

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

| | | |
|--|--|--|
| Well Name: CO 34 27 FEDERAL COM | Well Location: T25S / R32E / SEC 3 / LOT 1 / 32.164948 / -103.655722 | County or Parish/State: LEA / NM |
| Well Number: 635H | Type of Well: OIL WELL | Allottee or Tribe Name: |
| Lease Number: NMLC061936 | Unit or CA Name: | Unit or CA Number: |
| US Well Number: 3002554286 | Operator: CHEVRON USA INCORPORATED | |

Notice of Intent

Sundry ID: 2889571

Type of Submission: Notice of Intent

Type of Action: APD Change

Date Sundry Submitted: 01/07/2026

Time Sundry Submitted: 07:28

Date proposed operation will begin: 01/07/2026

Procedure Description: CHEVRON USA INC IS REQUESTING AN UPDATE TO THE C102 ON THE ABOVE WELL : THE SHL WAS INCORRECTLY PLOTTED 20' TO THE EAST OLD SHL: UL A: SECT 3 T-25S R-32E 674' FNL 436' FEL NEW SHL: UL A: SECT 3 T-25S R-32E 674' FNL 456' FEL PLEASE SEE ATTACHED NEW C102 TO REFLECT THE CORRECT SHL CO 34 27 FEDERAL COM 635H (30-025-54286)

NOI Attachments

Procedure Description

CO_34_27_FEDERAL_COM_635H_C102_R2_Cert010626_20260107072836.pdf

Well Name: CO 34 27 FEDERAL COM

Well Location: T25S / R32E / SEC 3 /
LOT 1 / 32.164948 / -103.655722

County or Parish/State: LEA /
NM

Well Number: 635H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMLC061936

Unit or CA Name:

Unit or CA Number:

US Well Number: 3002554286

Operator: CHEVRON USA
INCORPORATED

Operator

I certify that the foregoing is true and correct. 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. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: CINDY HERRERA-MURILLO

Signed on: JAN 07, 2026 07:28 AM

Name: CHEVRON USA INCORPORATED

Title: Permitting Specialist

Street Address: 1616 W BENDER BLVD

City: HOBBS

State: NM

Phone: (575) 263-0431

Email address: CHERRERAMURILLO@CHEVRON.COM

Field

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: CHRISTOPHER WALLS

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5752342234

BLM POC Email Address: CWALLS@BLM.GOV

Disposition: Approved

Disposition Date: 01/13/2026

Signature: Chris Walls

Form 3160-5
(October 2024)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0220
Expires: October 31, 2027

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No. **NMLC061936**

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

7. If Unit of CA/Agreement, Name and/or No.

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
CO 34 27 FEDERAL COM/635H

2. Name of Operator **CHEVRON USA INCORPORATED**

9. API Well No. **3002554286**

3a. Address **PO BOX 1392, BAKERSFIELD, CA 93302**

3b. Phone No. (include area code)
(661) 633-4000

10. Field and Pool or Exploratory Area
WC-025 G-08 S253216D/UPPER WOLFCAMP

4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)
SEC 3/T25S/R32E/NMP

11. Country or Parish, State
LEA/NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|--|--|---|--|---|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Hydraulic Fracturing | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input type="checkbox"/> Other |
| | <input checked="" type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | |
| | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be perfonned or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has detennined that the site is ready for final inspection.)

CHEVRON USA INC IS REQUESTING AN UPDATE TO THE C102 ON THE ABOVE WELL : THE SHL WAS INCORRECTLY PLOTTED 20 TO THE EAST
 OLD SHL: UL A: SECT 3 T-25S R-32E 674 FNL 436 FEL
 NEW SHL: UL A: SECT 3 T-25S R-32E 674 FNL 456 FEL
 PLEASE SEE ATTACHED NEW C102 TO REFLECT THE CORRECT SHL
 CO 34 27 FEDERAL COM 635H (30-025-54286)

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)
CINDY HERRERA-MURILLO / Ph: (575) 263-0431

Title **Permitting Specialist**

Signature (Electronic Submission) _____ Date **01/07/2026**

THE SPACE FOR FEDERAL OR STATE OFICE USE

Approved by **CHRISTOPHER WALLS / Ph: (575) 234-2234 / Approved**

Title **Petroleum Engineer** Date **01/13/2026**

Office **CARLSBAD**

Conditions of approval, if any, are attached. Approval of this notice 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.

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.

(Instructions on page 2)

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law 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, are either shown below, will be issued by or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. 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 the 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., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c) and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

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 Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

Additional Information

Location of Well

0. SHL: LOT 1 / 674 FNL / 436 FEL / TWSP: 25S / RANGE: 32E / SECTION: 3 / LAT: 32.164948 / LONG: -103.655722 (TVD: 0 feet, MD: 0 feet)

PPP: NWSE / 2639 FNL / 1430 FEL / TWSP: 24S / RANGE: 32E / SECTION: 27 / LAT: 32.188557 / LONG: -103.658604 (TVD: 13080 feet, MD: 18507 feet)

PPP: SWSE / 25 FSL / 1430 FEL / TWSP: 24S / RANGE: 32E / SECTION: 34 / LAT: 32.16686 / LONG: -103.658608 (TVD: 13080 feet, MD: 13507 feet)

BHL: NWNW / 25 FNL / 990 FEL / TWSP: 24S / RANGE: 32E / SECTION: 27 / LAT: 32.195744 / LONG: -103.658602 (TVD: 13080 feet, MD: 24015 feet)

ACREAGE DEDICATION PLATS

This grid represents a standard section. You may superimpose a non-standard section, or larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is directionally drilled, with the dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is closest to any other boundary of the tract.

Surveyors shall use the latest United States government survey or dependent reference. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.

(NAD 27 NM E)

| | | |
|---|--------------------------------|----------------------------------|
| CO 34 27 FEDERAL COM NO. 635H WELL | PROPOSED KICK OFF POINT | PROPOSED FIRST TAKE POINT |
| X=709,829.04 | X=709,294.25 | X=709,371.70 |
| Y=424,345.18 | Y=424,442.10 | Y=425,039.89 |
| LAT.32.164825°N | LAT.32.165100°N | LAT.32.166742°N |
| LONG.103.655245°W | LONG.103.656971°W | LONG.103.656709°W |

| | | |
|---------------------------|-------------------|---------------------------------|
| PROPOSED MID POINT | PPP | PROPOSED LAST TAKE POINT |
| X=709,336.56 | X=709,323.08 | X=709,308.47 |
| Y=430,300.72 | Y=432,932.84 | Y=435,471.55 |
| LAT.32.181204°N | LAT.32.188439°N | LAT.32.195418°N |
| LONG.103.656715°W | LONG.103.656705°W | LONG.103.656701°W |

PROPOSED BOTTOM HOLE LOCATION
 X=709,308.04
 Y=435,546.55
 LAT.32.195624°N
 LONG.103.656701°W

(NAD 83/2011 NM E)

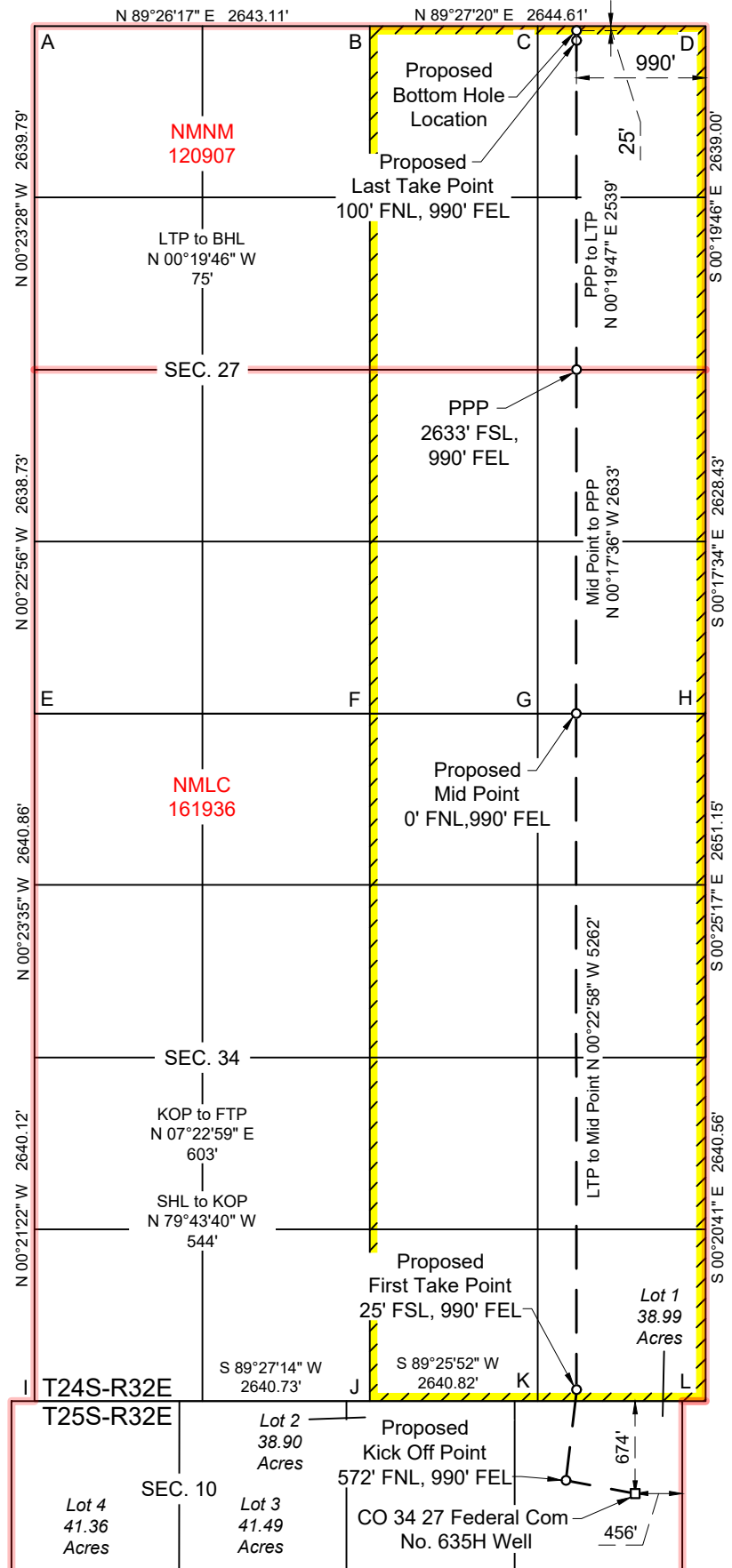
| | | |
|---|--------------------------------|----------------------------------|
| CO 34 27 FEDERAL COM NO. 635H WELL | PROPOSED KICK OFF POINT | PROPOSED FIRST TAKE POINT |
| X=751,014.14 | X=750,479.34 | X=750,556.79 |
| Y=424,403.33 | Y=424,500.26 | Y=425,097.42 |
| LAT.32.164948°N | LAT.32.165224°N | LAT.32.166864°N |
| LONG.103.655722°W | LONG.103.657448°W | LONG.103.657186°W |

| | | |
|---------------------------|-------------------|---------------------------------|
| PROPOSED MID POINT | PPP | PROPOSED LAST TAKE POINT |
| X=750,521.39 | X=750,507.80 | X=750,493.08 |
| Y=430,359.00 | Y=432,991.18 | Y=435,529.94 |
| LAT.32.181327°N | LAT.32.188563°N | LAT.32.195541°N |
| LONG.103.657193°W | LONG.103.657184°W | LONG.103.657180°W |

PROPOSED BOTTOM HOLE LOCATION
 X=750,492.65
 Y=435,604.94
 LAT.32.195748°N
 LONG.103.657180°W

CORNER COORDINATES
 (NAD 27 NM E)

- A - X=705011.42, Y=435529.91 IP w/ CAP "1916"
- B - X=707653.89, Y=435555.83 IP w/ CAP "1916"
- C - X=708975.87, Y=435568.39
- D - X=710297.86, Y=435580.96 IP w/ CAP "1916"
- E - X=705047.04, Y=430252.55 IP w/ CAP "1913"
- F - X=707687.69, Y=430277.54 IP w/ CAP "1916"
- G - X=709007.07, Y=430296.09
- H - X=710326.46, Y=430314.64 IP w/ CAP "1916"
- I - X=705081.56, Y=424972.71 IP w/ CAP "1916"
- J - X=707721.66, Y=424997.87 IP w/ CAP "1916"
- K - X=709041.74, Y=425011.23
- L - X=710361.83, Y=425024.09 IP w/ CAP "1916"

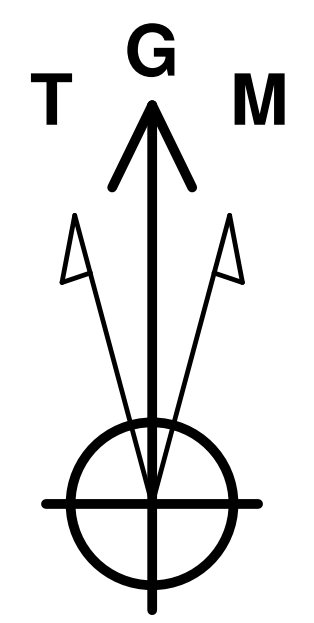




Chevron USA, Inc.

Project: Lea County, NM (NAD27 NME)
Site: CO Pad 633
Well: CO 34 27 Federal Com No. 635H
Wellbore: OH - 54286
Design: Plan 2
Rig: Patterson 815

Map System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866
Zone Name: New Mexico East 3001

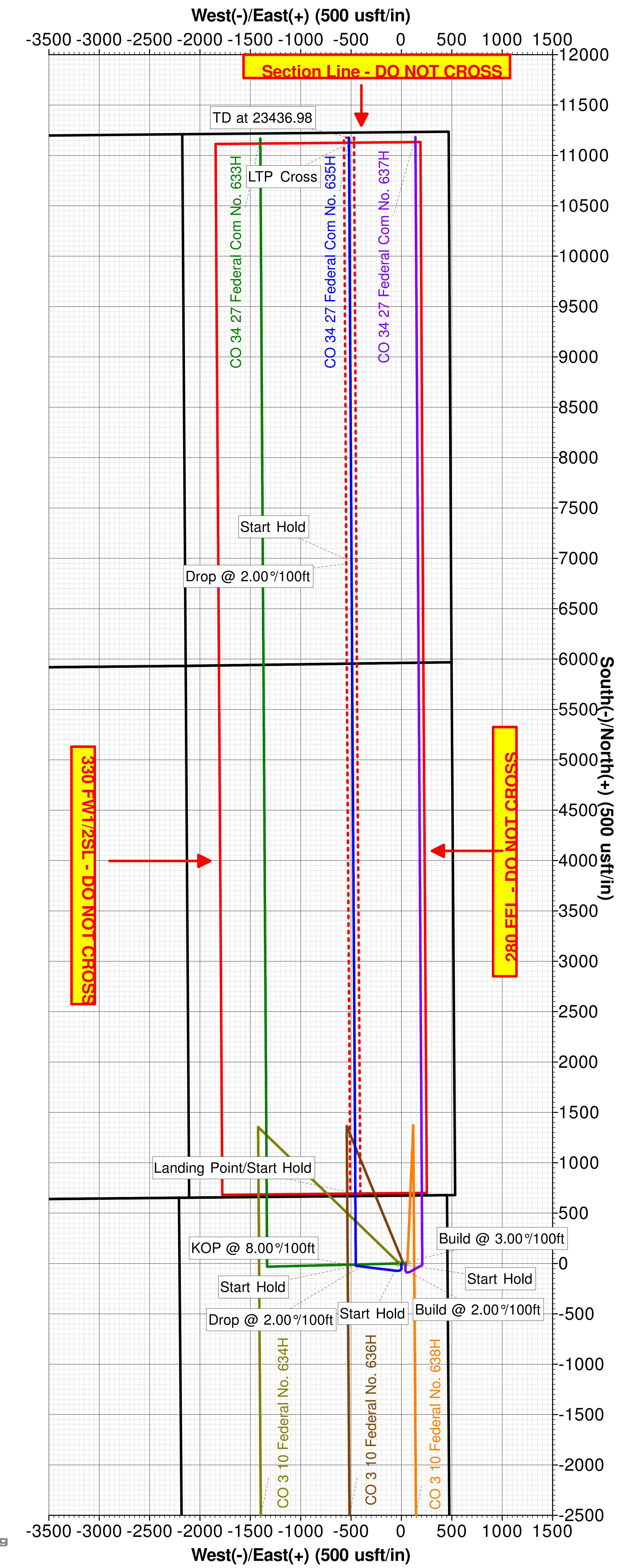
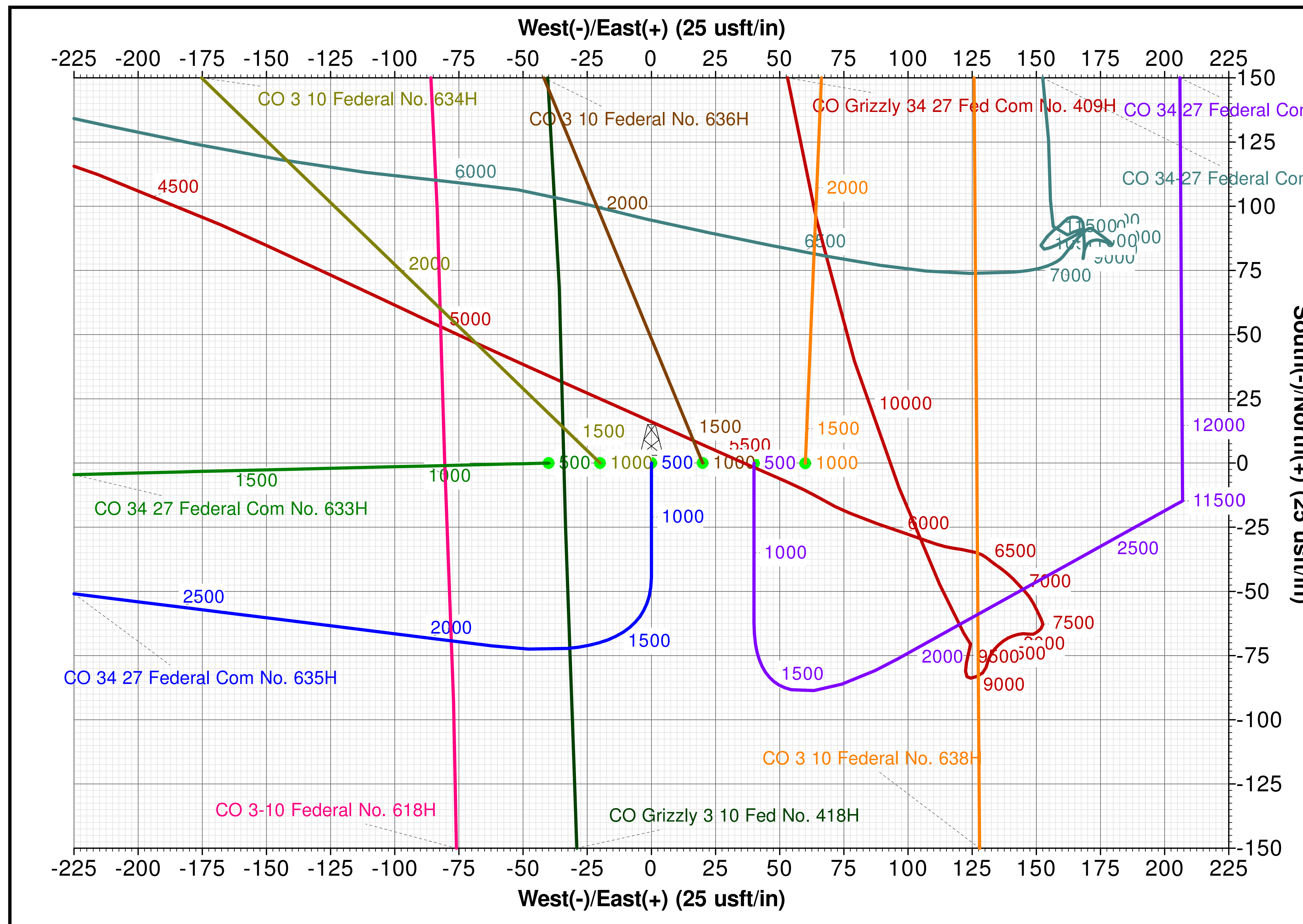
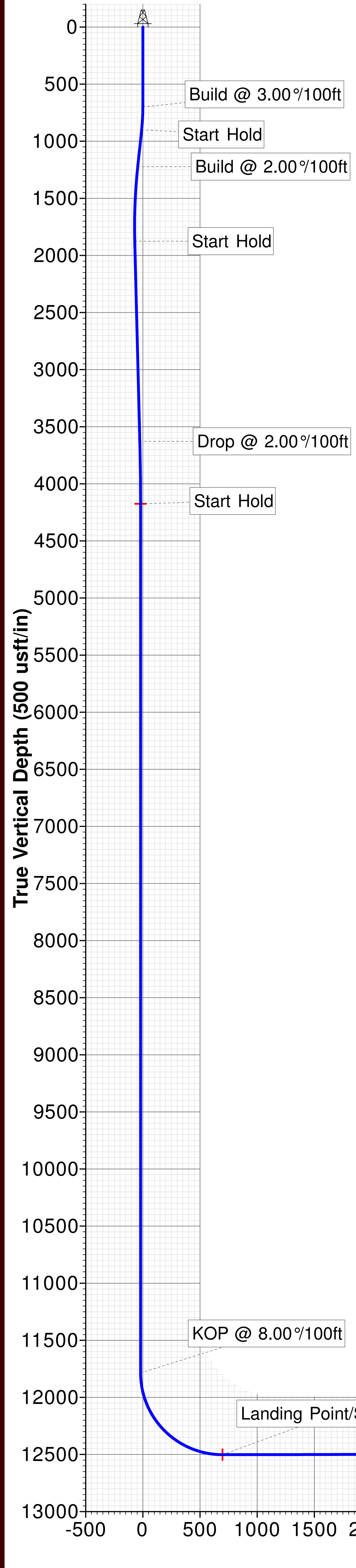


Azimuths to Grid North
True North: -0.36°
Magnetic North: 5.83°
Magnetic Field
Strength: 47101.7nT
Dip Angle: 59.66°
Date: 1/7/2026
Model: BGGM2025

| WELL DETAILS | | | | | | |
|--|-------|-----------|-----------|----------------|------------------|--|
| GL 3508ft + RKB 28.5ft @ 3536.50usft (Patterson 815) | | | | | | |
| +N/-S | +E/-W | Northing | Easting | Latitude | Longitude | |
| 0.00 | 0.00 | 424345.18 | 709829.04 | 32° 9' 53.37 N | 103° 39' 18.88 W | |

| SECTION DETAILS | | | | | | | | | | |
|-----------------|-------|--------|----------|----------|---------|------|--------|----------|--------------------------|--|
| MD | Inc | Azi | TVD | +N/-S | +E/-W | Dleg | TFace | Vsect | Annotation | |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 700.00 | 0.00 | 0.00 | 700.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Build @ 3.00%/100ft | |
| 900.00 | 6.00 | 180.00 | 899.63 | -10.46 | 0.00 | 3.00 | 180.00 | -10.46 | Start Hold | |
| 1225.15 | 6.00 | 180.00 | 1223.00 | -44.45 | 0.00 | 0.00 | 0.00 | -44.45 | Build @ 2.00%/100ft | |
| 1882.74 | 11.00 | 277.11 | 1875.62 | -71.17 | -62.55 | 2.00 | 123.65 | -70.79 | Start Hold | |
| 3668.15 | 11.00 | 277.11 | 3628.21 | -29.01 | -400.71 | 0.00 | 0.00 | -26.56 | Drop @ 2.00%/100ft | |
| 4218.32 | 0.00 | 0.00 | 4175.00 | -22.49 | -452.97 | 2.00 | 180.00 | -19.72 | Start Hold | |
| 11829.08 | 0.00 | 0.00 | 11785.76 | -22.49 | -452.97 | 0.00 | 0.00 | -19.72 | KOP @ 8.00%/100ft | |
| 12955.10 | 90.08 | 359.65 | 12501.96 | 694.71 | -457.34 | 8.00 | 359.65 | 697.49 | Landing Point/Start Hold | |
| 19213.93 | 90.08 | 359.65 | 12493.05 | 6953.42 | -495.44 | 0.00 | 0.00 | 6956.32 | Drop @ 2.00%/100ft | |
| 19227.55 | 89.81 | 359.65 | 12493.06 | 6967.04 | -495.52 | 2.00 | 179.20 | 6969.94 | Start Hold | |
| 23386.98 | 89.81 | 359.65 | 12506.92 | 11126.37 | -520.57 | 0.00 | 0.00 | 11129.34 | LTP Cross | |
| 23436.98 | 89.81 | 359.65 | 12507.09 | 11176.37 | -520.87 | 0.00 | 0.00 | 11179.34 | TD at 23436.98 | |

| DESIGN TARGET DETAILS | | | | | | | | | |
|----------------------------------|----------|----------|---------|-----------|-----------|-----------------|------------------|--|--|
| Name | TVD | +N/-S | +E/-W | Northing | Easting | Latitude | Longitude | | |
| CO 635H VT | 4175.00 | -22.49 | -452.97 | 424322.69 | 709376.07 | 32° 9' 53.17 N | 103° 39' 24.15 W | | |
| CO 635H ITP1 | 12493.05 | 6953.42 | -495.44 | 431298.60 | 709333.60 | 32° 11' 2.21 N | 103° 39' 24.14 W | | |
| CO 635H MP (990' FEL) | 12494.47 | 5955.54 | -492.48 | 430300.72 | 709336.56 | 32° 10' 52.33 N | 103° 39' 24.18 W | | |
| CO 635H PPP (2633' FSL/990' FEL) | 12498.46 | 8587.66 | -505.96 | 432932.84 | 709323.08 | 32° 11' 18.38 N | 103° 39' 24.14 W | | |
| CO 635H FTP (25' FSL/990' FEL) | 12501.96 | 694.71 | -457.34 | 425039.89 | 709371.70 | 32° 10' 0.27 N | 103° 39' 24.15 W | | |
| CO 635H LTP (100' FNL/990' FEL) | 12506.92 | 11126.37 | -520.57 | 435471.55 | 709308.47 | 32° 11' 43.51 N | 103° 39' 24.12 W | | |
| CO 635H BHL (25' FNL/990' FEL) | 12507.18 | 11201.37 | -521.00 | 435546.55 | 709308.04 | 32° 11' 44.25 N | 103° 39' 24.12 W | | |

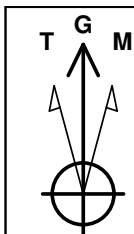


Created By: Bo Siwoniku
Date: 10:42, January 07 2026





CO Pad 633



Azimuths to Grid North
 True North: -0.36°
 Magnetic North: 5.83°

Magnetic Field
 Strength: 47101.7nT
 Dip Angle: 59.66°
 Date: 1/7/2026
 Model: BGGM2025

PROJECT DETAILS: Lea County, NM (NAD27 NME)

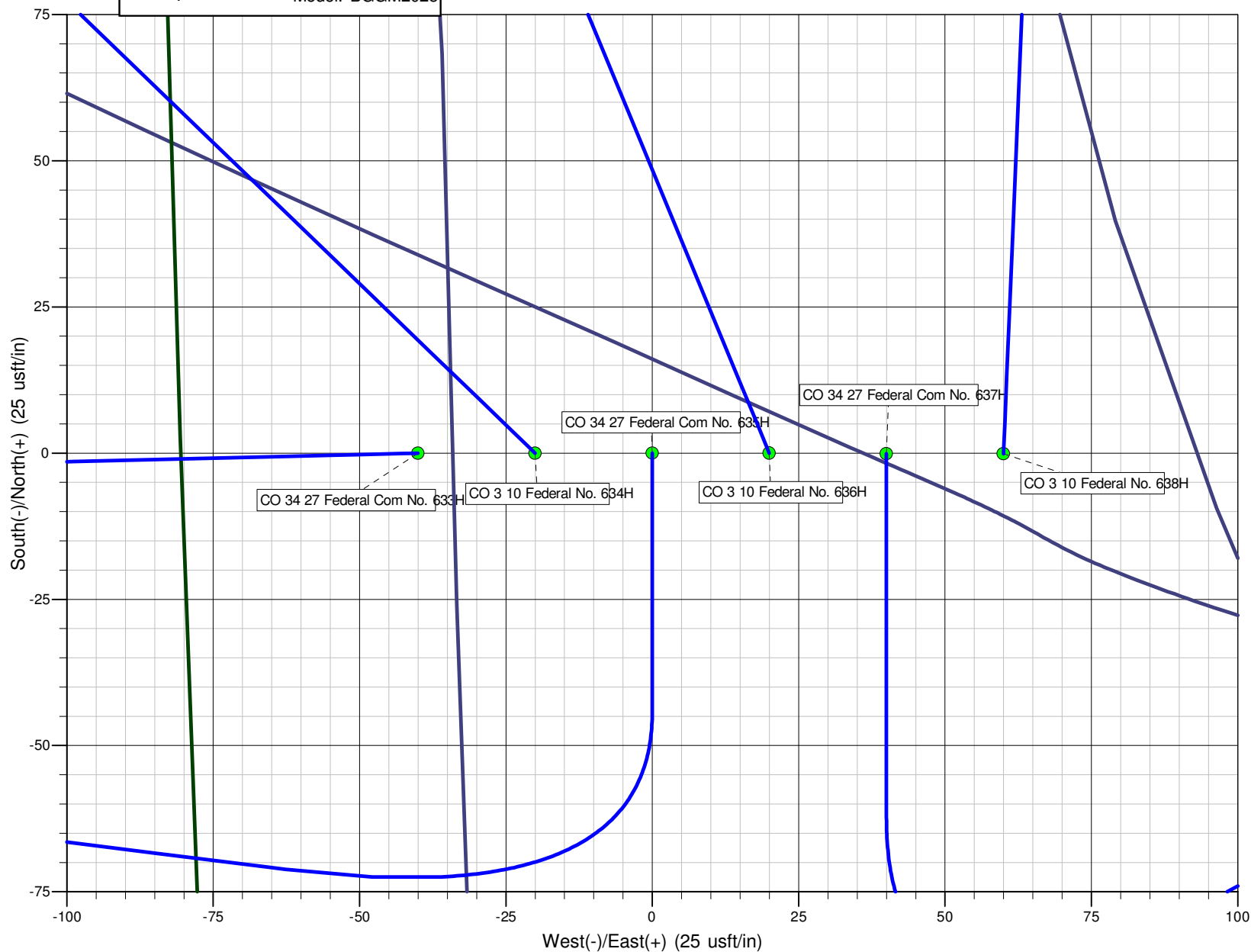
Geodetic System: US State Plane 1927 (Exact solution)
 Datum: NAD 1927 (NADCON CONUS)
 Ellipsoid: Clarke 1866
 Zone: New Mexico East 3001

System Datum: Mean Sea Level

SITE DETAILS: CO Pad 633

Site Centre Northing: 424345.18
 Easting: 709809.04

Positional Uncertainty: 5.00
 Convergence: 0.36
 Local North: Grid





CO Pad 633



Azimuths to Grid North
 True North: -0.36°
 Magnetic North: 5.83°

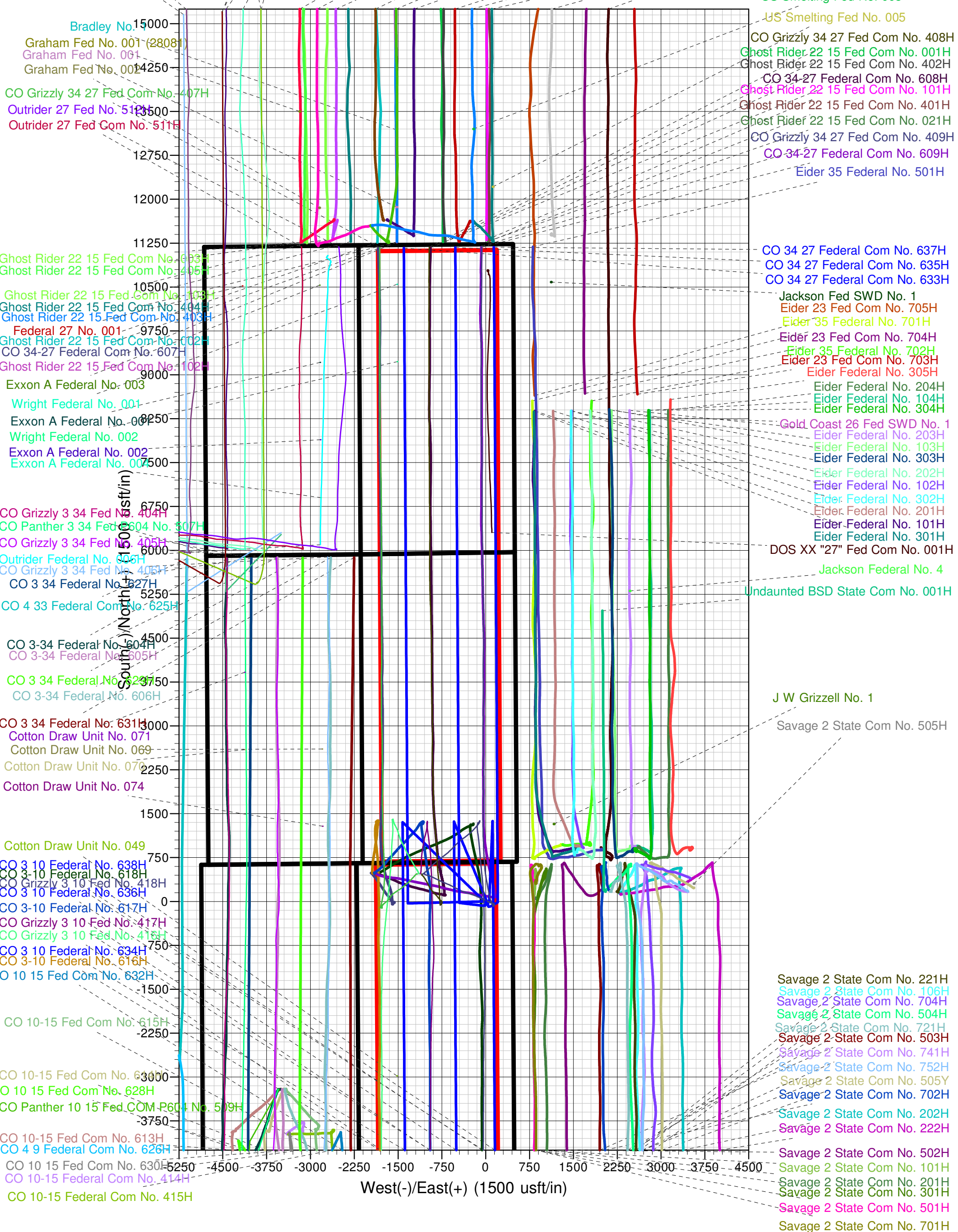
Magnetic Field
 Strength: 47101.7nT
 Dip Angle: 59.66°
 Date: 1/7/2026
 Model: BGGM2025

PROJECT DETAILS: Lea County, NM (NAD27 NME)

Geodetic System: US State Plane 1927 (Exact solution)
 Datum: NAD 1927 (NADCON CONUS)
 Ellipsoid: Clarke 1866
 Zone: New Mexico East 3001

System Datum: Mean Sea Level

- Outrider 28 Fed Com No. 508H
- Outrider 27 Fed Com No. 701H
- Outrider 27 Fed Com No. 103H
- Outrider 27 Fed No. 411H
- Outrider 27 Fed Com No. 509H
- Outrider 27 Fed Com No. 605H
- Outrider 27 Fed Com No. 510H
- Outrider 27 Fed No. 412H
- Ghost Rider 22-15 Fed Com No. 206H
- Ghost Rider 22-15 Fed Com No. 601H
- Ghost Rider 22-15 Fed Com No. 205H
- Ghost Rider 22-15 Fed Com No. 204H
- Ghost Rider 22-15 Fed Com No. 602H
- Ghost Rider 22-15 Fed Com No. 203H
- Ghost Rider 22-15 Fed Com No. 202H
- Ghost Rider 22-15 Fed Com No. 603H
- Ghost Rider 22-15 Fed Com No. 201H
- Charro Fed Com No. 001H
- Eider 35 Fed Com No. 502H



Patterson 815

Chevron USA, Inc.

Lea County, NM (NAD27 NME) CO Pad 633

API# 30-025-54286

CO 34 27 Federal Com No. 635H

OH - 54286

Plan: Plan 2

Sperry Drilling Services

Combo Report

07 January, 2026

Well Coordinates: 32° 9' 53.37 N
103° 39' 18.88 W

NAD 1927 (NADCON CONUS)
New Mexico East 3001
424,345.18 N
709,829.04 E

Ground Level: 3,508.00 usft

Local Coordinate Origin:

Centered on Well CO 34 27 Federal Com No. 635H

Viewing Datum:

GL 3508ft + RKB 28.5ft @ 3536.50usft (Patterson 815)

TVDs to System:

N

North Reference:

Grid

Unit System:

API-US Survey Feet

Compass Version: 5000.17 Build: 04

Report Version: Midcon Combo v1.15

HALLIBURTON



Lea County, NM (NAD27 NME)

Plan Report for CO 34 27 Federal Com No. 635H - Plan 2

| Measured Depth (usft) | Inclination (°) | Grid Azimuth (°) | Vertical Depth (usft) | Local Coordinates | | Map Coordinates | | Dogleg Rate (°/100ft) | Vertical Section (usft) | Toolface Angle (°) | Comments |
|-----------------------|-----------------|------------------|-----------------------|-------------------|----------------|-----------------|----------------|-----------------------|-------------------------|--------------------|------------------------|
| | | | | Northing (usft) | Easting (usft) | Northing (usft) | Easting (usft) | | | | |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 N | 0.00 E | 424,345.18 | 709,829.04 | 0.00 | 0.00 | 0.00 | |
| 100.00 | 0.00 | 0.00 | 100.00 | 0.00 N | 0.00 E | 424,345.18 | 709,829.04 | 0.00 | 0.00 | 0.00 | |
| 200.00 | 0.00 | 0.00 | 200.00 | 0.00 N | 0.00 E | 424,345.18 | 709,829.04 | 0.00 | 0.00 | 0.00 | |
| 300.00 | 0.00 | 0.00 | 300.00 | 0.00 N | 0.00 E | 424,345.18 | 709,829.04 | 0.00 | 0.00 | 0.00 | |
| 400.00 | 0.00 | 0.00 | 400.00 | 0.00 N | 0.00 E | 424,345.18 | 709,829.04 | 0.00 | 0.00 | 0.00 | |
| 500.00 | 0.00 | 0.00 | 500.00 | 0.00 N | 0.00 E | 424,345.18 | 709,829.04 | 0.00 | 0.00 | 0.00 | |
| 600.00 | 0.00 | 0.00 | 600.00 | 0.00 N | 0.00 E | 424,345.18 | 709,829.04 | 0.00 | 0.00 | 0.00 | |
| 700.00 | 0.00 | 0.00 | 700.00 | 0.00 N | 0.00 E | 424,345.18 | 709,829.04 | 0.00 | 0.00 | 0.00 | Build @ 3.00°/100ft |
| 800.00 | 3.00 | 180.00 | 799.95 | 2.62 S | 0.00 E | 424,342.56 | 709,829.04 | 3.00 | -2.62 | 180.00 | |
| 889.09 | 5.67 | 180.00 | 888.78 | 9.35 S | 0.00 E | 424,335.83 | 709,829.04 | 3.00 | -9.35 | 0.00 | Z (RSLR) |
| 900.00 | 6.00 | 180.00 | 899.63 | 10.46 S | 0.00 E | 424,334.72 | 709,829.04 | 3.00 | -10.46 | 0.00 | Start Hold |
| 1,000.00 | 6.00 | 180.00 | 999.09 | 20.92 S | 0.00 E | 424,324.26 | 709,829.04 | 0.00 | -20.91 | 0.00 | |
| 1,074.32 | 6.00 | 180.00 | 1,073.00 | 28.68 S | 0.00 E | 424,316.50 | 709,829.04 | 0.00 | -28.68 | 0.00 | 13-3/8" Surface Casing |
| 1,100.00 | 6.00 | 180.00 | 1,098.54 | 31.37 S | 0.00 E | 424,313.81 | 709,829.04 | 0.00 | -31.37 | 0.00 | |
| 1,200.00 | 6.00 | 180.00 | 1,197.99 | 41.82 S | 0.00 E | 424,303.36 | 709,829.04 | 0.00 | -41.82 | 0.00 | |
| 1,216.37 | 6.00 | 180.00 | 1,214.27 | 43.53 S | 0.00 E | 424,301.65 | 709,829.04 | 0.00 | -43.53 | 0.00 | Z (SLDO) |
| 1,225.15 | 6.00 | 180.00 | 1,223.00 | 44.45 S | 0.00 E | 424,300.73 | 709,829.04 | 0.00 | -44.45 | 0.00 | Build @ 2.00°/100ft |
| 1,300.00 | 5.32 | 193.57 | 1,297.49 | 51.73 S | 0.81 W | 424,293.45 | 709,828.23 | 2.00 | -51.73 | 123.65 | |
| 1,400.00 | 4.99 | 215.68 | 1,397.10 | 59.78 S | 4.44 W | 424,285.40 | 709,824.60 | 2.00 | -59.75 | 110.15 | |
| 1,500.00 | 5.44 | 237.27 | 1,496.69 | 65.87 S | 10.97 W | 424,279.31 | 709,818.07 | 2.00 | -65.81 | 88.13 | |
| 1,600.00 | 6.50 | 253.72 | 1,596.16 | 70.02 S | 20.39 W | 424,275.16 | 709,808.65 | 2.00 | -69.90 | 66.62 | |
| 1,700.00 | 7.93 | 264.94 | 1,695.37 | 72.22 S | 32.68 W | 424,272.96 | 709,796.36 | 2.00 | -72.02 | 50.26 | |
| 1,800.00 | 9.56 | 272.56 | 1,794.21 | 72.46 S | 47.85 W | 424,272.72 | 709,781.19 | 2.00 | -72.16 | 39.13 | |
| 1,882.74 | 11.00 | 277.11 | 1,875.62 | 71.17 S | 62.55 W | 424,274.01 | 709,766.49 | 2.00 | -70.79 | 31.59 | Start Hold |
| 1,900.00 | 11.00 | 277.11 | 1,892.56 | 70.76 S | 65.82 W | 424,274.42 | 709,763.22 | 0.00 | -70.36 | 0.00 | |
| 2,000.00 | 11.00 | 277.11 | 1,990.72 | 68.40 S | 84.76 W | 424,276.78 | 709,744.28 | 0.00 | -67.88 | 0.00 | |
| 2,100.00 | 11.00 | 277.11 | 2,088.88 | 66.04 S | 103.70 W | 424,279.14 | 709,725.34 | 0.00 | -65.41 | 0.00 | |
| 2,200.00 | 11.00 | 277.11 | 2,187.04 | 63.68 S | 122.64 W | 424,281.50 | 709,706.40 | 0.00 | -62.93 | 0.00 | |
| 2,300.00 | 11.00 | 277.11 | 2,285.20 | 61.32 S | 141.58 W | 424,283.86 | 709,687.46 | 0.00 | -60.45 | 0.00 | |
| 2,400.00 | 11.00 | 277.11 | 2,383.37 | 58.96 S | 160.52 W | 424,286.22 | 709,668.52 | 0.00 | -57.97 | 0.00 | |
| 2,500.00 | 11.00 | 277.11 | 2,481.53 | 56.59 S | 179.46 W | 424,288.59 | 709,649.58 | 0.00 | -55.50 | 0.00 | |
| 2,600.00 | 11.00 | 277.11 | 2,579.69 | 54.23 S | 198.40 W | 424,290.95 | 709,630.64 | 0.00 | -53.02 | 0.00 | |
| 2,700.00 | 11.00 | 277.11 | 2,677.85 | 51.87 S | 217.34 W | 424,293.31 | 709,611.70 | 0.00 | -50.54 | 0.00 | |
| 2,800.00 | 11.00 | 277.11 | 2,776.01 | 49.51 S | 236.28 W | 424,295.67 | 709,592.76 | 0.00 | -48.07 | 0.00 | |
| 2,900.00 | 11.00 | 277.11 | 2,874.17 | 47.15 S | 255.22 W | 424,298.03 | 709,573.82 | 0.00 | -45.59 | 0.00 | |
| 3,000.00 | 11.00 | 277.11 | 2,972.34 | 44.79 S | 274.16 W | 424,300.39 | 709,554.88 | 0.00 | -43.11 | 0.00 | |



Plan Report for CO 34 27 Federal Com No. 635H - Plan 2

| Measured Depth (usft) | Inclination (°) | Grid Azimuth (°) | Vertical Depth (usft) | Local Coordinates | | Map Coordinates | | Dogleg Rate (°/100ft) | Vertical Section (usft) | Toolface Angle (°) | Comments |
|-----------------------|-----------------|------------------|-----------------------|-------------------|----------------|-----------------|----------------|-----------------------|-------------------------|--------------------|-----------------------------|
| | | | | Northing (usft) | Easting (usft) | Northing (usft) | Easting (usft) | | | | |
| 3,100.00 | 11.00 | 277.11 | 3,070.50 | 42.43 S | 293.10 W | 424,302.75 | 709,535.94 | 0.00 | -40.63 | 0.00 | |
| 3,200.00 | 11.00 | 277.11 | 3,168.66 | 40.06 S | 312.04 W | 424,305.12 | 709,517.00 | 0.00 | -38.16 | 0.00 | |
| 3,300.00 | 11.00 | 277.11 | 3,266.82 | 37.70 S | 330.98 W | 424,307.48 | 709,498.06 | 0.00 | -35.68 | 0.00 | |
| 3,309.57 | 11.00 | 277.11 | 3,276.21 | 37.48 S | 332.79 W | 424,307.70 | 709,496.25 | 0.00 | -35.44 | 0.00 | Z (CSTL) |
| 3,400.00 | 11.00 | 277.11 | 3,364.98 | 35.34 S | 349.92 W | 424,309.84 | 709,479.12 | 0.00 | -33.20 | 0.00 | |
| 3,500.00 | 11.00 | 277.11 | 3,463.14 | 32.98 S | 368.86 W | 424,312.20 | 709,460.18 | 0.00 | -30.73 | 0.00 | |
| 3,600.00 | 11.00 | 277.11 | 3,561.31 | 30.62 S | 387.80 W | 424,314.56 | 709,441.24 | 0.00 | -28.25 | 0.00 | |
| 3,668.15 | 11.00 | 277.11 | 3,628.21 | 29.01 S | 400.71 W | 424,316.17 | 709,428.33 | 0.00 | -26.56 | 0.00 | Drop @ 2.00°/100ft |
| 3,700.00 | 10.37 | 277.11 | 3,659.50 | 28.28 S | 406.57 W | 424,316.90 | 709,422.47 | 2.00 | -25.79 | 180.00 | |
| 3,800.00 | 8.37 | 277.11 | 3,758.16 | 26.26 S | 422.72 W | 424,318.92 | 709,406.32 | 2.00 | -23.68 | 180.00 | |
| 3,900.00 | 6.37 | 277.11 | 3,857.33 | 24.68 S | 435.44 W | 424,320.50 | 709,393.60 | 2.00 | -22.02 | 180.00 | |
| 4,000.00 | 4.37 | 277.11 | 3,956.89 | 23.52 S | 444.72 W | 424,321.66 | 709,384.32 | 2.00 | -20.80 | 180.00 | |
| 4,100.00 | 2.37 | 277.11 | 4,056.71 | 22.79 S | 450.55 W | 424,322.39 | 709,378.49 | 2.00 | -20.04 | 180.00 | |
| 4,200.00 | 0.37 | 277.11 | 4,156.68 | 22.50 S | 452.91 W | 424,322.68 | 709,376.13 | 2.00 | -19.73 | 180.00 | |
| 4,218.32 | 0.00 | 0.00 | 4,175.00 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 2.00 | -19.72 | 180.00 | Start Hold |
| 4,300.00 | 0.00 | 0.00 | 4,256.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 4,400.00 | 0.00 | 0.00 | 4,356.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 4,500.00 | 0.00 | 0.00 | 4,456.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 4,600.00 | 0.00 | 0.00 | 4,556.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 4,700.00 | 0.00 | 0.00 | 4,656.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 4,800.00 | 0.00 | 0.00 | 4,756.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 4,811.02 | 0.00 | 0.00 | 4,767.70 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | 10-3/4" Intermediate Casing |
| 4,861.02 | 0.00 | 0.00 | 4,817.70 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | Z (LMAR) |
| 4,900.00 | 0.00 | 0.00 | 4,856.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 4,904.93 | 0.00 | 0.00 | 4,861.61 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | Z (BEL) |
| 5,000.00 | 0.00 | 0.00 | 4,956.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 5,100.00 | 0.00 | 0.00 | 5,056.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 5,200.00 | 0.00 | 0.00 | 5,156.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 5,300.00 | 0.00 | 0.00 | 5,256.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 5,400.00 | 0.00 | 0.00 | 5,356.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 5,500.00 | 0.00 | 0.00 | 5,456.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 5,600.00 | 0.00 | 0.00 | 5,556.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 5,700.00 | 0.00 | 0.00 | 5,656.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 5,760.49 | 0.00 | 0.00 | 5,717.17 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | Z (CHR) |
| 5,800.00 | 0.00 | 0.00 | 5,756.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 5,900.00 | 0.00 | 0.00 | 5,856.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 6,000.00 | 0.00 | 0.00 | 5,956.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |



Plan Report for CO 34 27 Federal Com No. 635H - Plan 2

| Measured Depth (usft) | Inclination (°) | Grid Azimuth (°) | Vertical Depth (usft) | Local Coordinates | | Map Coordinates | | Dogleg Rate (°/100ft) | Vertical Section (usft) | Toolface Angle (°) | Comments |
|-----------------------|-----------------|------------------|-----------------------|-------------------|----------------|-----------------|----------------|-----------------------|-------------------------|--------------------|----------|
| | | | | Northing (usft) | Easting (usft) | Northing (usft) | Easting (usft) | | | | |
| 6,100.00 | 0.00 | 0.00 | 6,056.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 6,200.00 | 0.00 | 0.00 | 6,156.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 6,300.00 | 0.00 | 0.00 | 6,256.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 6,400.00 | 0.00 | 0.00 | 6,356.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 6,500.00 | 0.00 | 0.00 | 6,456.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 6,600.00 | 0.00 | 0.00 | 6,556.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 6,700.00 | 0.00 | 0.00 | 6,656.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 6,800.00 | 0.00 | 0.00 | 6,756.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 6,900.00 | 0.00 | 0.00 | 6,856.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 7,000.00 | 0.00 | 0.00 | 6,956.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 7,100.00 | 0.00 | 0.00 | 7,056.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 7,152.72 | 0.00 | 0.00 | 7,109.40 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | Z (BCN) |
| 7,200.00 | 0.00 | 0.00 | 7,156.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 7,300.00 | 0.00 | 0.00 | 7,256.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 7,400.00 | 0.00 | 0.00 | 7,356.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 7,500.00 | 0.00 | 0.00 | 7,456.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 7,600.00 | 0.00 | 0.00 | 7,556.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 7,700.00 | 0.00 | 0.00 | 7,656.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 7,800.00 | 0.00 | 0.00 | 7,756.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 7,900.00 | 0.00 | 0.00 | 7,856.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 8,000.00 | 0.00 | 0.00 | 7,956.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 8,100.00 | 0.00 | 0.00 | 8,056.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 8,200.00 | 0.00 | 0.00 | 8,156.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 8,300.00 | 0.00 | 0.00 | 8,256.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 8,400.00 | 0.00 | 0.00 | 8,356.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 8,500.00 | 0.00 | 0.00 | 8,456.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 8,600.00 | 0.00 | 0.00 | 8,556.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 8,700.00 | 0.00 | 0.00 | 8,656.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 8,795.14 | 0.00 | 0.00 | 8,751.82 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | Z (BSL) |
| 8,800.00 | 0.00 | 0.00 | 8,756.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 8,896.13 | 0.00 | 0.00 | 8,852.81 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | AVU |
| 8,900.00 | 0.00 | 0.00 | 8,856.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 9,000.00 | 0.00 | 0.00 | 8,956.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 9,100.00 | 0.00 | 0.00 | 9,056.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 9,200.00 | 0.00 | 0.00 | 9,156.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 9,300.00 | 0.00 | 0.00 | 9,256.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 9,400.00 | 0.00 | 0.00 | 9,356.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |



Plan Report for CO 34 27 Federal Com No. 635H - Plan 2

| Measured Depth (usft) | Inclination (°) | Grid Azimuth (°) | Vertical Depth (usft) | Local Coordinates | | Map Coordinates | | Dogleg Rate (°/100ft) | Vertical Section (usft) | Toolface Angle (°) | Comments |
|-----------------------|-----------------|------------------|-----------------------|-------------------|----------------|-----------------|----------------|-----------------------|-------------------------|--------------------|----------------------------|
| | | | | Northing (usft) | Easting (usft) | Northing (usft) | Easting (usft) | | | | |
| 9,500.00 | 0.00 | 0.00 | 9,456.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 9,600.00 | 0.00 | 0.00 | 9,556.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 9,700.00 | 0.00 | 0.00 | 9,656.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 9,800.00 | 0.00 | 0.00 | 9,756.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 9,800.74 | 0.00 | 0.00 | 9,757.42 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | FBU |
| 9,900.00 | 0.00 | 0.00 | 9,856.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 10,000.00 | 0.00 | 0.00 | 9,956.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 10,081.96 | 0.00 | 0.00 | 10,038.64 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | FBL |
| 10,100.00 | 0.00 | 0.00 | 10,056.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 10,200.00 | 0.00 | 0.00 | 10,156.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 10,300.00 | 0.00 | 0.00 | 10,256.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 10,400.00 | 0.00 | 0.00 | 10,356.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 10,409.68 | 0.00 | 0.00 | 10,366.36 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | SBU |
| 10,500.00 | 0.00 | 0.00 | 10,456.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 10,600.00 | 0.00 | 0.00 | 10,556.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 10,700.00 | 0.00 | 0.00 | 10,656.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 10,800.00 | 0.00 | 0.00 | 10,756.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 10,900.00 | 0.00 | 0.00 | 10,856.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 10,962.73 | 0.00 | 0.00 | 10,919.41 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | SBL |
| 11,000.00 | 0.00 | 0.00 | 10,956.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 11,100.00 | 0.00 | 0.00 | 11,056.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 11,200.00 | 0.00 | 0.00 | 11,156.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 11,300.00 | 0.00 | 0.00 | 11,256.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 11,400.00 | 0.00 | 0.00 | 11,356.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 11,491.24 | 0.00 | 0.00 | 11,447.92 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | 7-5/8" Intermediate Casing |
| 11,500.00 | 0.00 | 0.00 | 11,456.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 11,600.00 | 0.00 | 0.00 | 11,556.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 11,685.82 | 0.00 | 0.00 | 11,642.50 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | TBS |
| 11,700.00 | 0.00 | 0.00 | 11,656.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 11,800.00 | 0.00 | 0.00 | 11,756.68 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | |
| 11,829.08 | 0.00 | 0.00 | 11,785.76 | 22.49 S | 452.97 W | 424,322.69 | 709,376.07 | 0.00 | -19.72 | 0.00 | KOP @ 8.00°/100ft |
| 11,900.00 | 5.67 | 359.65 | 11,856.56 | 18.98 S | 452.99 W | 424,326.20 | 709,376.05 | 8.00 | -16.22 | 359.65 | |
| 12,000.00 | 13.67 | 359.65 | 11,955.06 | 2.19 S | 453.09 W | 424,342.99 | 709,375.95 | 8.00 | 0.57 | 0.00 | |
| 12,100.00 | 21.67 | 359.65 | 12,050.26 | 28.14 N | 453.28 W | 424,373.32 | 709,375.76 | 8.00 | 30.91 | 0.00 | |
| 12,153.33 | 25.94 | 359.65 | 12,099.04 | 49.66 N | 453.41 W | 424,394.84 | 709,375.63 | 8.00 | 52.43 | 0.00 | WCA |
| 12,200.00 | 29.67 | 359.65 | 12,140.32 | 71.43 N | 453.54 W | 424,416.61 | 709,375.50 | 8.00 | 74.20 | 0.00 | |



Plan Report for CO 34 27 Federal Com No. 635H - Plan 2

| Measured Depth (usft) | Inclination (°) | Grid Azimuth (°) | Vertical Depth (usft) | Local Coordinates | | Map Coordinates | | Dogleg Rate (°/100ft) | Vertical Section (usft) | Toolface Angle (°) | Comments |
|-----------------------|-----------------|------------------|-----------------------|-------------------|----------------|-----------------|----------------|-----------------------|-------------------------|--------------------|--------------------------|
| | | | | Northing (usft) | Easting (usft) | Northing (usft) | Easting (usft) | | | | |
| 12,300.00 | 37.67 | 359.65 | 12,223.47 | 126.83 N | 453.88 W | 424,472.01 | 709,375.16 | 8.00 | 129.60 | 0.00 | |
| 12,400.00 | 45.67 | 359.65 | 12,298.10 | 193.26 N | 454.28 W | 424,538.44 | 709,374.76 | 8.00 | 196.03 | 0.00 | |
| 12,410.94 | 46.55 | 359.65 | 12,305.69 | 201.15 N | 454.33 W | 424,546.33 | 709,374.71 | 8.00 | 203.92 | 0.00 | WCA1 |
| 12,500.00 | 53.67 | 359.65 | 12,362.77 | 269.43 N | 454.75 W | 424,614.61 | 709,374.29 | 8.00 | 272.21 | 0.00 | |
| 12,600.00 | 61.67 | 359.65 | 12,416.20 | 353.86 N | 455.26 W | 424,699.04 | 709,373.78 | 8.00 | 356.64 | 0.00 | |
| 12,700.00 | 69.67 | 359.65 | 12,457.36 | 444.91 N | 455.82 W | 424,790.09 | 709,373.22 | 8.00 | 447.69 | 0.00 | |
| 12,800.00 | 77.67 | 359.65 | 12,485.45 | 540.80 N | 456.40 W | 424,885.98 | 709,372.64 | 8.00 | 543.58 | 0.00 | |
| 12,860.80 | 82.54 | 359.65 | 12,495.89 | 600.68 N | 456.76 W | 424,945.86 | 709,372.28 | 8.00 | 603.46 | 0.00 | CO_WCA1_TGT1_Aug2025 |
| 12,900.00 | 85.67 | 359.65 | 12,499.91 | 639.66 N | 457.00 W | 424,984.84 | 709,372.04 | 8.00 | 642.44 | 0.00 | |
| 12,955.10 | 90.08 | 359.65 | 12,501.96 | 694.71 N | 457.34 W | 425,039.89 | 709,371.70 | 8.00 | 697.49 | 0.00 | Landing Point/Start Hold |
| 13,000.00 | 90.08 | 359.65 | 12,501.89 | 739.61 N | 457.61 W | 425,084.79 | 709,371.43 | 0.00 | 742.39 | -2.06 | |
| 13,100.00 | 90.08 | 359.65 | 12,501.75 | 839.61 N | 458.22 W | 425,184.79 | 709,370.82 | 0.00 | 842.39 | 0.00 | |
| 13,200.00 | 90.08 | 359.65 | 12,501.61 | 939.60 N | 458.83 W | 425,284.78 | 709,370.21 | 0.00 | 942.39 | 0.00 | |
| 13,300.00 | 90.08 | 359.65 | 12,501.46 | 1,039.60 N | 459.44 W | 425,384.78 | 709,369.60 | 0.00 | 1,042.39 | 0.00 | |
| 13,400.00 | 90.08 | 359.65 | 12,501.32 | 1,139.60 N | 460.04 W | 425,484.78 | 709,369.00 | 0.00 | 1,142.39 | 0.00 | |
| 13,500.00 | 90.08 | 359.65 | 12,501.18 | 1,239.60 N | 460.65 W | 425,584.78 | 709,368.39 | 0.00 | 1,242.39 | 0.00 | |
| 13,600.00 | 90.08 | 359.65 | 12,501.04 | 1,339.60 N | 461.26 W | 425,684.78 | 709,367.78 | 0.00 | 1,342.39 | 0.00 | |
| 13,700.00 | 90.08 | 359.65 | 12,500.90 | 1,439.59 N | 461.87 W | 425,784.77 | 709,367.17 | 0.00 | 1,442.39 | 0.00 | |
| 13,800.00 | 90.08 | 359.65 | 12,500.75 | 1,539.59 N | 462.48 W | 425,884.77 | 709,366.56 | 0.00 | 1,542.39 | 0.00 | |
| 13,900.00 | 90.08 | 359.65 | 12,500.61 | 1,639.59 N | 463.09 W | 425,984.77 | 709,365.95 | 0.00 | 1,642.39 | 0.00 | |
| 14,000.00 | 90.08 | 359.65 | 12,500.47 | 1,739.59 N | 463.70 W | 426,084.77 | 709,365.34 | 0.00 | 1,742.39 | 0.00 | |
| 14,100.00 | 90.08 | 359.65 | 12,500.33 | 1,839.59 N | 464.31 W | 426,184.77 | 709,364.73 | 0.00 | 1,842.39 | 0.00 | |
| 14,200.00 | 90.08 | 359.65 | 12,500.18 | 1,939.59 N | 464.92 W | 426,284.77 | 709,364.12 | 0.00 | 1,942.39 | 0.00 | |
| 14,300.00 | 90.08 | 359.65 | 12,500.04 | 2,039.58 N | 465.52 W | 426,384.76 | 709,363.52 | 0.00 | 2,042.39 | 0.00 | |
| 14,400.00 | 90.08 | 359.65 | 12,499.90 | 2,139.58 N | 466.13 W | 426,484.76 | 709,362.91 | 0.00 | 2,142.39 | 0.00 | |
| 14,500.00 | 90.08 | 359.65 | 12,499.76 | 2,239.58 N | 466.74 W | 426,584.76 | 709,362.30 | 0.00 | 2,242.39 | 0.00 | |
| 14,600.00 | 90.08 | 359.65 | 12,499.61 | 2,339.58 N | 467.35 W | 426,684.76 | 709,361.69 | 0.00 | 2,342.39 | 0.00 | |
| 14,700.00 | 90.08 | 359.65 | 12,499.47 | 2,439.58 N | 467.96 W | 426,784.76 | 709,361.08 | 0.00 | 2,442.39 | 0.00 | |
| 14,800.00 | 90.08 | 359.65 | 12,499.33 | 2,539.57 N | 468.57 W | 426,884.75 | 709,360.47 | 0.00 | 2,542.39 | 0.00 | |
| 14,900.00 | 90.08 | 359.65 | 12,499.19 | 2,639.57 N | 469.18 W | 426,984.75 | 709,359.86 | 0.00 | 2,642.39 | 0.00 | |
| 15,000.00 | 90.08 | 359.65 | 12,499.05 | 2,739.57 N | 469.79 W | 427,084.75 | 709,359.25 | 0.00 | 2,742.39 | 0.00 | |
| 15,100.00 | 90.08 | 359.65 | 12,498.90 | 2,839.57 N | 470.39 W | 427,184.75 | 709,358.65 | 0.00 | 2,842.39 | 0.00 | |
| 15,200.00 | 90.08 | 359.65 | 12,498.76 | 2,939.57 N | 471.00 W | 427,284.75 | 709,358.04 | 0.00 | 2,942.39 | 0.00 | |
| 15,300.00 | 90.08 | 359.65 | 12,498.62 | 3,039.56 N | 471.61 W | 427,384.74 | 709,357.43 | 0.00 | 3,042.39 | 0.00 | |
| 15,400.00 | 90.08 | 359.65 | 12,498.48 | 3,139.56 N | 472.22 W | 427,484.74 | 709,356.82 | 0.00 | 3,142.39 | 0.00 | |
| 15,500.00 | 90.08 | 359.65 | 12,498.33 | 3,239.56 N | 472.83 W | 427,584.74 | 709,356.21 | 0.00 | 3,242.39 | 0.00 | |
| 15,600.00 | 90.08 | 359.65 | 12,498.19 | 3,339.56 N | 473.44 W | 427,684.74 | 709,355.60 | 0.00 | 3,342.39 | 0.00 | |



Plan Report for CO 34 27 Federal Com No. 635H - Plan 2

| Measured Depth (usft) | Inclination (°) | Grid Azimuth (°) | Vertical Depth (usft) | Local Coordinates | | Map Coordinates | | Dogleg Rate (°/100ft) | Vertical Section (usft) | Toolface Angle (°) | Comments |
|-----------------------|-----------------|------------------|-----------------------|-------------------|----------------|-----------------|----------------|-----------------------|-------------------------|--------------------|--------------------|
| | | | | Northing (usft) | Easting (usft) | Northing (usft) | Easting (usft) | | | | |
| 15,700.00 | 90.08 | 359.65 | 12,498.05 | 3,439.56 N | 474.05 W | 427,784.74 | 709,354.99 | 0.00 | 3,442.39 | 0.00 | |
| 15,800.00 | 90.08 | 359.65 | 12,497.91 | 3,539.55 N | 474.66 W | 427,884.73 | 709,354.38 | 0.00 | 3,542.39 | 0.00 | |
| 15,900.00 | 90.08 | 359.65 | 12,497.77 | 3,639.55 N | 475.26 W | 427,984.73 | 709,353.78 | 0.00 | 3,642.39 | 0.00 | |
| 16,000.00 | 90.08 | 359.65 | 12,497.62 | 3,739.55 N | 475.87 W | 428,084.73 | 709,353.17 | 0.00 | 3,742.39 | 0.00 | |
| 16,100.00 | 90.08 | 359.65 | 12,497.48 | 3,839.55 N | 476.48 W | 428,184.73 | 709,352.56 | 0.00 | 3,842.39 | 0.00 | |
| 16,200.00 | 90.08 | 359.65 | 12,497.34 | 3,939.55 N | 477.09 W | 428,284.73 | 709,351.95 | 0.00 | 3,942.39 | 0.00 | |
| 16,300.00 | 90.08 | 359.65 | 12,497.20 | 4,039.54 N | 477.70 W | 428,384.72 | 709,351.34 | 0.00 | 4,042.39 | 0.00 | |
| 16,400.00 | 90.08 | 359.65 | 12,497.05 | 4,139.54 N | 478.31 W | 428,484.72 | 709,350.73 | 0.00 | 4,142.39 | 0.00 | |
| 16,500.00 | 90.08 | 359.65 | 12,496.91 | 4,239.54 N | 478.92 W | 428,584.72 | 709,350.12 | 0.00 | 4,242.39 | 0.00 | |
| 16,600.00 | 90.08 | 359.65 | 12,496.77 | 4,339.54 N | 479.53 W | 428,684.72 | 709,349.51 | 0.00 | 4,342.39 | 0.00 | |
| 16,700.00 | 90.08 | 359.65 | 12,496.63 | 4,439.54 N | 480.14 W | 428,784.72 | 709,348.90 | 0.00 | 4,442.39 | 0.00 | |
| 16,800.00 | 90.08 | 359.65 | 12,496.48 | 4,539.53 N | 480.74 W | 428,884.71 | 709,348.30 | 0.00 | 4,542.39 | 0.00 | |
| 16,900.00 | 90.08 | 359.65 | 12,496.34 | 4,639.53 N | 481.35 W | 428,984.71 | 709,347.69 | 0.00 | 4,642.39 | 0.00 | |
| 17,000.00 | 90.08 | 359.65 | 12,496.20 | 4,739.53 N | 481.96 W | 429,084.71 | 709,347.08 | 0.00 | 4,742.39 | 0.00 | |
| 17,100.00 | 90.08 | 359.65 | 12,496.06 | 4,839.53 N | 482.57 W | 429,184.71 | 709,346.47 | 0.00 | 4,842.39 | 0.00 | |
| 17,200.00 | 90.08 | 359.65 | 12,495.92 | 4,939.53 N | 483.18 W | 429,284.71 | 709,345.86 | 0.00 | 4,942.39 | 0.00 | |
| 17,300.00 | 90.08 | 359.65 | 12,495.77 | 5,039.52 N | 483.79 W | 429,384.70 | 709,345.25 | 0.00 | 5,042.39 | 0.00 | |
| 17,400.00 | 90.08 | 359.65 | 12,495.63 | 5,139.52 N | 484.40 W | 429,484.70 | 709,344.64 | 0.00 | 5,142.39 | 0.00 | |
| 17,500.00 | 90.08 | 359.65 | 12,495.49 | 5,239.52 N | 485.01 W | 429,584.70 | 709,344.03 | 0.00 | 5,242.39 | 0.00 | |
| 17,600.00 | 90.08 | 359.65 | 12,495.35 | 5,339.52 N | 485.61 W | 429,684.70 | 709,343.43 | 0.00 | 5,342.39 | 0.00 | |
| 17,700.00 | 90.08 | 359.65 | 12,495.20 | 5,439.52 N | 486.22 W | 429,784.70 | 709,342.82 | 0.00 | 5,442.39 | 0.00 | |
| 17,800.00 | 90.08 | 359.65 | 12,495.06 | 5,539.51 N | 486.83 W | 429,884.69 | 709,342.21 | 0.00 | 5,542.39 | 0.00 | |
| 17,900.00 | 90.08 | 359.65 | 12,494.92 | 5,639.51 N | 487.44 W | 429,984.69 | 709,341.60 | 0.00 | 5,642.39 | 0.00 | |
| 18,000.00 | 90.08 | 359.65 | 12,494.78 | 5,739.51 N | 488.05 W | 430,084.69 | 709,340.99 | 0.00 | 5,742.39 | 0.00 | |
| 18,100.00 | 90.08 | 359.65 | 12,494.63 | 5,839.51 N | 488.66 W | 430,184.69 | 709,340.38 | 0.00 | 5,842.38 | 0.00 | |
| 18,200.00 | 90.08 | 359.65 | 12,494.49 | 5,939.51 N | 489.27 W | 430,284.69 | 709,339.77 | 0.00 | 5,942.38 | 0.00 | |
| 18,300.00 | 90.08 | 359.65 | 12,494.35 | 6,039.50 N | 489.88 W | 430,384.68 | 709,339.16 | 0.00 | 6,042.38 | 0.00 | |
| 18,400.00 | 90.08 | 359.65 | 12,494.21 | 6,139.50 N | 490.48 W | 430,484.68 | 709,338.56 | 0.00 | 6,142.38 | 0.00 | |
| 18,500.00 | 90.08 | 359.65 | 12,494.07 | 6,239.50 N | 491.09 W | 430,584.68 | 709,337.95 | 0.00 | 6,242.38 | 0.00 | |
| 18,600.00 | 90.08 | 359.65 | 12,493.92 | 6,339.50 N | 491.70 W | 430,684.68 | 709,337.34 | 0.00 | 6,342.38 | 0.00 | |
| 18,700.00 | 90.08 | 359.65 | 12,493.78 | 6,439.50 N | 492.31 W | 430,784.68 | 709,336.73 | 0.00 | 6,442.38 | 0.00 | |
| 18,800.00 | 90.08 | 359.65 | 12,493.64 | 6,539.50 N | 492.92 W | 430,884.68 | 709,336.12 | 0.00 | 6,542.38 | 0.00 | |
| 18,900.00 | 90.08 | 359.65 | 12,493.50 | 6,639.49 N | 493.53 W | 430,984.67 | 709,335.51 | 0.00 | 6,642.38 | 0.00 | |
| 19,000.00 | 90.08 | 359.65 | 12,493.35 | 6,739.49 N | 494.14 W | 431,084.67 | 709,334.90 | 0.00 | 6,742.38 | 0.00 | |
| 19,100.00 | 90.08 | 359.65 | 12,493.21 | 6,839.49 N | 494.75 W | 431,184.67 | 709,334.29 | 0.00 | 6,842.38 | 0.00 | |
| 19,200.00 | 90.08 | 359.65 | 12,493.07 | 6,939.49 N | 495.36 W | 431,284.67 | 709,333.68 | 0.00 | 6,942.38 | 0.00 | |
| 19,213.93 | 90.08 | 359.65 | 12,493.05 | 6,953.42 N | 495.44 W | 431,298.60 | 709,333.60 | 0.00 | 6,956.32 | 0.00 | Drop @ 2.00°/100ft |



Lea County, NM (NAD27 NME)

Plan Report for CO 34 27 Federal Com No. 635H - Plan 2

| Measured Depth (usft) | Inclination (°) | Grid Azimuth (°) | Vertical Depth (usft) | Local Coordinates | | Map Coordinates | | Dogleg Rate (°/100ft) | Vertical Section (usft) | Toolface Angle (°) | Comments |
|-----------------------|-----------------|------------------|-----------------------|-------------------|----------------|-----------------|----------------|-----------------------|-------------------------|--------------------|------------|
| | | | | Northing (usft) | Easting (usft) | Northing (usft) | Easting (usft) | | | | |
| 19,227.55 | 89.81 | 359.65 | 12,493.06 | 6,967.04 N | 495.52 W | 431,312.22 | 709,333.52 | 2.00 | 6,969.94 | 179.20 | Start Hold |
| 19,300.00 | 89.81 | 359.65 | 12,493.30 | 7,039.49 N | 495.96 W | 431,384.67 | 709,333.08 | 0.00 | 7,042.38 | 178.43 | |
| 19,400.00 | 89.81 | 359.65 | 12,493.64 | 7,139.48 N | 496.56 W | 431,484.66 | 709,332.48 | 0.00 | 7,142.38 | 0.00 | |
| 19,500.00 | 89.81 | 359.65 | 12,493.97 | 7,239.48 N | 497.16 W | 431,584.66 | 709,331.88 | 0.00 | 7,242.38 | 0.00 | |
| 19,600.00 | 89.81 | 359.65 | 12,494.30 | 7,339.48 N | 497.77 W | 431,684.66 | 709,331.27 | 0.00 | 7,342.38 | 0.00 | |
| 19,700.00 | 89.81 | 359.65 | 12,494.64 | 7,439.48 N | 498.37 W | 431,784.66 | 709,330.67 | 0.00 | 7,442.38 | 0.00 | |
| 19,800.00 | 89.81 | 359.65 | 12,494.97 | 7,539.47 N | 498.97 W | 431,884.65 | 709,330.07 | 0.00 | 7,542.38 | 0.00 | |
| 19,900.00 | 89.81 | 359.65 | 12,495.30 | 7,639.47 N | 499.57 W | 431,984.65 | 709,329.47 | 0.00 | 7,642.38 | 0.00 | |
| 20,000.00 | 89.81 | 359.65 | 12,495.64 | 7,739.47 N | 500.17 W | 432,084.65 | 709,328.87 | 0.00 | 7,742.38 | 0.00 | |
| 20,100.00 | 89.81 | 359.65 | 12,495.97 | 7,839.47 N | 500.78 W | 432,184.65 | 709,328.26 | 0.00 | 7,842.38 | 0.00 | |
| 20,200.00 | 89.81 | 359.65 | 12,496.30 | 7,939.46 N | 501.38 W | 432,284.64 | 709,327.66 | 0.00 | 7,942.38 | 0.00 | |
| 20,300.00 | 89.81 | 359.65 | 12,496.64 | 8,039.46 N | 501.98 W | 432,384.64 | 709,327.06 | 0.00 | 8,042.38 | 0.00 | |
| 20,400.00 | 89.81 | 359.65 | 12,496.97 | 8,139.46 N | 502.58 W | 432,484.64 | 709,326.46 | 0.00 | 8,142.38 | 0.00 | |
| 20,500.00 | 89.81 | 359.65 | 12,497.30 | 8,239.46 N | 503.18 W | 432,584.64 | 709,325.86 | 0.00 | 8,242.38 | 0.00 | |
| 20,600.00 | 89.81 | 359.65 | 12,497.64 | 8,339.45 N | 503.79 W | 432,684.63 | 709,325.25 | 0.00 | 8,342.38 | 0.00 | |
| 20,700.00 | 89.81 | 359.65 | 12,497.97 | 8,439.45 N | 504.39 W | 432,784.63 | 709,324.65 | 0.00 | 8,442.38 | 0.00 | |
| 20,800.00 | 89.81 | 359.65 | 12,498.30 | 8,539.45 N | 504.99 W | 432,884.63 | 709,324.05 | 0.00 | 8,542.38 | 0.00 | |
| 20,900.00 | 89.81 | 359.65 | 12,498.63 | 8,639.45 N | 505.59 W | 432,984.63 | 709,323.45 | 0.00 | 8,642.37 | 0.00 | |
| 21,000.00 | 89.81 | 359.65 | 12,498.97 | 8,739.44 N | 506.20 W | 433,084.62 | 709,322.84 | 0.00 | 8,742.37 | 0.00 | |
| 21,100.00 | 89.81 | 359.65 | 12,499.30 | 8,839.44 N | 506.80 W | 433,184.62 | 709,322.24 | 0.00 | 8,842.37 | 0.00 | |
| 21,200.00 | 89.81 | 359.65 | 12,499.63 | 8,939.44 N | 507.40 W | 433,284.62 | 709,321.64 | 0.00 | 8,942.37 | 0.00 | |
| 21,300.00 | 89.81 | 359.65 | 12,499.97 | 9,039.44 N | 508.00 W | 433,384.62 | 709,321.04 | 0.00 | 9,042.37 | 0.00 | |
| 21,400.00 | 89.81 | 359.65 | 12,500.30 | 9,139.44 N | 508.60 W | 433,484.62 | 709,320.44 | 0.00 | 9,142.37 | 0.00 | |
| 21,500.00 | 89.81 | 359.65 | 12,500.63 | 9,239.43 N | 509.21 W | 433,584.61 | 709,319.83 | 0.00 | 9,242.37 | 0.00 | |
| 21,600.00 | 89.81 | 359.65 | 12,500.97 | 9,339.43 N | 509.81 W | 433,684.61 | 709,319.23 | 0.00 | 9,342.37 | 0.00 | |
| 21,700.00 | 89.81 | 359.65 | 12,501.30 | 9,439.43 N | 510.41 W | 433,784.61 | 709,318.63 | 0.00 | 9,442.37 | 0.00 | |
| 21,800.00 | 89.81 | 359.65 | 12,501.63 | 9,539.43 N | 511.01 W | 433,884.61 | 709,318.03 | 0.00 | 9,542.37 | 0.00 | |
| 21,900.00 | 89.81 | 359.65 | 12,501.97 | 9,639.42 N | 511.62 W | 433,984.60 | 709,317.42 | 0.00 | 9,642.37 | 0.00 | |
| 22,000.00 | 89.81 | 359.65 | 12,502.30 | 9,739.42 N | 512.22 W | 434,084.60 | 709,316.82 | 0.00 | 9,742.37 | 0.00 | |
| 22,100.00 | 89.81 | 359.65 | 12,502.63 | 9,839.42 N | 512.82 W | 434,184.60 | 709,316.22 | 0.00 | 9,842.37 | 0.00 | |
| 22,200.00 | 89.81 | 359.65 | 12,502.97 | 9,939.42 N | 513.42 W | 434,284.60 | 709,315.62 | 0.00 | 9,942.37 | 0.00 | |
| 22,300.00 | 89.81 | 359.65 | 12,503.30 | 10,039.41 N | 514.02 W | 434,384.59 | 709,315.02 | 0.00 | 10,042.37 | 0.00 | |
| 22,400.00 | 89.81 | 359.65 | 12,503.63 | 10,139.41 N | 514.63 W | 434,484.59 | 709,314.41 | 0.00 | 10,142.37 | 0.00 | |
| 22,500.00 | 89.81 | 359.65 | 12,503.97 | 10,239.41 N | 515.23 W | 434,584.59 | 709,313.81 | 0.00 | 10,242.37 | 0.00 | |
| 22,600.00 | 89.81 | 359.65 | 12,504.30 | 10,339.41 N | 515.83 W | 434,684.59 | 709,313.21 | 0.00 | 10,342.37 | 0.00 | |
| 22,700.00 | 89.81 | 359.65 | 12,504.63 | 10,439.40 N | 516.43 W | 434,784.58 | 709,312.61 | 0.00 | 10,442.36 | 0.00 | |

HALLIBURTON

Lea County, NM (NAD27 NME)

Plan Report for CO 34 27 Federal Com No. 635H - Plan 2

| Measured Depth (usft) | Inclination (°) | Grid Azimuth (°) | Vertical Depth (usft) | Local Coordinates | | Map Coordinates | | Dogleg Rate (°/100ft) | Vertical Section (usft) | Toolface Angle (°) | Comments |
|-----------------------|-----------------|------------------|-----------------------|-------------------|----------------|-----------------|----------------|-----------------------|-------------------------|--------------------|-------------------------|
| | | | | Northing (usft) | Easting (usft) | Northing (usft) | Easting (usft) | | | | |
| 22,800.00 | 89.81 | 359.65 | 12,504.96 | 10,539.40 N | 517.04 W | 434,884.58 | 709,312.00 | 0.00 | 10,542.36 | 0.00 | |
| 22,900.00 | 89.81 | 359.65 | 12,505.30 | 10,639.40 N | 517.64 W | 434,984.58 | 709,311.40 | 0.00 | 10,642.36 | 0.00 | |
| 23,000.00 | 89.81 | 359.65 | 12,505.63 | 10,739.40 N | 518.24 W | 435,084.58 | 709,310.80 | 0.00 | 10,742.36 | 0.00 | |
| 23,100.00 | 89.81 | 359.65 | 12,505.96 | 10,839.40 N | 518.84 W | 435,184.58 | 709,310.20 | 0.00 | 10,842.36 | 0.00 | |
| 23,200.00 | 89.81 | 359.65 | 12,506.30 | 10,939.39 N | 519.44 W | 435,284.57 | 709,309.60 | 0.00 | 10,942.36 | 0.00 | |
| 23,300.00 | 89.81 | 359.65 | 12,506.63 | 11,039.39 N | 520.05 W | 435,384.57 | 709,308.99 | 0.00 | 11,042.36 | 0.00 | |
| 23,386.98 | 89.81 | 359.65 | 12,506.92 | 11,126.37 N | 520.57 W | 435,471.55 | 709,308.47 | 0.00 | 11,129.34 | 0.00 | LTP Cross |
| 23,400.00 | 89.81 | 359.65 | 12,506.96 | 11,139.39 N | 520.65 W | 435,484.57 | 709,308.39 | 0.00 | 11,142.36 | 0.00 | |
| 23,426.99 | 89.81 | 359.65 | 12,507.05 | 11,166.37 N | 520.81 W | 435,511.55 | 709,308.23 | 0.00 | 11,169.35 | 0.00 | 5-1/2" Production Liner |
| 23,436.98 | 89.81 | 359.65 | 12,507.09 | 11,176.37 N | 520.87 W | 435,521.55 | 709,308.17 | 0.00 | 11,179.34 | 0.00 | TD at 23436.98 |

Plan Annotations

| Measured Depth (usft) | Vertical Depth (usft) | Local Coordinates | | Comment |
|-----------------------|-----------------------|-------------------|--------------|--------------------------|
| | | +N/-S (usft) | +E/-W (usft) | |
| 700.00 | 700.00 | 0.00 | 0.00 | Build @ 3.00°/100ft |
| 900.00 | 899.63 | -10.46 | 0.00 | Start Hold |
| 1,225.15 | 1,223.00 | -44.45 | 0.00 | Build @ 2.00°/100ft |
| 1,882.74 | 1,875.62 | -71.17 | -62.55 | Start Hold |
| 3,668.15 | 3,628.21 | -29.01 | -400.71 | Drop @ 2.00°/100ft |
| 4,218.32 | 4,175.00 | -22.49 | -452.97 | Start Hold |
| 11,829.08 | 11,785.76 | -22.49 | -452.97 | KOP @ 8.00°/100ft |
| 12,955.10 | 12,501.96 | 694.71 | -457.34 | Landing Point/Start Hold |
| 19,213.93 | 12,493.05 | 6,953.42 | -495.44 | Drop @ 2.00°/100ft |
| 19,227.55 | 12,493.06 | 6,967.04 | -495.52 | Start Hold |
| 23,386.98 | 12,506.92 | 11,126.37 | -520.57 | LTP Cross |
| 23,436.98 | 12,507.09 | 11,176.37 | -520.87 | TD at 23436.98 |

Vertical Section Information

| User | Angle Type | Target | Azimuth (°) | Origin Type | Origin | | Start TVD (usft) |
|------|------------|----------------------|-------------|-------------|--------------|--------------|------------------|
| | | | | | +N/_S (usft) | +E/-W (usft) | |
| User | | No Target (Freehand) | 359.65 | Slot | 0.00 | 0.00 | 0.00 |

HALLIBURTON

Lea County, NM (NAD27 NME)

Plan Report for CO 34 27 Federal Com No. 635H - Plan 2

Survey tool program

| From (usft) | To (usft) | Survey/Plan | Survey Tool |
|-------------|-----------|-------------|-------------------|
| 0.00 | 1,074.32 | Plan 2 | 3_MWD+IFR1+Sag |
| 1,074.32 | 4,811.02 | Plan 2 | 3_MWD+IFR1+MS+Sag |
| 4,811.02 | 11,491.24 | Plan 2 | 3_MWD+IFR1+MS+Sag |
| 11,491.24 | 23,436.98 | Plan 2 | 3_MWD+IFR1+MS+Sag |

Casing Details

| Measured Depth (usft) | Vertical Depth (usft) | Name | Casing Diameter (in) | Hole Diameter (in) |
|-----------------------|-----------------------|-----------------------------|----------------------|--------------------|
| 1,074.32 | 1,073.00 | 13-3/8" Surface Casing | 13.375 | 17.500 |
| 4,811.02 | 4,767.70 | 10-3/4" Intermediate Casing | 10.750 | 12.250 |
| 11,491.24 | 11,447.92 | 7-5/8" Intermediate Casing | 7.625 | 9.875 |
| 23,426.99 | 12,507.05 | 5-1/2" Production Liner | 5.500 | 6.750 |

Formation Details

| Measured Depth (usft) | Vertical Depth (usft) | TVDSS (usft) | Name | Lithology | Dip (°) | Dip Direction (°) |
|-----------------------|-----------------------|--------------|----------------------|-----------|---------|-------------------|
| 889.09 | 888.78 | -2,647.72 | Z (RSLR) | | | |
| 1,216.37 | 1,214.27 | -2,322.23 | Z (SLDO) | | | |
| 3,309.57 | 3,276.21 | -260.29 | Z (GSTL) | | | |
| 4,861.02 | 4,817.70 | 1,281.20 | Z (LMAR) | | | |
| 4,904.93 | 4,861.61 | 1,325.11 | Z (BEL) | | | |
| 5,760.49 | 5,717.17 | 2,180.67 | Z (CHR) | | | |
| 7,152.72 | 7,109.40 | 3,572.90 | Z (BCN) | | | |
| 8,795.14 | 8,751.82 | 5,215.32 | Z (BSL) | | | |
| 8,896.13 | 8,852.81 | 5,316.31 | AVU | | | |
| 9,800.74 | 9,757.42 | 6,220.92 | FBU | | | |
| 10,081.96 | 10,038.64 | 6,502.14 | FBL | | | |
| 10,409.68 | 10,366.36 | 6,829.86 | SBU | | | |
| 10,962.73 | 10,919.41 | 7,382.91 | SBL | | | |
| 11,685.82 | 11,642.50 | 8,106.00 | TBS | | | |
| 12,153.33 | 12,099.04 | 8,562.54 | WCA | | | |
| 12,410.94 | 12,305.69 | 8,769.19 | WCA1 | | | |
| 12,860.80 | 12,495.89 | 8,959.39 | CO_WCA1_TGT1_Aug2025 | | | |

HALLIBURTON

Lea County, NM (NAD27 NME)

Plan Report for CO 34 27 Federal Com No. 635H - Plan 2

Design Targets

| Target Name - hit/miss target - Shape | Dip Angle (°) | Dip Dir. (°) | TVD (usft) | +N/-S (usft) | +E/-W (usft) | Northing (usft) | Easting (usft) | Latitude | Longitude |
|---|------------------|-----------------|---------------|-----------------|-----------------|--------------------|-------------------|-----------------|------------------|
| CO 635H VT () - plan hits target center - Point | 0.00 | 0.00 | 4,175.00 | -22.49 | -452.97 | 424,322.69 | 709,376.07 | 32° 9' 53.17 N | 103° 39' 24.15 W |
| CO 635H ITP1 () - plan hits target center - Point | 0.00 | 0.00 | 12,493.05 | 6,953.42 | -495.44 | 431,298.60 | 709,333.60 | 32° 11' 2.21 N | 103° 39' 24.14 W |
| CO 635H MP (990' FEL) () - plan misses target center by 3.12usft at 18216.05usft MD (12494.47 TVD, 5955.56 N, -489.36 E) - Point | 0.00 | 0.00 | 12,494.47 | 5,955.54 | -492.48 | 430,300.72 | 709,336.56 | 32° 10' 52.33 N | 103° 39' 24.18 W |
| CO 635H PPP (2633' FSL/990' FEL) () - plan misses target center by 0.68usft at 20848.22usft MD (12498.46 TVD, 8587.66 N, -505.28 E) - Point | 0.00 | 0.00 | 12,498.46 | 8,587.66 | -505.96 | 432,932.84 | 709,323.08 | 32° 11' 18.38 N | 103° 39' 24.14 W |
| CO 635H FTP (25' FSL/990' FEL) () - plan misses target center by 0.01usft at 12955.10usft MD (12501.96 TVD, 694.71 N, -457.34 E) - Point | 0.00 | 0.00 | 12,501.96 | 694.71 | -457.34 | 425,039.89 | 709,371.70 | 32° 10' 0.27 N | 103° 39' 24.15 W |
| CO 635H LTP (100' FNL/990' FEL) () - plan hits target center - Point | 0.00 | 0.00 | 12,506.92 | 11,126.37 | -520.57 | 435,471.55 | 709,308.47 | 32° 11' 43.51 N | 103° 39' 24.12 W |
| CO 635H BHL (25' FNL/990' FEL) () - plan misses target center by 25.00usft at 23436.98usft MD (12507.09 TVD, 11176.37 N, -520.87 E) - Point | 0.00 | 0.00 | 12,507.18 | 11,201.37 | -521.00 | 435,546.55 | 709,308.04 | 32° 11' 44.25 N | 103° 39' 24.12 W |

Directional Difficulty Index

| | | | |
|-------------------------------------|--------------|-------------------------------|--------------------------------|
| Average Dogleg over Survey: | 0.51 °/100ft | Maximum Dogleg over Survey: | 8.00 °/100ft at 12,955.10 usft |
| Net Tortousity applicable to Plans: | 0.51 °/100ft | Directional Difficulty Index: | 6.651 |

HALLIBURTON

Lea County, NM (NAD27 NME)

Plan Report for CO 34 27 Federal Com No. 635H - Plan 2

Audit Info

HALLIBURTON

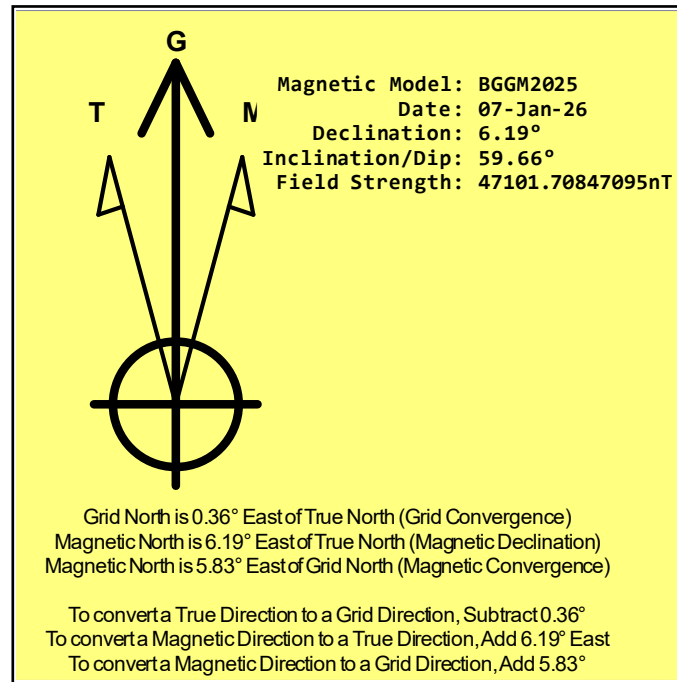
North Reference Sheet for CO Pad 633 - CO 34 27 Federal Com No. 635H - OH - 54286

All data is in US Feet unless otherwise stated. Directions and Coordinates are relative to Grid North Reference.
 Vertical Depths are relative to GL 3508ft + RKB 28.5ft @ 3536.50usft (Patterson 815). Northing and Easting are relative to CO 34 27 Federal Com No. 635H
 Coordinate System is US State Plane 1927 (Exact solution), New Mexico East 3001 using datum NAD 1927 (NADCON CONUS), ellipsoid Clarke 1866
 Projection method is Transverse Mercator (Gauss-Kruger)
 Central Meridian is 104° 20' 0.00 W°, Longitude Origin:0° 0' 0.00 E°, Latitude Origin:0° 0' 0.00 N°
 False Easting: 500,000.00usft, False Northing: 0.00usft, Scale Reduction: 0.99995952

Grid Coordinates of Well: 424,345.18 usft N, 709,829.04 usft E
 Geographical Coordinates of Well: 32° 9' 53.37 N, 103° 39' 18.88 W
 Grid Convergence at Surface is: 0.36°

Based upon Minimum Curvature type calculations, at a Measured Depth of 23,436.98usft
 the Bottom Hole Displacement is 11,188.50usft in the Direction of 357.33° (Grid).

Magnetic Convergence at surface is: -5.83° (7 January 2026, , BGGM2025)



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

Action 542846

CONDITIONS

| | |
|--|--|
| Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706 | OGRID: 4323 |
| | Action Number: 542846 |
| | Action Type: [C-103] NOI Change of Plans (C-103A) |

CONDITIONS

| Created By | Condition | Condition Date |
|---------------|---------------------------------|----------------|
| matthew.gomez | All previous COA's still apply. | 3/20/2026 |