 AND THE POINT OF BEGINNING; THENCE N89°37'29"E 15.58' TO A POINT ON THE EAST LINE OF THE NE 1/4 SE 1/4 OF SAID SECTION 35 AND THE POINT OF TERMINATION, WHICH BEARS S00°09'56"E 1194.02' FROM THE EAST 1/4 CORNER OF SAID SECTION 35. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. CONTAINS 0.011 ACRES MORE OR LESS.

POINT OF BEGINNING BEARS S00°34'55"W 1194.18' FROM THE EAST 1/4 CORNER OF SECTION 35, T23S, R32E, N.M.P.M.

POINT OF TERMINATION BEARS S00°09'56"E 1194.02' FROM THE EAST 1/4 CORNER OF SECTION 35, T23S, R32E, N.M.P.M.



Detail "A"
No Scale

1000' 500' 0' 1000'

ACREAGE / LENGTH TABLE			
LOCATION	FEET	RODS	ACRES
SEC. 35 (SE 1/4)	15.58	0.94	0.011

▲ = SECTION CORNERS LOCATED.

CERTIFICATE
THIS IS TO CERTIFY THAT THIS EASEMENT PLAT AND THE ACTUAL SURVEY ON THE GROUND UPON WHICH IT IS BASED WERE PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION; THAT I AM RESPONSIBLE FOR THIS SURVEY; THAT THIS SURVEY MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO; AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

NEW MEXICO 23782 REGISTERED PROFESSIONAL SURVEYOR
Paul Buchheit
11-13-23

NOTES:
- Basis of Bearings is a Transverse Mercator Projection with a Central Meridian of 103°53'00" (NAD 83)

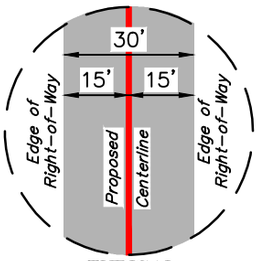
N

CIMAREX ENERGY CO.

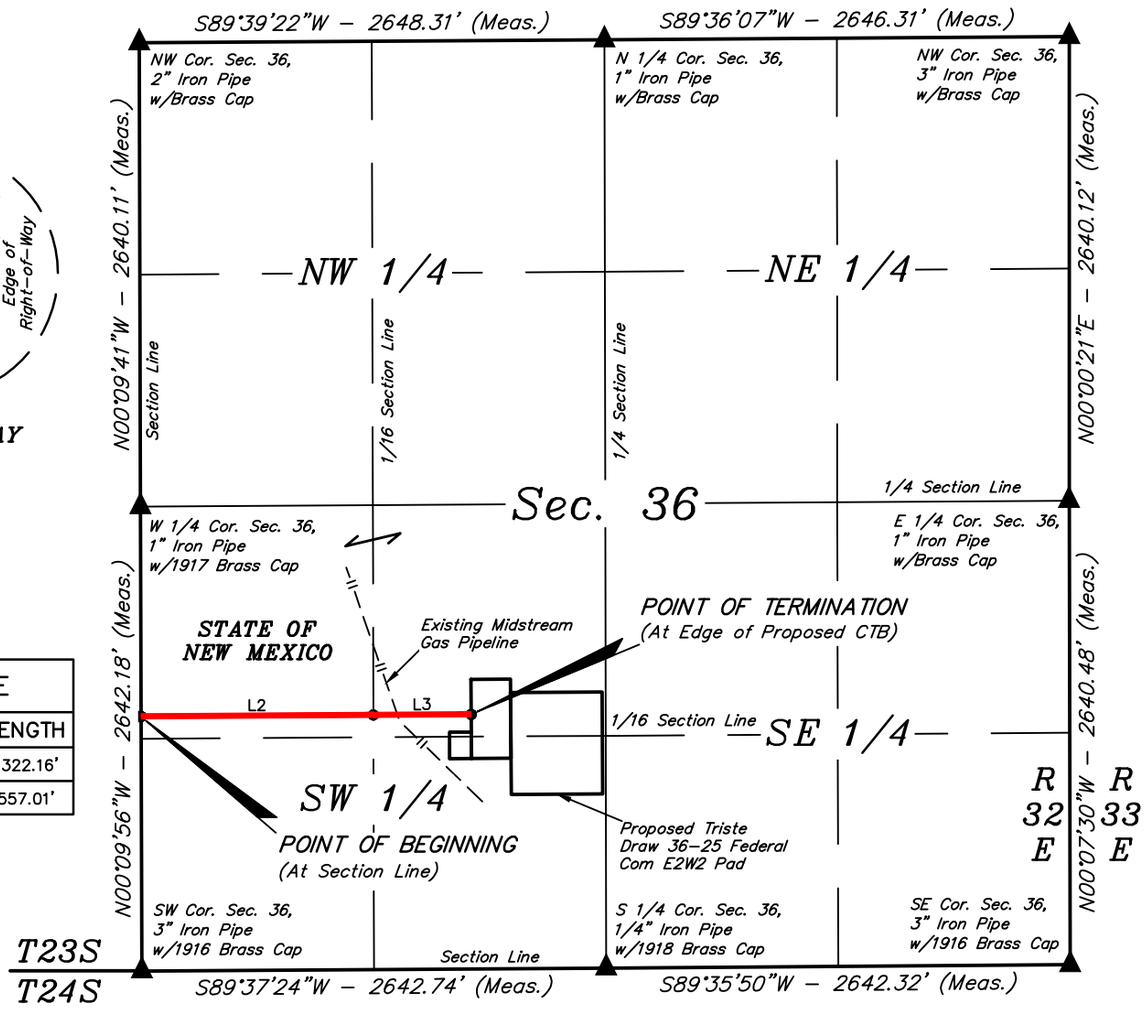
TRISTE DRAW 36-25 FEDERAL COM E2W2
ON BLM LANDS IN
SECTION 35, T23S, R32E, N.M.P.M.
LEA COUNTY, NEW MEXICO

SURVEYED BY	C.T., K.H.	10-27-23	SCALE
DRAWN BY	D.M.C.	11-13-23	1" = 1000'
FILE	C-7174-A1		
POWER LINE R-O-W			EXHIBIT I

UINTAH ENGINEERING & LAND SURVEYING
UELS, LLC
Corporate Office * 85 South 200 East
Vernal, UT 84078 * (435) 789-1017



TYPICAL RIGHT-OF-WAY DETAIL
NO SCALE



LINE TABLE		
LINE	DIRECTION	LENGTH
L2	N89°37'29"E	1322.16'
L3	N89°37'29"E	557.01'

POWER LINE RIGHT-OF-WAY DESCRIPTION

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

COMMENCING AT THE WEST 1/4 CORNER OF SECTION 36, T23S, R32E, N.M.P.M., FROM WHICH THE SOUTHWEST CORNER OF SAID SECTION 36 BEARS S00°09'56"E 2642.18', THENCE S00°09'56"E 1194.02' ALONG THE WEST LINE OF THE NW 1/4 SW 1/4 OF SAID SECTION 36 TO THE POINT OF BEGINNING; THENCE N89°37'29"E 1322.16' TO A POINT ON THE EAST LINE OF THE NW 1/4 SW 1/4 OF SAID SECTION 36; THENCE CONTINUING N89°37'29"E 557.01' TO A POINT IN THE NE 1/4 SW 1/4 OF SAID SECTION 36 AND THE POINT OF TERMINATION, WHICH BEARS S57°52'59"E 2222.73' FROM THE WEST 1/4 CORNER OF SAID SECTION 36. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. CONTAINS 1.295 ACRES MORE OR LESS.

POINT OF BEGINNING BEARS S00°09'56"E 1194.02' FROM THE WEST 1/4 CORNER OF SECTION 36, T23S, R32E, N.M.P.M.

POINT OF TERMINATION BEARS S57°52'59"E 2222.73' FROM THE WEST 1/4 CORNER OF SECTION 36, T23S, R32E, N.M.P.M.

1000' 500' 0' 1000'

ACREAGE / LENGTH TABLE			
LOCATION	FEET	RODS	ACRES
SEC. 36 (NW 1/4 SW 1/4)	1322.16	80.13	0.911
SEC. 36 (NE 1/4 SW 1/4)	557.01	33.76	0.384
TOTAL	1879.17	113.89	1.295

▲ = SECTION CORNERS LOCATED.

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NEW MEXICO 23782 PROFESSIONAL SURVEYOR
11-13-23

NOTES:
- Basis of Bearings is a Transverse Mercator Projection with a Central Meridian of 103°53'00" (NAD 83)

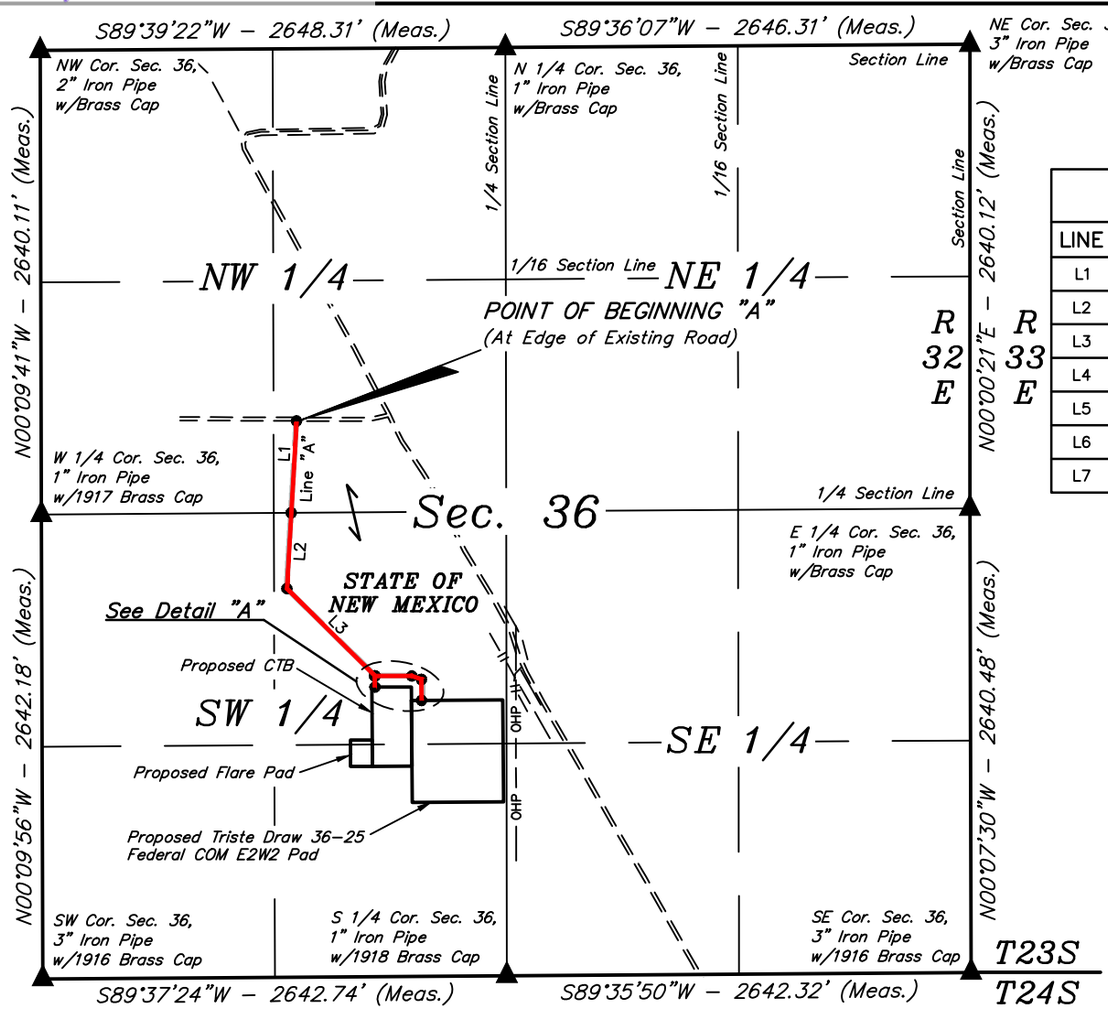
N

CIMAREX ENERGY CO.

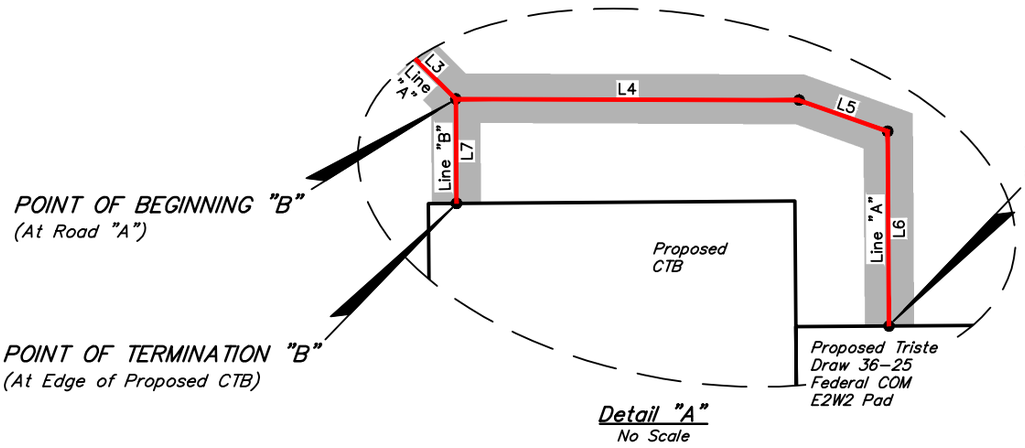
TRISTE DRAW 36-25 FEDERAL COM E2W2 ON STATE OF NEW MEXICO LANDS IN SECTION 36, T23S, R32E, N.M.P.M. LEA COUNTY, NEW MEXICO

SURVEYED BY	C.T., K.H.	10-27-23	SCALE
DRAWN BY	D.M.C.	11-13-23	1" = 1000'
FILE	C-7174-A2		
POWER LINE R-O-W			EXHIBIT I

UINTAH ENGINEERING & LAND SURVEYING
UELS, LLC
Corporate Office * 85 South 200 East
Vernal, UT 84078 * (435) 789-1017



LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S03°18'54"W	523.38'
L2	S03°18'54"W	431.51'
L3	S45°13'06"E	705.49'
L4	S89°49'19"E	210.78'
L5	S70°32'49"E	57.65'
L6	S00°22'37"E	119.40'
L7	S00°22'36"E	64.00'

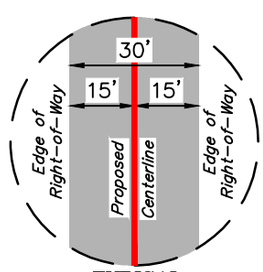


Detail "A"
No Scale

ACREAGE / LENGTH TABLE "A"			
LOCATION	FEET	RODS	ACRES
SEC. 36 (SE 1/4 NW 1/4)	523.38	31.72	0.360
SEC. 36 (NE 1/4 SW 1/4)	1524.83	92.41	1.050
TOTAL	2048.21	124.13	1.410

ACREAGE / LENGTH TABLE "B"			
LOCATION	FEET	RODS	ACRES
SEC. 36 (NE 1/4 SW 1/4)	64.00	3.88	0.044

▲ = SECTION CORNERS LOCATED.



TYPICAL RIGHT-OF-WAY DETAIL
NO SCALE

1000' 500' 0' 1000'

CERTIFICATE
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STATE OF NEW MEXICO 23782 PROFESSIONAL SURVEYOR
06-21-24

Sheet 1 of 2

NOTES:
- Basis of Bearings is a Transverse Mercator Projection with a Central Meridian of 103°53'00" (NAD 83)

CIMAREX ENERGY CO.

TRISTE DRAW 36-25 FEDERAL COM E2W2 ON STATE OF NEW MEXICO LANDS IN SECTION 36, T23S, R32E, N.M.P.M. LEA COUNTY, NEW MEXICO

SURVEYED BY	A.H.	06-18-24	SCALE
DRAWN BY	L.K.	06-21-24	1" = 1000'
FILE	C-7174-A1		
ACCESS ROAD R-O-W			EXHIBIT D

UINTAH ENGINEERING & LAND SURVEYING
UELS, LLC
Corporate Office * 85 South 200 East
Vernal, UT 84078 * (435) 789-1017

ROAD "A" RIGHT-OF-WAY DESCRIPTION

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

COMMENCING AT THE WEST 1/4 CORNER OF SECTION 36, T23S, R32E, N.M.P.M., FROM WHICH THE SOUTHWEST CORNER OF SAID SECTION 36 BEARS S00°09'56"E 2642.18', THENCE N69°53'37"E 1546.76' TO A POINT IN THE SE 1/4 NW 1/4 OF SAID SECTION 36 AND THE POINT OF BEGINNING; THENCE S03°18'54"W 523.38' TO A POINT ON THE SOUTH LINE OF THE SE 1/4 NW 1/4 OF SAID SECTION 36; THENCE CONTINUING S03°18'54"W 431.51'; THENCE S45°13'06"E 705.49'; THENCE S89°49'19"E 210.78'; THENCE S70°32'49"E 57.65'; THENCE S00°22'37"E 119.40' TO A POINT IN THE NE 1/4 SW 1/4 OF SAID SECTION 36 AND THE POINT OF TERMINATION, WHICH BEARS N17°14'35"W 1640.76' FROM THE SOUTH 1/4 CORNER OF SAID SECTION 36. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. CONTAINS 1.410 ACRES MORE OR LESS.

ROAD "B" RIGHT-OF-WAY DESCRIPTION

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

COMMENCING AT THE SOUTH 1/4 CORNER OF SECTION 36, T23S, R32E, N.M.P.M., FROM WHICH THE SOUTHEAST CORNER OF SAID SECTION 36 BEARS N89°35'50"E 2642.32', THENCE N23°47'33"W 1864.74' TO A POINT IN THE NE 1/4 SW 1/4 OF SAID SECTION 36 AND THE POINT OF BEGINNING; THENCE S00°22'36"E 64.00' TO A POINT IN THE NE 1/4 SW 1/4 OF SAID SECTION 36 AND THE POINT OF TERMINATION, WHICH BEARS N24°35'57"W 1806.20' FROM THE SOUTH 1/4 CORNER OF SAID SECTION 36. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. CONTAINS 0.044 ACRES MORE OR LESS.

POINT OF BEGINNING "A" BEARS N69°53'37"E
1546.76' FROM THE WEST 1/4 CORNER OF SECTION
36, T23S, R32E, N.M.P.M.

POINT OF TERMINATION "A" BEARS N17°14'35"W
1640.76' FROM THE SOUTH 1/4 CORNER OF SECTION
36, T23S, R32E, N.M.P.M.

POINT OF BEGINNING "B" BEARS N23°47'33"W
1864.74' FROM THE SOUTH 1/4 CORNER OF SECTION
36, T23S, R32E, N.M.P.M.

POINT OF TERMINATION "B" BEARS N24°35'57"W
1806.20' FROM THE SOUTH 1/4 CORNER OF SECTION
36, T23S, R32E, N.M.P.M.

CERTIFICATE

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STATE OF NEW MEXICO 23782 PROFESSIONAL SURVEYOR

Paul Buchheit 06-21-24

NOTES:

- Basis of Bearings is a Transverse Mercator Projection with a Central Meridian of 103°53'00" (NAD 83)

CIMAREX ENERGY CO.

TRISTE DRAW 36-25 FEDERAL COM E2W2
ON STATE OF NEW MEXICO LANDS IN
SECTION 36, T23S, R32E, N.M.P.M.
LEA COUNTY, NEW MEXICO

SURVEYED BY	A.H.	06-18-24	SCALE
DRAWN BY	L.K.	06-21-24	N/A
FILE	C-7174-A2		
ACCESS ROAD R-O-W			EXHIBIT D

UINTAH ENGINEERING & LAND SURVEYING

UELS, LLC
Corporate Office * 85 South 200 East
Vernal, UT 84078 * (435) 789-1017

AFMSS
U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

PWD Data Report
02/09/2026

APD ID: 10400107636 **Submission Date:** 11/20/2025

Operator Name: COTERRA ENERGY OPERATING CO

Well Name: TRISTE DRAW 36-25 FEDERAL COM **Well Number:** 212H

Well Type: OIL WELL **Well Work Type:** Drill

Section 1 - General

Would you like to address long-term produced water disposal? NO

Section 2 - Lined

Would you like to utilize Lined Pit PWD options? N

Produced Water Disposal (PWD) Location:

PWD surface owner: **PWD disturbance (acres):**

Other PWD Surface Owner Description:

Lined pit PWD on or off channel:

Lined pit PWD discharge volume (bbl/day):

Lined pit

Pit liner description:

Pit liner manufacturers

Precipitated solids disposal:

Decribe precipitated solids disposal:

Precipitated solids disposal

Lined pit precipitated solids disposal schedule:

Lined pit precipitated solids disposal schedule

Lined pit reclamation description:

Lined pit reclamation

Leak detection system description:

Leak detection system

Operator Name: COTERRA ENERGY OPERATING CO

Well Name: TRISTE DRAW 36-25 FEDERAL COM **Well Number:** 212H

Lined pit Monitor description:

Lined pit Monitor

Lined pit: do you have a reclamation bond for the pit?

Is the reclamation bond a rider under the BLM bond?

Lined pit bond number:

Lined pit bond amount:

Additional bond information

Section 3 - Unlined

Would you like to utilize Unlined Pit PWD options? N

Produced Water Disposal (PWD) Location:

PWD disturbance (acres): **PWD surface owner:**

Other PWD Surface Owner Description:

Unlined pit PWD on or off channel:

Unlined pit PWD discharge volume (bbl/day):

Unlined pit

Precipitated solids disposal:

Decribe precipitated solids disposal:

Precipitated solids disposal

Unlined pit precipitated solids disposal schedule:

Unlined pit precipitated solids disposal schedule

Unlined pit reclamation description:

Unlined pit reclamation

Unlined pit Monitor description:

Unlined pit Monitor

Do you propose to put the produced water to beneficial use?

Beneficial use user

Estimated depth of the shallowest aquifer (feet):

Precipitated Solids Permit

Does the produced water have an annual average Total Dissolved Solids (TDS) concentration equal to or less than that of the existing water to be protected?

TDS lab results:

Geologic and hydrologic

Operator Name: COTERRA ENERGY OPERATING CO

Well Name: TRISTE DRAW 36-25 FEDERAL COM **Well Number:** 212H

State

Unlined Produced Water Pit Estimated

Unlined pit: do you have a reclamation bond for the pit?

Is the reclamation bond a rider under the BLM bond?

Unlined pit bond number:

Unlined pit bond amount:

Additional bond information

Section 4 -

Would you like to utilize Injection PWD options? N

Produced Water Disposal (PWD) Location:

PWD surface owner: **PWD disturbance (acres):**

Other PWD Surface Owner Description:

Injection PWD discharge volume (bbl/day):

Injection well mineral owner:

Injection well type:

Injection well number: **Injection well name:**

Assigned injection well API number? **Injection well API number:**

Injection well new surface disturbance (acres):

Minerals protection information:

Mineral protection

Underground Injection Control (UIC) Permit?

UIC Permit

Section 5 - Surface

Would you like to utilize Surface Discharge PWD options? N

Produced Water Disposal (PWD) Location:

PWD surface owner: **PWD disturbance (acres):**

Other PWD Surface Owner Description :

Surface discharge PWD discharge volume (bbl/day):

Surface Discharge NPDES Permit?

Surface Discharge NPDES Permit attachment:

Surface Discharge site facilities information:

Surface discharge site facilities map:

Operator Name: COTERRA ENERGY OPERATING CO

Well Name: TRISTE DRAW 36-25 FEDERAL COM **Well Number:** 212H

Section 6 -

Would you like to utilize Other PWD options? N

Produced Water Disposal (PWD) Location:

PWD surface owner: **PWD disturbance (acres):**

PWD Surface Owner Description:

Other PWD discharge volume (bbl/day):

Other PWD type description:

Other PWD type

Have other regulatory requirements been met?

Other regulatory requirements

AFMSS
U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Bond Info Data
02/09/2026

APD ID: 10400107636
Submission Date: 11/20/2025
Operator Name: COTERRA ENERGY OPERATING CO
Well Name: TRISTE DRAW 36-25 FEDERAL COM
Well Number: 212H
Well Type: OIL WELL
Well Work Type: Drill

Highlighted data reflects the most recent changes
Show Final Text

Bond

Federal/Indian APD: FED

BLM Bond number: NMB001188

BIA Bond number:

Do you have a reclamation bond? NO

Is the reclamation bond a rider under the BLM bond?

Is the reclamation bond BLM or Forest Service?

BLM reclamation bond number:

Forest Service reclamation bond number:

Forest Service reclamation bond attachment:

Reclamation bond amount:

Reclamation bond rider amount:

Additional reclamation bond information attachment:

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

ACKNOWLEDGMENTS

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 551976
	Action Type: [C-101] BLM - Federal/Indian Land Lease (Form 3160-3)

ACKNOWLEDGMENTS

☑	I hereby certify that no additives containing PFAS chemicals will be added to the completion or recompletion of this well.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Operator:	OGRID:
Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	215099
	Action Number: 551976
	Action Type: [C-101] BLM - Federal/Indian Land Lease (Form 3160-3)

CONDITIONS

Created By	Condition	Condition Date
cdenson	Cement is required to circulate on both surface and intermediate1 strings of casing.	2/9/2026
matthew.gomez	If cement does not circulate to surface on any string, a Cement Bond Log (CBL) is required for that string of casing. If strata isolation is not achieved, remediation will be required before further operations may commence.	2/13/2026
matthew.gomez	All conducted logs must be submitted to the OCD.	2/13/2026
matthew.gomez	Cement must be in place for at least eight hours and achieve a minimum compressive strength of 500 PSI before performing any further operations on the well.	2/13/2026
matthew.gomez	Notify the OCD 24 hours prior to casing & cement.	2/13/2026
matthew.gomez	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string.	2/13/2026
matthew.gomez	Oil base muds are not to be used until fresh water zones are cased and cemented providing isolation from the oil or diesel. This includes synthetic oils. Oil based mud, drilling fluids and solids must be contained in a steel closed loop system.	2/13/2026
matthew.gomez	File As Drilled C-102 and a directional Survey with C-104 completion packet.	2/13/2026