

|                              |                                                       |                                              |
|------------------------------|-------------------------------------------------------|----------------------------------------------|
| Well Name: ROMEO FEDERAL COM | Well Location: T24S / R34E / SEC 27 / SWNW /          | County or Parish/State:                      |
| Well Number: 111H            | Type of Well: OIL WELL                                | Allottee or Tribe Name:                      |
| Lease Number: NMNM77090      | Unit or CA Name:                                      | Unit or CA Number:                           |
| US Well Number:              | Well Status: Approved Application for Permit to Drill | Operator: CENTENNIAL RESOURCE PRODUCTION LLC |

Notice of Intent

Sundry ID: 2670056

|                                                |                              |
|------------------------------------------------|------------------------------|
| Type of Submission: Notice of Intent           | Type of Action: APD Change   |
| Date Sundry Submitted: 05/09/2022              | Time Sundry Submitted: 08:26 |
| Date proposed operation will begin: 11/01/2023 |                              |

**Procedure Description:** Centennial Resource Production, LLC requests to move the original SHL 110' to the South. The new SHL will be 2298 FNL & 505 FWL. Please see attached updated directional plans and well plat to reflect these changes.

NOI Attachments

Procedure Description

- Romeo\_Federal\_Com\_111H\_Update\_Plat\_SBMT\_20220509081303.pdf
- Romeo\_Federal\_Com\_111H\_\_Plan\_1\_04\_06\_22\_20220504113947.pdf

|                              |                                                       |                                              |
|------------------------------|-------------------------------------------------------|----------------------------------------------|
| Well Name: ROMEO FEDERAL COM | Well Location: T24S / R34E / SEC 27 / SWNW /          | County or Parish/State:                      |
| Well Number: 111H            | Type of Well: OIL WELL                                | Allottee or Tribe Name:                      |
| Lease Number: NMNM77090      | Unit or CA Name:                                      | Unit or CA Number:                           |
| US Well Number:              | Well Status: Approved Application for Permit to Drill | Operator: CENTENNIAL RESOURCE PRODUCTION LLC |

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: MEGHAN TWELE

Signed on: MAY 09, 2022 08:13 AM

Name: CENTENNIAL RESOURCE PRODUCTION LLC

Title: Sr Regulatory Analyst

Street Address: 1001 17TH STREET SUITE 1800

City: DENVERState: CO

Phone: (720) 499-1531

Email address: MEGHAN.TWELE@CDEVINC.COM

Field

Representative Name:

Street Address:

City:State:Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: CODY LAYTON

BLM POC Title: Assistant Field Manager Lands & Minerals

BLM POC Phone: 5752345959

BLM POC Email Address: clayton@blm.gov

Disposition: Approved

Disposition Date: 06/16/2022

Signature: Cody R. Layton

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720

**District II**  
811 S. First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720

**District III**  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170

**District IV**  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

☐ AMENDED REPORT

RED HILLS; BONE  
SPRING, NORTH

## WELL LOCATION AND ACREAGE DEDICATION PLAT

|                                  |  |                                                                   |  |                                                             |                                   |
|----------------------------------|--|-------------------------------------------------------------------|--|-------------------------------------------------------------|-----------------------------------|
| <sup>1</sup> API Number          |  | <sup>2</sup> Pool Code<br>96434                                   |  | <sup>3</sup> Pool Name<br><del>Ojo Chico, Bone Spring</del> |                                   |
| <sup>4</sup> Property Code       |  | <sup>5</sup> Property Name<br>ROMEO FEDERAL COM                   |  |                                                             |                                   |
| <sup>7</sup> OGRID No.<br>372165 |  | <sup>8</sup> Operator Name<br>CENTENNIAL RESOURCE PRODUCTION, LLC |  |                                                             | <sup>6</sup> Well Number<br>111H  |
|                                  |  |                                                                   |  |                                                             | <sup>9</sup> Elevation<br>3464.5' |

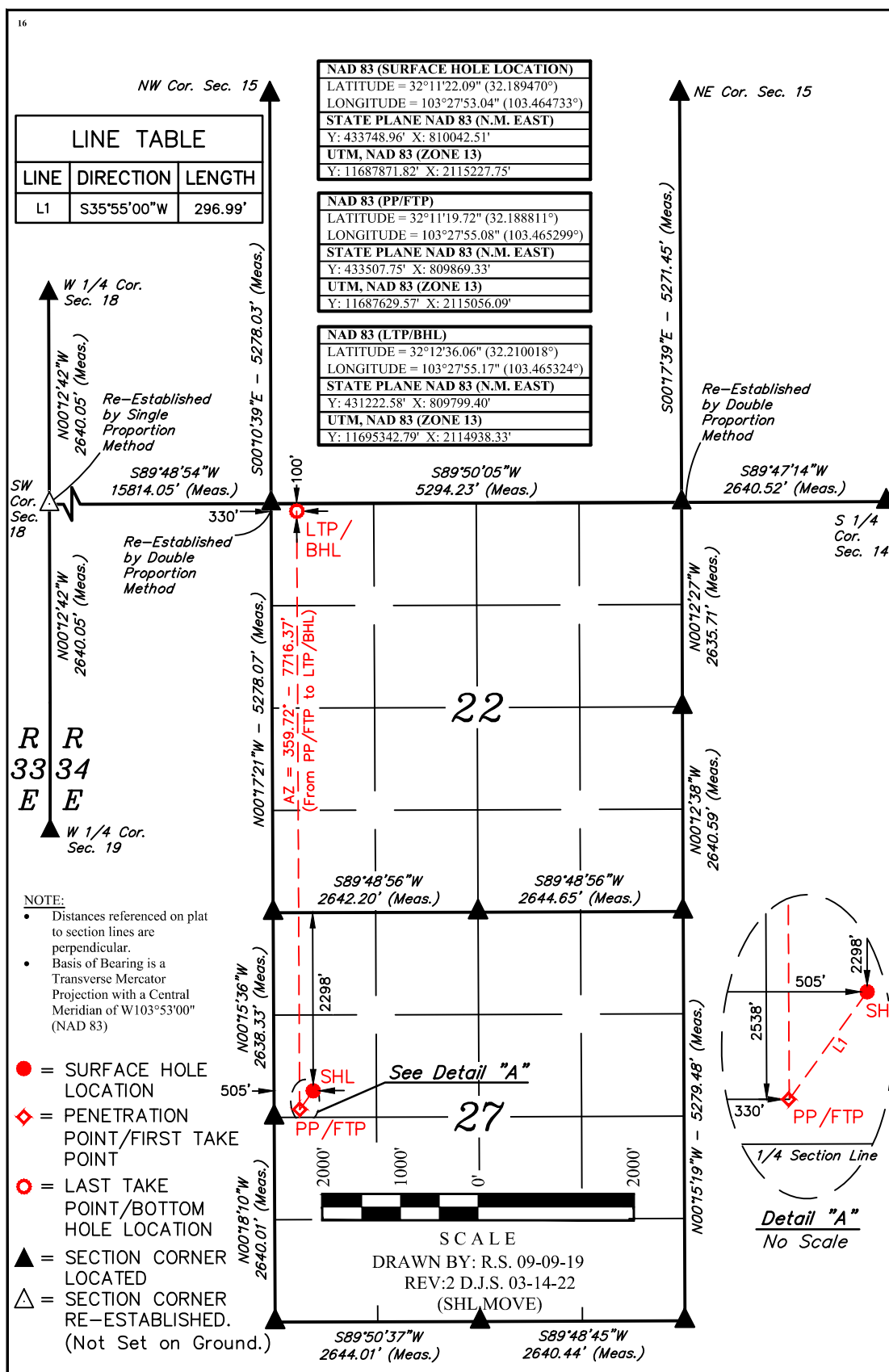
<sup>10</sup>Surface Location

|                    |               |                 |              |         |                       |                           |                      |                        |               |
|--------------------|---------------|-----------------|--------------|---------|-----------------------|---------------------------|----------------------|------------------------|---------------|
| UL or lot no.<br>E | Section<br>27 | Township<br>24S | Range<br>34E | Lot Idn | Feet from the<br>2298 | North/South line<br>NORTH | Feet from the<br>505 | East/West line<br>WEST | County<br>LEA |
|--------------------|---------------|-----------------|--------------|---------|-----------------------|---------------------------|----------------------|------------------------|---------------|

## " Bottom Hole Location If Different From Surface

|                                      |               |                               |              |                                  |                      |                           |                      |                        |               |
|--------------------------------------|---------------|-------------------------------|--------------|----------------------------------|----------------------|---------------------------|----------------------|------------------------|---------------|
| UL or lot no.<br>D                   | Section<br>22 | Township<br>24S               | Range<br>34E | Lot Idn                          | Feet from the<br>100 | North/South line<br>NORTH | Feet from the<br>330 | East/West line<br>WEST | County<br>LEA |
| <sup>12</sup> Dedicated Acres<br>240 |               | <sup>13</sup> Joint or Infill |              | <sup>14</sup> Consolidation Code |                      | <sup>15</sup> Order No.   |                      |                        |               |

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



## 17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and 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 such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature \_\_\_\_\_ Date \_\_\_\_\_

Meghan Twele

Printed Name \_\_\_\_\_

meghan.twele@cdevinc.com

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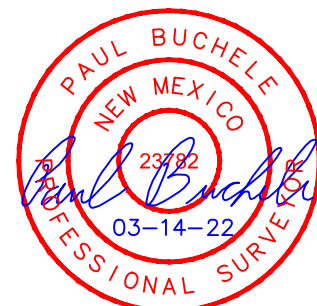
E-mail Address

## 18 SURVEYOR CERTIFICATION

*I hereby certify that the well location shown on this plat was plotted from 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.*

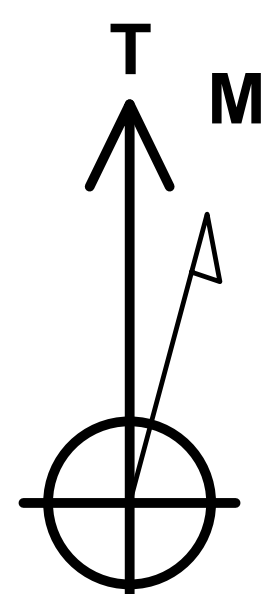
JULY 01, 2020

Date of Survey \_\_\_\_\_  
Signature and Seal of Professional Surveyor: \_\_\_\_\_



Certificate Number:





RKB @ 3490.50usft (TBD)  
Ground Level: 3464.50

| WELL DETAILS |       |       |             |               |            |                     |                      |  |  |
|--------------|-------|-------|-------------|---------------|------------|---------------------|----------------------|--|--|
|              | +N/-S | +E/-W | Northing    | Ground Level: | Easting    | Latitude            | Longitude            |  |  |
|              | 0.00  | 0.00  | 11687871.82 | 3464.50       | 2115227.75 | 32° 11' 22.093766 N | 103° 27' 53.039290 W |  |  |

| SECTION DETAILS |          |       |        |         |         |         |       |         |         |
|-----------------|----------|-------|--------|---------|---------|---------|-------|---------|---------|
| Sec             | MD       | Inc   | Azi    | TVD     | +N/-S   | +E/-W   | Dleg  | TFace   | VSect   |
| 1               | 0.00     | 0.00  | 0.00   | 0.00    | 0.00    | 0.00    | 0.00  | 0.000   | 0.00    |
| 2               | 2000.00  | 0.00  | 0.00   | 2000.00 | 0.00    | 0.00    | 0.00  | 0.000   | 0.00    |
| 3               | 2999.68  | 10.00 | 221.35 | 2994.61 | -65.31  | -57.47  | 1.00  | 221.347 | -63.88  |
| 4               | 3524.93  | 10.00 | 221.35 | 3511.89 | -133.76 | -117.70 | 0.00  | 0.000   | -130.84 |
| 5               | 4524.60  | 0.00  | 0.00   | 4506.50 | -199.06 | -175.17 | 1.00  | 180.000 | -194.72 |
| 6               | 9021.14  | 0.00  | 0.00   | 9003.04 | -199.06 | -175.17 | 0.00  | 0.000   | -194.72 |
| 7               | 9771.14  | 90.00 | 359.94 | 9480.50 | 278.40  | -175.64 | 12.00 | 359.943 | 282.61  |
| 8               | 16968.14 | 90.00 | 359.94 | 9480.50 | 7475.40 | -182.75 | 0.00  | 0.000   | 7477.63 |

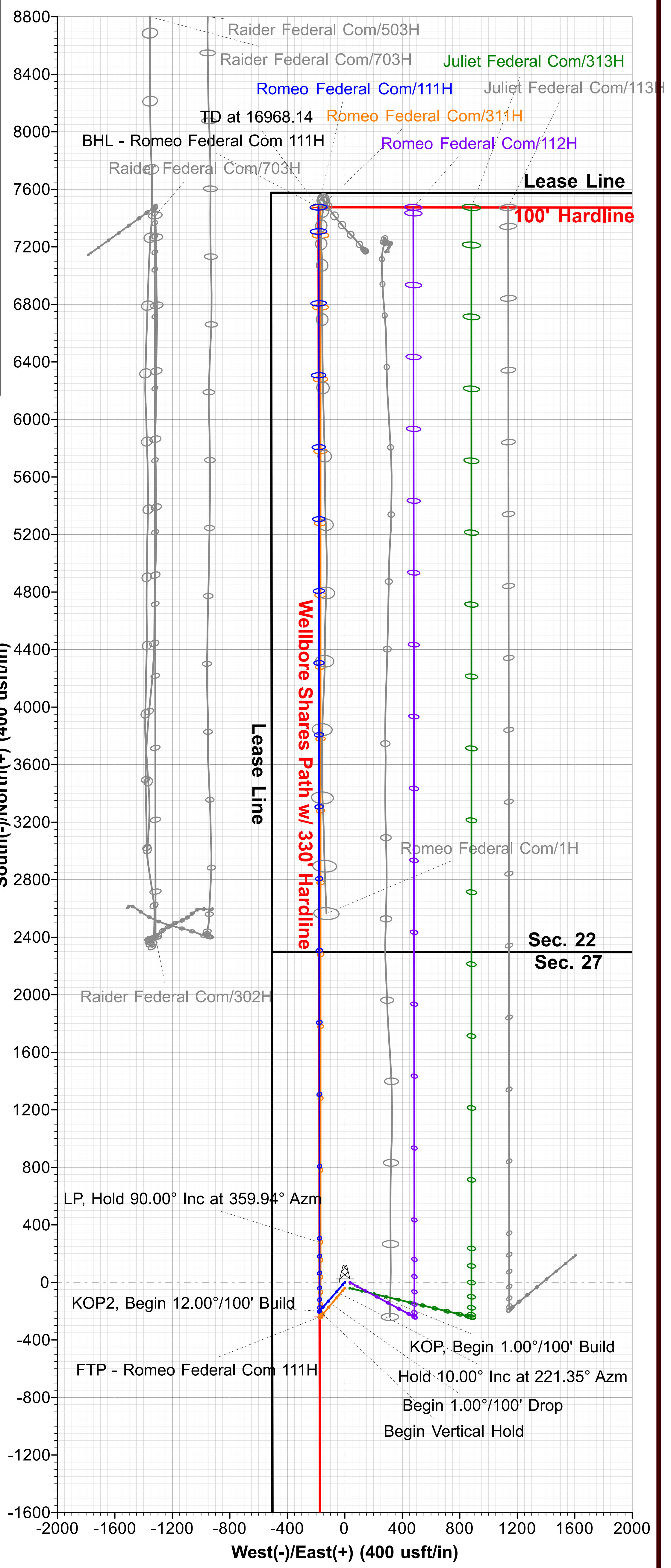
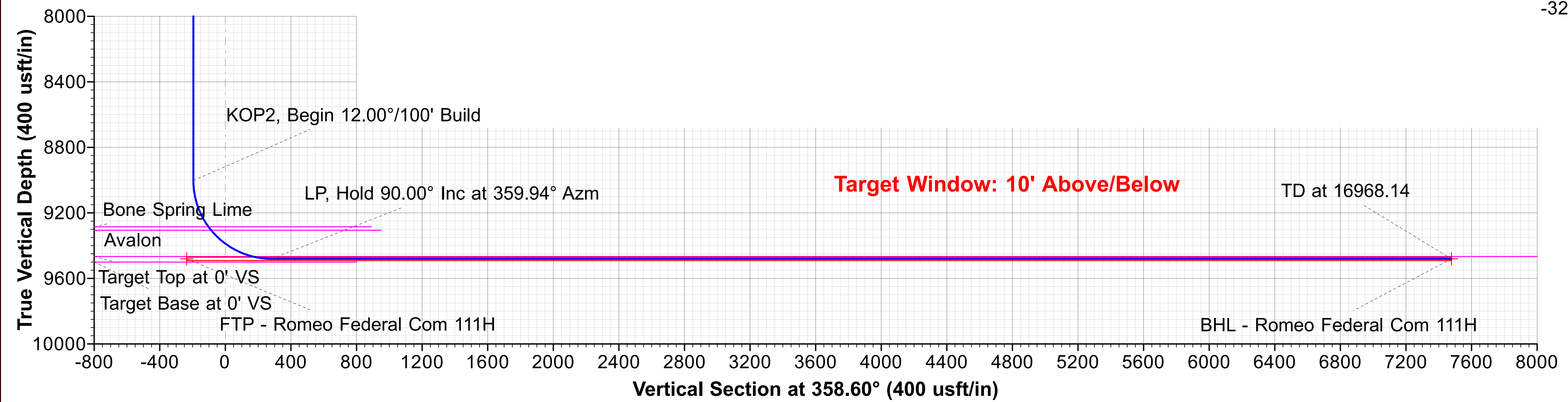
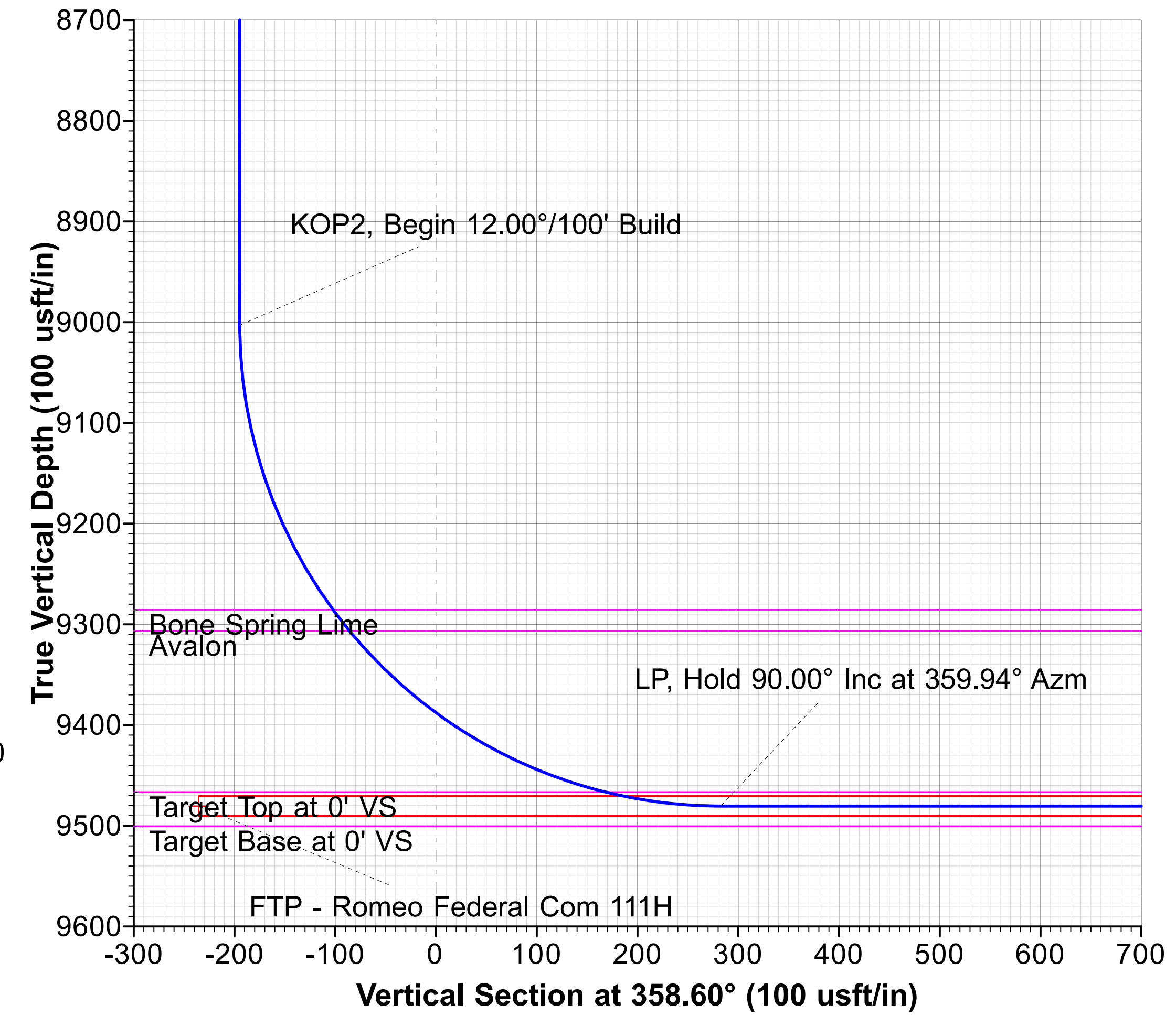
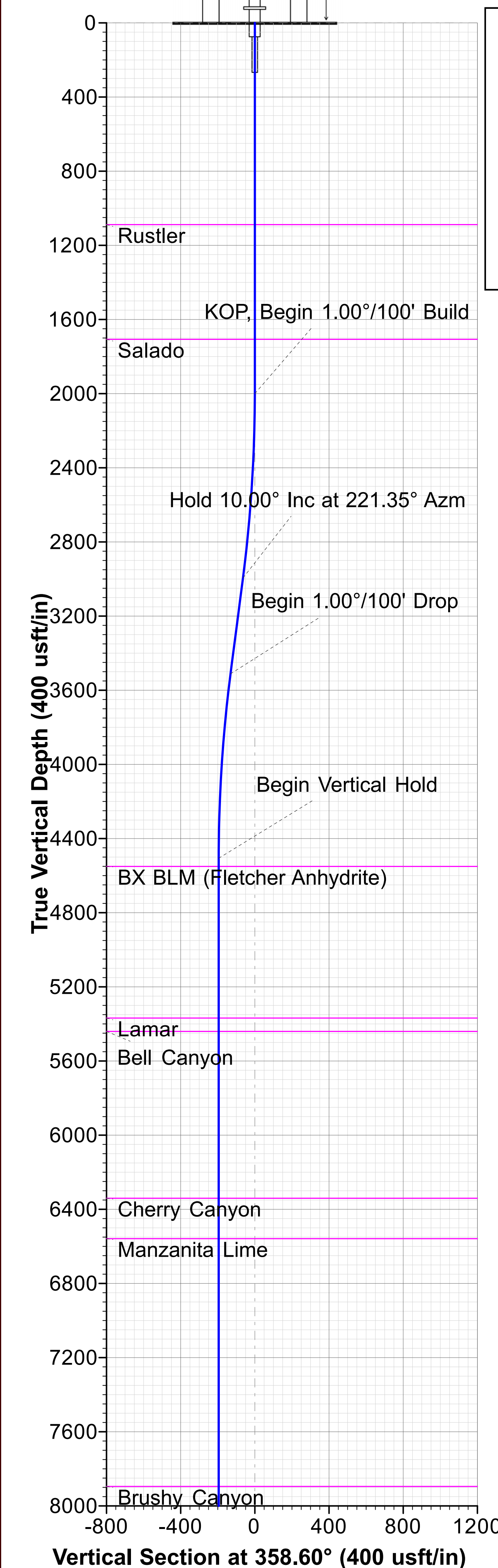
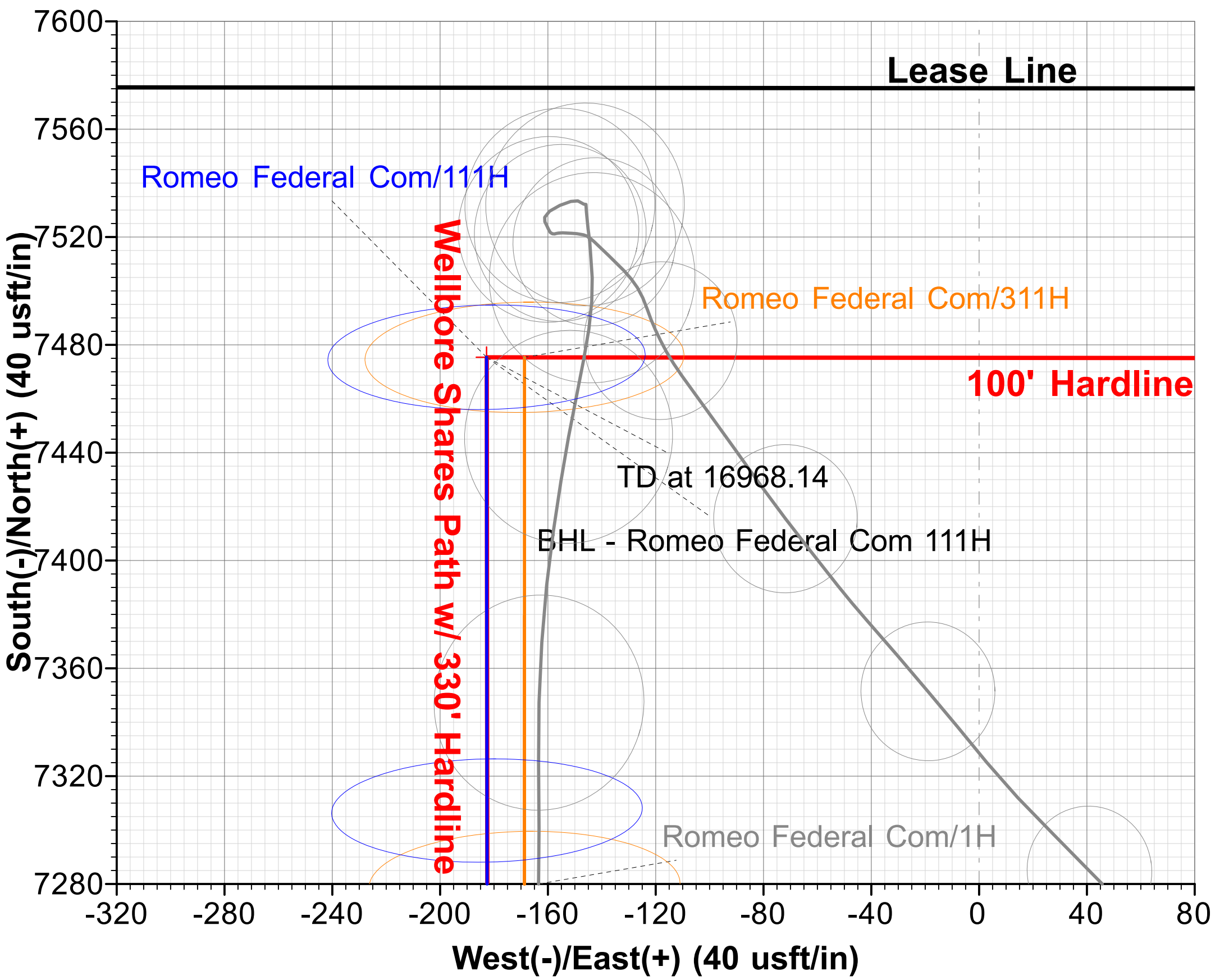
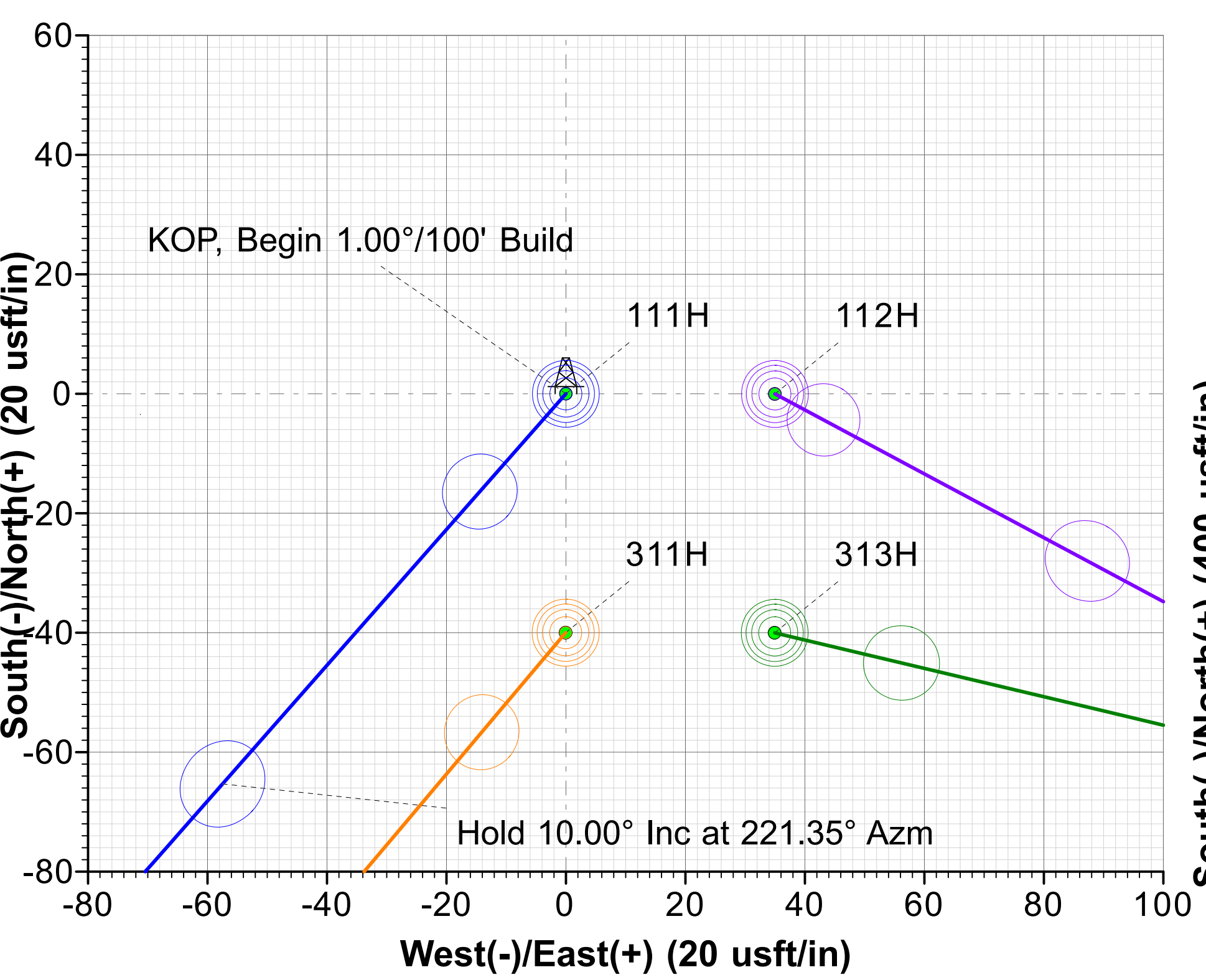
BHL - Romeo Federal Com 111H

| DESIGN TARGET DETAILS        |         |         |         |             |            |                     |                      |
|------------------------------|---------|---------|---------|-------------|------------|---------------------|----------------------|
| Name                         | TVD     | +N/-S   | +E/-W   | Northing    | Easting    | Latitude            | Longitude            |
| BHL - Romeo Federal Com 111H | 9480.50 | 7475.40 | -182.75 | 11695342.79 | 2114938.33 | 32° 12' 36.064382 N | 103° 27' 55.166029 W |
| FTP - Romeo Federal Com 111H | 9480.50 | -239.81 | -175.13 | 11687629.57 | 2115056.09 | 32° 11' 19.720802 N | 103° 27' 55.077089 W |

| FORMATION TOP DETAILS |         |                             |
|-----------------------|---------|-----------------------------|
| TVDPath               | MDPath  | Formation                   |
| 1088.50               | 1088.50 | Rustler                     |
| 1707.50               | 1707.50 | Salado                      |
| 4550.50               | 4568.60 | BX BLM (Fletcher Anhydrite) |
| 5368.50               | 5386.60 | Lamar                       |
| 5440.50               | 5458.60 | Bell Canyon                 |
| 6340.50               | 6358.60 | Cherry Canyon               |
| 6558.50               | 6576.60 | Manzanita Lime              |
| 7895.50               | 7913.60 | Brushy Canyon               |
| 9285.50               | 9323.39 | Bone Spring Lime            |
| 9306.50               | 9349.99 | Avalon                      |
| 9466.50               | 9655.23 | Target Top at 0° VS         |

| LEGEND |                                          |
|--------|------------------------------------------|
| —      | 302H, OH, Plan 3 03-21-22 V0             |
| —      | 701H, OH / 67471, Surveys (H&P 313) V0   |
| —      | 311H, OH, Plan 1 04-06-22 V0             |
| —      | 313H, OH, Plan 1 04-06-22 V0             |
| —      | 113H, OH, Plan 1 03-30-22 V0             |
| —      | 503H, OH / 67470, Surveys (H&P 296) V0   |
| —      | 703H, OH / 67430, Surveys (H&P 489) V0   |
| —      | 703H, ST01 / 67430, Surveys (H&P 489) V0 |
| —      | 1H, OH, Surveys V0                       |
| —      | 112H, OH, Plan 1 04-06-22 V0             |
| —      | Plan 1 04-06-22                          |

Map System: Universal Transverse Mercator (US Survey Feet)  
Datum: North American Datum 1983  
Ellipsoid: GRS 1980  
Zone Name: Zone 13N (108 W to 102 W)  
Local Origin: Well 111H, True North  
Latitude: 32° 11' 22.093766 N  
Longitude: 103° 27' 53.039290 W  
Grid East: 2115227.75  
Grid North: 11687871.82  
Scale Factor: 1.000  
Geomagnetic Model: MVHD  
Sample Date: 05-Jun-22  
Magnetic Declination: 6.307°  
Dip Angle from Horizontal: 59.742°  
Magnetic Field Strength: 47505.35458499nT  
To convert a Magnetic Direction to a Grid Direction, Add 5.488°  
To convert a Magnetic Direction to a True Direction, Add 6.307° East  
To convert a True Direction to a Grid Direction, Subtract 0.818°







# **Centennial Resources Development, Inc.**

**Lea County, NM (NAD83 - UTM Zone 13)  
Romeo Federal Com  
111H**

**OH**

**Plan: Plan 1 04-06-22**

## **Standard Planning Report**

**06 April, 2022**





## Planning Report



|                  |                                        |                                     |                         |
|------------------|----------------------------------------|-------------------------------------|-------------------------|
| <b>Database:</b> | USA Compass                            | <b>Local Co-ordinate Reference:</b> | Well 111H               |
| <b>Company:</b>  | Centennial Resources Development, Inc. | <b>TVD Reference:</b>               | RKB @ 3490.50usft (TBD) |
| <b>Project:</b>  | Lea County, NM (NAD83 - UTM Zone 13)   | <b>MD Reference:</b>                | RKB @ 3490.50usft (TBD) |
| <b>Site:</b>     | Romeo Federal Com                      | <b>North Reference:</b>             | True                    |
| <b>Well:</b>     | 111H                                   | <b>Survey Calculation Method:</b>   | Minimum Curvature       |
| <b>Wellbore:</b> | OH                                     |                                     |                         |
| <b>Design:</b>   | Plan 1 04-06-22                        |                                     |                         |

|                    |                                              |                      |                             |
|--------------------|----------------------------------------------|----------------------|-----------------------------|
| <b>Project</b>     | Lea County, NM (NAD83 - UTM Zone 13)         |                      |                             |
| <b>Map System:</b> | Universal Transverse Mercator (US Survey Fee | <b>System Datum:</b> | Mean Sea Level              |
| <b>Geo Datum:</b>  | North American Datum 1983                    |                      |                             |
| <b>Map Zone:</b>   | Zone 13N (108 W to 102 W)                    |                      | Using geodetic scale factor |

| Site                  |     | Romeo Federal Com |                    |            |                      |
|-----------------------|-----|-------------------|--------------------|------------|----------------------|
| Site Position:        |     | Northing:         | 11,695,049.42 usft | Latitude:  | 32° 12' 33.091838 N  |
| From:                 | Map | Easting:          | 2,115,429.74 usft  | Longitude: | 103° 27' 49.495142 W |
| Position Uncertainty: |     | 0.00 usft         | Slot Radius:       | 13-3/16 "  |                      |

|                      |           |                |                     |                    |               |                      |
|----------------------|-----------|----------------|---------------------|--------------------|---------------|----------------------|
| Well                 | 111H      |                |                     |                    |               |                      |
| Well Position        | +N/-S     | -7,174.99 usft | Northing:           | 11,687,871.82 usft | Latitude:     | 32° 11' 22.093766 N  |
|                      | +E/-W     | -304.61 usft   | Easting:            | 2,115,227.75 usft  | Longitude:    | 103° 27' 53.039290 W |
| Position Uncertainty | 1.00 usft |                | Wellhead Elevation: |                    | Ground Level: | 3,464.50 usft        |

|                  |                   |                    |                        |                      |                            |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| <b>Wellbore</b>  | OH                |                    |                        |                      |                            |
| <b>Magnetics</b> | <b>Model Name</b> | <b>Sample Date</b> | <b>Declination (°)</b> | <b>Dip Angle (°)</b> | <b>Field Strength (nT)</b> |
|                  | MVHD              | 6/5/2022           | 6.307                  | 59.742               | 47,505.35458500            |

|                          |                                |                     |                      |                      |
|--------------------------|--------------------------------|---------------------|----------------------|----------------------|
| <b>Design</b>            | Plan 1 04-06-22                |                     |                      |                      |
| <b>Audit Notes:</b>      |                                |                     |                      |                      |
| <b>Version:</b>          | <b>Phase:</b>                  | PLAN                | <b>Tie On Depth:</b> | 0.00                 |
| <b>Vertical Section:</b> | <b>Depth From (TVD) (usft)</b> | <b>+N/-S (usft)</b> | <b>+E/-W (usft)</b>  | <b>Direction (°)</b> |
|                          | 0.00                           | 0.00                | 0.00                 | 358.60               |

|                                 |                        |                          |                      |                        |
|---------------------------------|------------------------|--------------------------|----------------------|------------------------|
| <b>Plan Survey Tool Program</b> | <b>Date</b>            | 4/6/2022                 |                      |                        |
| <b>Depth From (usft)</b>        | <b>Depth To (usft)</b> | <b>Survey (Wellbore)</b> | <b>Tool Name</b>     | <b>Remarks</b>         |
| 1                               | 0.00                   | 16,968.14                | Plan 1 04-06-22 (OH) | MWD+IFR1+MS            |
|                                 |                        |                          |                      | OWSG MWD + IFR1 + Mult |

|                              |                        |                    |                              |                     |                     |                                |                               |                              |                |                  |
|------------------------------|------------------------|--------------------|------------------------------|---------------------|---------------------|--------------------------------|-------------------------------|------------------------------|----------------|------------------|
| <b>Plan Sections</b>         |                        |                    |                              |                     |                     |                                |                               |                              |                |                  |
| <b>Measured Depth (usft)</b> | <b>Inclination (°)</b> | <b>Azimuth (°)</b> | <b>Vertical Depth (usft)</b> | <b>+N/-S (usft)</b> | <b>+E/-W (usft)</b> | <b>Dogleg Rate (°/100usft)</b> | <b>Build Rate (°/100usft)</b> | <b>Turn Rate (°/100usft)</b> | <b>TFO (°)</b> | <b>Target</b>    |
| 0.00                         | 0.00                   | 0.00               | 0.00                         | 0.00                | 0.00                | 0.00                           | 0.00                          | 0.00                         | 0.000          |                  |
| 2,000.00                     | 0.00                   | 0.00               | 2,000.00                     | 0.00                | 0.00                | 0.00                           | 0.00                          | 0.00                         | 0.000          |                  |
| 2,999.68                     | 10.00                  | 221.35             | 2,994.61                     | -65.31              | -57.47              | 1.00                           | 1.00                          | 0.00                         | 221.347        |                  |
| 3,524.93                     | 10.00                  | 221.35             | 3,511.89                     | -133.76             | -117.70             | 0.00                           | 0.00                          | 0.00                         | 0.000          |                  |
| 4,524.60                     | 0.00                   | 0.00               | 4,506.50                     | -199.06             | -175.17             | 1.00                           | -1.00                         | 0.00                         | 180.000        |                  |
| 9,021.14                     | 0.00                   | 0.00               | 9,003.04                     | -199.06             | -175.17             | 0.00                           | 0.00                          | 0.00                         | 0.000          |                  |
| 9,771.14                     | 90.00                  | 359.94             | 9,480.50                     | 278.40              | -175.64             | 12.00                          | 12.00                         | 0.00                         | 359.943        |                  |
| 16,968.14                    | 90.00                  | 359.94             | 9,480.50                     | 7,475.40            | -182.75             | 0.00                           | 0.00                          | 0.00                         | 0.000          | BHL - Romeo Fede |



## Planning Report



|                  |                                        |                                     |                         |
|------------------|----------------------------------------|-------------------------------------|-------------------------|
| <b>Database:</b> | USA Compass                            | <b>Local Co-ordinate Reference:</b> | Well 111H               |
| <b>Company:</b>  | Centennial Resources Development, Inc. | <b>TVD Reference:</b>               | RKB @ 3490.50usft (TBD) |
| <b>Project:</b>  | Lea County, NM (NAD83 - UTM Zone 13)   | <b>MD Reference:</b>                | RKB @ 3490.50usft (TBD) |
| <b>Site:</b>     | Romeo Federal Com                      | <b>North Reference:</b>             | True                    |
| <b>Well:</b>     | 111H                                   | <b>Survey Calculation Method:</b>   | Minimum Curvature       |
| <b>Wellbore:</b> | OH                                     |                                     |                         |
| <b>Design:</b>   | Plan 1 04-06-22                        |                                     |                         |

| Planned Survey                        |                 |             |                       |              |              |                         |                         |                        |                       |
|---------------------------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft)                 | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 0.00                                  | 0.00            | 0.00        | 0.00                  | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 1,088.50                              | 0.00            | 0.00        | 1,088.50              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| <b>Rustler</b>                        |                 |             |                       |              |              |                         |                         |                        |                       |
| 1,707.50                              | 0.00            | 0.00        | 1,707.50              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| <b>Salado</b>                         |                 |             |                       |              |              |                         |                         |                        |                       |
| 2,000.00                              | 0.00            | 0.00        | 2,000.00              | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| <b>KOP, Begin 1.00°/100' Build</b>    |                 |             |                       |              |              |                         |                         |                        |                       |
| 2,100.00                              | 1.00            | 221.35      | 2,099.99              | -0.66        | -0.58        | -0.64                   | 1.00                    | 1.00                   | 0.00                  |
| 2,200.00                              | 2.00            | 221.35      | 2,199.96              | -2.62        | -2.31        | -2.56                   | 1.00                    | 1.00                   | 0.00                  |
| 2,300.00                              | 3.00            | 221.35      | 2,299.86              | -5.89        | -5.19        | -5.77                   | 1.00                    | 1.00                   | 0.00                  |
| 2,400.00                              | 4.00            | 221.35      | 2,399.68              | -10.48       | -9.22        | -10.25                  | 1.00                    | 1.00                   | 0.00                  |
| 2,500.00                              | 5.00            | 221.35      | 2,499.37              | -16.37       | -14.40       | -16.01                  | 1.00                    | 1.00                   | 0.00                  |
| 2,600.00                              | 6.00            | 221.35      | 2,598.90              | -23.56       | -20.73       | -23.05                  | 1.00                    | 1.00                   | 0.00                  |
| 2,700.00                              | 7.00            | 221.35      | 2,698.26              | -32.06       | -28.21       | -31.36                  | 1.00                    | 1.00                   | 0.00                  |
| 2,800.00                              | 8.00            | 221.35      | 2,797.40              | -41.86       | -36.84       | -40.95                  | 1.00                    | 1.00                   | 0.00                  |
| 2,900.00                              | 9.00            | 221.35      | 2,896.30              | -52.96       | -46.60       | -51.80                  | 1.00                    | 1.00                   | 0.00                  |
| 2,999.68                              | 10.00           | 221.35      | 2,994.61              | -65.31       | -57.47       | -63.88                  | 1.00                    | 1.00                   | 0.00                  |
| <b>Hold 10.00° Inc at 221.35° Azm</b> |                 |             |                       |              |              |                         |                         |                        |                       |
| 3,000.00                              | 10.00           | 221.35      | 2,994.93              | -65.35       | -57.50       | -63.92                  | 0.00                    | 0.00                   | 0.00                  |
| 3,100.00                              | 10.00           | 221.35      | 3,093.41              | -78.38       | -68.97       | -76.67                  | 0.00                    | 0.00                   | 0.00                  |
| 3,200.00                              | 10.00           | 221.35      | 3,191.89              | -91.41       | -80.44       | -89.42                  | 0.00                    | 0.00                   | 0.00                  |
| 3,300.00                              | 10.00           | 221.35      | 3,290.38              | -104.44      | -91.91       | -102.17                 | 0.00                    | 0.00                   | 0.00                  |
| 3,400.00                              | 10.00           | 221.35      | 3,388.86              | -117.48      | -103.37      | -114.91                 | 0.00                    | 0.00                   | 0.00                  |
| 3,500.00                              | 10.00           | 221.35      | 3,487.34              | -130.51      | -114.84      | -127.66                 | 0.00                    | 0.00                   | 0.00                  |
| 3,524.93                              | 10.00           | 221.35      | 3,511.89              | -133.76      | -117.70      | -130.84                 | 0.00                    | 0.00                   | 0.00                  |
| <b>Begin 1.00°/100' Drop</b>          |                 |             |                       |              |              |                         |                         |                        |                       |
| 3,600.00                              | 9.25            | 221.35      | 3,585.90              | -143.18      | -125.99      | -140.05                 | 1.00                    | -1.00                  | 0.00                  |
| 3,700.00                              | 8.25            | 221.35      | 3,684.74              | -154.59      | -136.03      | -151.22                 | 1.00                    | -1.00                  | 0.00                  |
| 3,800.00                              | 7.25            | 221.35      | 3,783.83              | -164.71      | -144.94      | -161.12                 | 1.00                    | -1.00                  | 0.00                  |
| 3,900.00                              | 6.25            | 221.35      | 3,883.13              | -173.53      | -152.70      | -169.74                 | 1.00                    | -1.00                  | 0.00                  |
| 4,000.00                              | 5.25            | 221.35      | 3,982.63              | -181.04      | -159.31      | -177.10                 | 1.00                    | -1.00                  | 0.00                  |
| 4,100.00                              | 4.25            | 221.35      | 4,082.29              | -187.26      | -164.78      | -183.17                 | 1.00                    | -1.00                  | 0.00                  |
| 4,200.00                              | 3.25            | 221.35      | 4,182.07              | -192.16      | -169.09      | -187.97                 | 1.00                    | -1.00                  | 0.00                  |
| 4,300.00                              | 2.25            | 221.35      | 4,281.95              | -195.76      | -172.26      | -191.49                 | 1.00                    | -1.00                  | 0.00                  |
| 4,400.00                              | 1.25            | 221.35      | 4,381.91              | -198.04      | -174.27      | -193.73                 | 1.00                    | -1.00                  | 0.00                  |
| 4,500.00                              | 0.25            | 221.35      | 4,481.90              | -199.02      | -175.13      | -194.68                 | 1.00                    | -1.00                  | 0.00                  |
| 4,524.60                              | 0.00            | 0.00        | 4,506.50              | -199.06      | -175.17      | -194.72                 | 1.00                    | -1.00                  | 0.00                  |
| <b>Begin Vertical Hold</b>            |                 |             |                       |              |              |                         |                         |                        |                       |
| 4,568.60                              | 0.00            | 0.00        | 4,550.50              | -199.06      | -175.17      | -194.72                 | 0.00                    | 0.00                   | 0.00                  |
| <b>BX BLM (Fletcher Anhydrite)</b>    |                 |             |                       |              |              |                         |                         |                        |                       |
| 5,386.60                              | 0.00            | 0.00        | 5,368.50              | -199.06      | -175.17      | -194.72                 | 0.00                    | 0.00                   | 0.00                  |
| <b>Lamar</b>                          |                 |             |                       |              |              |                         |                         |                        |                       |
| 5,458.60                              | 0.00            | 0.00        | 5,440.50              | -199.06      | -175.17      | -194.72                 | 0.00                    | 0.00                   | 0.00                  |
| <b>Bell Canyon</b>                    |                 |             |                       |              |              |                         |                         |                        |                       |
| 6,358.60                              | 0.00            | 0.00        | 6,340.50              | -199.06      | -175.17      | -194.72                 | 0.00                    | 0.00                   | 0.00                  |
| <b>Cherry Canyon</b>                  |                 |             |                       |              |              |                         |                         |                        |                       |
| 6,576.60                              | 0.00            | 0.00        | 6,558.50              | -199.06      | -175.17      | -194.72                 | 0.00                    | 0.00                   | 0.00                  |
| <b>Manzanita Lime</b>                 |                 |             |                       |              |              |                         |                         |                        |                       |
| 7,913.60                              | 0.00            | 0.00        | 7,895.50              | -199.06      | -175.17      | -194.72                 | 0.00                    | 0.00                   | 0.00                  |
| <b>Brushy Canyon</b>                  |                 |             |                       |              |              |                         |                         |                        |                       |
| 9,021.14                              | 0.00            | 0.00        | 9,003.04              | -199.06      | -175.17      | -194.72                 | 0.00                    | 0.00                   | 0.00                  |
| <b>KOP2, Begin 12.00°/100' Build</b>  |                 |             |                       |              |              |                         |                         |                        |                       |
| 9,100.00                              | 9.46            | 359.94      | 9,081.54              | -192.56      | -175.17      | -188.22                 | 12.00                   | 12.00                  | 0.00                  |



## Planning Report



|                  |                                        |                                     |                         |
|------------------|----------------------------------------|-------------------------------------|-------------------------|
| <b>Database:</b> | USA Compass                            | <b>Local Co-ordinate Reference:</b> | Well 111H               |
| <b>Company:</b>  | Centennial Resources Development, Inc. | <b>TVD Reference:</b>               | RKB @ 3490.50usft (TBD) |
| <b>Project:</b>  | Lea County, NM (NAD83 - UTM Zone 13)   | <b>MD Reference:</b>                | RKB @ 3490.50usft (TBD) |
| <b>Site:</b>     | Romeo Federal Com                      | <b>North Reference:</b>             | True                    |
| <b>Well:</b>     | 111H                                   | <b>Survey Calculation Method:</b>   | Minimum Curvature       |
| <b>Wellbore:</b> | OH                                     |                                     |                         |
| <b>Design:</b>   | Plan 1 04-06-22                        |                                     |                         |

| Planned Survey                            |                 |             |                       |              |              |                         |                         |                        |                       |
|-------------------------------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft)                     | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 9,200.00                                  | 21.46           | 359.94      | 9,177.74              | -165.95      | -175.20      | -161.62                 | 12.00                   | 12.00                  | 0.00                  |
| 9,300.00                                  | 33.46           | 359.94      | 9,266.31              | -119.92      | -175.24      | -115.60                 | 12.00                   | 12.00                  | 0.00                  |
| 9,323.39                                  | 36.27           | 359.94      | 9,285.50              | -106.55      | -175.26      | -102.23                 | 12.00                   | 12.00                  | 0.00                  |
| <b>Bone Spring Lime</b>                   |                 |             |                       |              |              |                         |                         |                        |                       |
| 9,349.99                                  | 39.46           | 359.94      | 9,306.50              | -90.22       | -175.27      | -85.91                  | 12.00                   | 12.00                  | 0.00                  |
| <b>Avalon</b>                             |                 |             |                       |              |              |                         |                         |                        |                       |
| 9,400.00                                  | 45.46           | 359.94      | 9,343.37              | -56.47       | -175.31      | -52.17                  | 12.00                   | 12.00                  | 0.00                  |
| 9,500.00                                  | 57.46           | 359.94      | 9,405.56              | 21.60        | -175.38      | 25.88                   | 12.00                   | 12.00                  | 0.00                  |
| 9,600.00                                  | 69.46           | 359.94      | 9,450.16              | 110.91       | -175.47      | 115.16                  | 12.00                   | 12.00                  | 0.00                  |
| 9,655.23                                  | 76.09           | 359.94      | 9,466.50              | 163.63       | -175.52      | 167.87                  | 12.00                   | 12.00                  | 0.00                  |
| <b>Target Top at 0' VS</b>                |                 |             |                       |              |              |                         |                         |                        |                       |
| 9,700.00                                  | 81.46           | 359.94      | 9,475.21              | 207.53       | -175.57      | 211.76                  | 12.00                   | 12.00                  | 0.00                  |
| 9,771.14                                  | 90.00           | 359.94      | 9,480.50              | 278.40       | -175.64      | 282.61                  | 12.00                   | 12.00                  | 0.00                  |
| <b>LP, Hold 90.00° Inc at 359.94° Azm</b> |                 |             |                       |              |              |                         |                         |                        |                       |
| 9,800.00                                  | 90.00           | 359.94      | 9,480.50              | 307.27       | -175.67      | 311.47                  | 0.00                    | 0.00                   | 0.00                  |
| 9,900.00                                  | 90.00           | 359.94      | 9,480.50              | 407.27       | -175.77      | 411.44                  | 0.00                    | 0.00                   | 0.00                  |
| 10,000.00                                 | 90.00           | 359.94      | 9,480.50              | 507.26       | -175.86      | 511.41                  | 0.00                    | 0.00                   | 0.00                  |
| 10,100.00                                 | 90.00           | 359.94      | 9,480.50              | 607.26       | -175.96      | 611.38                  | 0.00                    | 0.00                   | 0.00                  |
| 10,200.00                                 | 90.00           | 359.94      | 9,480.50              | 707.26       | -176.06      | 711.36                  | 0.00                    | 0.00                   | 0.00                  |
| 10,300.00                                 | 90.00           | 359.94      | 9,480.50              | 807.26       | -176.16      | 811.33                  | 0.00                    | 0.00                   | 0.00                  |
| 10,400.00                                 | 90.00           | 359.94      | 9,480.50              | 907.26       | -176.26      | 911.30                  | 0.00                    | 0.00                   | 0.00                  |
| 10,500.00                                 | 90.00           | 359.94      | 9,480.50              | 1,007.26     | -176.36      | 1,011.27                | 0.00                    | 0.00                   | 0.00                  |
| 10,600.00                                 | 90.00           | 359.94      | 9,480.50              | 1,107.26     | -176.46      | 1,111.25                | 0.00                    | 0.00                   | 0.00                  |
| 10,700.00                                 | 90.00           | 359.94      | 9,480.50              | 1,207.26     | -176.56      | 1,211.22                | 0.00                    | 0.00                   | 0.00                  |
| 10,800.00                                 | 90.00           | 359.94      | 9,480.50              | 1,307.26     | -176.65      | 1,311.19                | 0.00                    | 0.00                   | 0.00                  |
| 10,900.00                                 | 90.00           | 359.94      | 9,480.50              | 1,407.26     | -176.75      | 1,411.16                | 0.00                    | 0.00                   | 0.00                  |
| 11,000.00                                 | 90.00           | 359.94      | 9,480.50              | 1,507.26     | -176.85      | 1,511.14                | 0.00                    | 0.00                   | 0.00                  |
| 11,100.00                                 | 90.00           | 359.94      | 9,480.50              | 1,607.26     | -176.95      | 1,611.11                | 0.00                    | 0.00                   | 0.00                  |
| 11,200.00                                 | 90.00           | 359.94      | 9,480.50              | 1,707.26     | -177.05      | 1,711.08                | 0.00                    | 0.00                   | 0.00                  |
| 11,300.00                                 | 90.00           | 359.94      | 9,480.50              | 1,807.26     | -177.15      | 1,811.05                | 0.00                    | 0.00                   | 0.00                  |
| 11,400.00                                 | 90.00           | 359.94      | 9,480.50              | 1,907.26     | -177.25      | 1,911.03                | 0.00                    | 0.00                   | 0.00                  |
| 11,500.00                                 | 90.00           | 359.94      | 9,480.50              | 2,007.26     | -177.35      | 2,011.00                | 0.00                    | 0.00                   | 0.00                  |
| 11,600.00                                 | 90.00           | 359.94      | 9,480.50              | 2,107.26     | -177.44      | 2,110.97                | 0.00                    | 0.00                   | 0.00                  |
| 11,700.00                                 | 90.00           | 359.94      | 9,480.50              | 2,207.26     | -177.54      | 2,210.94                | 0.00                    | 0.00                   | 0.00                  |
| 11,800.00                                 | 90.00           | 359.94      | 9,480.50              | 2,307.26     | -177.64      | 2,310.92                | 0.00                    | 0.00                   | 0.00                  |
| 11,900.00                                 | 90.00           | 359.94      | 9,480.50              | 2,407.26     | -177.74      | 2,410.89                | 0.00                    | 0.00                   | 0.00                  |
| 12,000.00                                 | 90.00           | 359.94      | 9,480.50              | 2,507.26     | -177.84      | 2,510.86                | 0.00                    | 0.00                   | 0.00                  |
| 12,100.00                                 | 90.00           | 359.94      | 9,480.50              | 2,607.26     | -177.94      | 2,610.83                | 0.00                    | 0.00                   | 0.00                  |
| 12,200.00                                 | 90.00           | 359.94      | 9,480.50              | 2,707.26     | -178.04      | 2,710.81                | 0.00                    | 0.00                   | 0.00                  |
| 12,300.00                                 | 90.00           | 359.94      | 9,480.50              | 2,807.26     | -178.14      | 2,810.78                | 0.00                    | 0.00                   | 0.00                  |
| 12,400.00                                 | 90.00           | 359.94      | 9,480.50              | 2,907.26     | -178.24      | 2,910.75                | 0.00                    | 0.00                   | 0.00                  |
| 12,500.00                                 | 90.00           | 359.94      | 9,480.50              | 3,007.26     | -178.33      | 3,010.72                | 0.00                    | 0.00                   | 0.00                  |
| 12,600.00                                 | 90.00           | 359.94      | 9,480.50              | 3,107.26     | -178.43      | 3,110.70                | 0.00                    | 0.00                   | 0.00                  |
| 12,700.00                                 | 90.00           | 359.94      | 9,480.50              | 3,207.26     | -178.53      | 3,210.67                | 0.00                    | 0.00                   | 0.00                  |
| 12,800.00                                 | 90.00           | 359.94      | 9,480.50              | 3,307.26     | -178.63      | 3,310.64                | 0.00                    | 0.00                   | 0.00                  |
| 12,900.00                                 | 90.00           | 359.94      | 9,480.50              | 3,407.26     | -178.73      | 3,410.61                | 0.00                    | 0.00                   | 0.00                  |
| 13,000.00                                 | 90.00           | 359.94      | 9,480.50              | 3,507.26     | -178.83      | 3,510.59                | 0.00                    | 0.00                   | 0.00                  |
| 13,100.00                                 | 90.00           | 359.94      | 9,480.50              | 3,607.26     | -178.93      | 3,610.56                | 0.00                    | 0.00                   | 0.00                  |
| 13,200.00                                 | 90.00           | 359.94      | 9,480.50              | 3,707.26     | -179.03      | 3,710.53                | 0.00                    | 0.00                   | 0.00                  |
| 13,300.00                                 | 90.00           | 359.94      | 9,480.50              | 3,807.26     | -179.12      | 3,810.50                | 0.00                    | 0.00                   | 0.00                  |
| 13,400.00                                 | 90.00           | 359.94      | 9,480.50              | 3,907.26     | -179.22      | 3,910.48                | 0.00                    | 0.00                   | 0.00                  |
| 13,500.00                                 | 90.00           | 359.94      | 9,480.50              | 4,007.26     | -179.32      | 4,010.45                | 0.00                    | 0.00                   | 0.00                  |
| 13,600.00                                 | 90.00           | 359.94      | 9,480.50              | 4,107.26     | -179.42      | 4,110.42                | 0.00                    | 0.00                   | 0.00                  |





## Planning Report



|                  |                                        |                                     |                         |
|------------------|----------------------------------------|-------------------------------------|-------------------------|
| <b>Database:</b> | USA Compass                            | <b>Local Co-ordinate Reference:</b> | Well 111H               |
| <b>Company:</b>  | Centennial Resources Development, Inc. | <b>TVD Reference:</b>               | RKB @ 3490.50usft (TBD) |
| <b>Project:</b>  | Lea County, NM (NAD83 - UTM Zone 13)   | <b>MD Reference:</b>                | RKB @ 3490.50usft (TBD) |
| <b>Site:</b>     | Romeo Federal Com                      | <b>North Reference:</b>             | True                    |
| <b>Well:</b>     | 111H                                   | <b>Survey Calculation Method:</b>   | Minimum Curvature       |
| <b>Wellbore:</b> | OH                                     |                                     |                         |
| <b>Design:</b>   | Plan 1 04-06-22                        |                                     |                         |

| Planned Survey        |                 |             |                       |              |              |                         |                         |                        |                       |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 13,700.00             | 90.00           | 359.94      | 9,480.50              | 4,207.26     | -179.52      | 4,210.39                | 0.00                    | 0.00                   | 0.00                  |
| 13,800.00             | 90.00           | 359.94      | 9,480.50              | 4,307.26     | -179.62      | 4,310.37                | 0.00                    | 0.00                   | 0.00                  |
| 13,900.00             | 90.00           | 359.94      | 9,480.50              | 4,407.26     | -179.72      | 4,410.34                | 0.00                    | 0.00                   | 0.00                  |
| 14,000.00             | 90.00           | 359.94      | 9,480.50              | 4,507.26     | -179.82      | 4,510.31                | 0.00                    | 0.00                   | 0.00                  |
| 14,100.00             | 90.00           | 359.94      | 9,480.50              | 4,607.26     | -179.91      | 4,610.28                | 0.00                    | 0.00                   | 0.00                  |
| 14,200.00             | 90.00           | 359.94      | 9,480.50              | 4,707.26     | -180.01      | 4,710.26                | 0.00                    | 0.00                   | 0.00                  |
| 14,300.00             | 90.00           | 359.94      | 9,480.50              | 4,807.26     | -180.11      | 4,810.23                | 0.00                    | 0.00                   | 0.00                  |
| 14,400.00             | 90.00           | 359.94      | 9,480.50              | 4,907.26     | -180.21      | 4,910.20                | 0.00                    | 0.00                   | 0.00                  |
| 14,500.00             | 90.00           | 359.94      | 9,480.50              | 5,007.26     | -180.31      | 5,010.17                | 0.00                    | 0.00                   | 0.00                  |
| 14,600.00             | 90.00           | 359.94      | 9,480.50              | 5,107.26     | -180.41      | 5,110.15                | 0.00                    | 0.00                   | 0.00                  |
| 14,700.00             | 90.00           | 359.94      | 9,480.50              | 5,207.26     | -180.51      | 5,210.12                | 0.00                    | 0.00                   | 0.00                  |
| 14,800.00             | 90.00           | 359.94      | 9,480.50              | 5,307.26     | -180.61      | 5,310.09                | 0.00                    | 0.00                   | 0.00                  |
| 14,900.00             | 90.00           | 359.94      | 9,480.50              | 5,407.26     | -180.71      | 5,410.06                | 0.00                    | 0.00                   | 0.00                  |
| 15,000.00             | 90.00           | 359.94      | 9,480.50              | 5,507.26     | -180.80      | 5,510.04                | 0.00                    | 0.00                   | 0.00                  |
| 15,100.00             | 90.00           | 359.94      | 9,480.50              | 5,607.26     | -180.90      | 5,610.01                | 0.00                    | 0.00                   | 0.00                  |
| 15,200.00             | 90.00           | 359.94      | 9,480.50              | 5,707.26     | -181.00      | 5,709.98                | 0.00                    | 0.00                   | 0.00                  |
| 15,300.00             | 90.00           | 359.94      | 9,480.50              | 5,807.26     | -181.10      | 5,809.95                | 0.00                    | 0.00                   | 0.00                  |
| 15,400.00             | 90.00           | 359.94      | 9,480.50              | 5,907.26     | -181.20      | 5,909.93                | 0.00                    | 0.00                   | 0.00                  |
| 15,500.00             | 90.00           | 359.94      | 9,480.50              | 6,007.26     | -181.30      | 6,009.90                | 0.00                    | 0.00                   | 0.00                  |
| 15,600.00             | 90.00           | 359.94      | 9,480.50              | 6,107.26     | -181.40      | 6,109.87                | 0.00                    | 0.00                   | 0.00                  |
| 15,700.00             | 90.00           | 359.94      | 9,480.50              | 6,207.26     | -181.50      | 6,209.84                | 0.00                    | 0.00                   | 0.00                  |
| 15,800.00             | 90.00           | 359.94      | 9,480.50              | 6,307.26     | -181.59      | 6,309.82                | 0.00                    | 0.00                   | 0.00                  |
| 15,900.00             | 90.00           | 359.94      | 9,480.50              | 6,407.26     | -181.69      | 6,409.79                | 0.00                    | 0.00                   | 0.00                  |
| 16,000.00             | 90.00           | 359.94      | 9,480.50              | 6,507.26     | -181.79      | 6,509.76                | 0.00                    | 0.00                   | 0.00                  |
| 16,100.00             | 90.00           | 359.94      | 9,480.50              | 6,607.26     | -181.89      | 6,609.73                | 0.00                    | 0.00                   | 0.00                  |
| 16,200.00             | 90.00           | 359.94      | 9,480.50              | 6,707.26     | -181.99      | 6,709.71                | 0.00                    | 0.00                   | 0.00                  |
| 16,300.00             | 90.00           | 359.94      | 9,480.50              | 6,807.26     | -182.09      | 6,809.68                | 0.00                    | 0.00                   | 0.00                  |
| 16,400.00             | 90.00           | 359.94      | 9,480.50              | 6,907.26     | -182.19      | 6,909.65                | 0.00                    | 0.00                   | 0.00                  |
| 16,500.00             | 90.00           | 359.94      | 9,480.50              | 7,007.26     | -182.29      | 7,009.62                | 0.00                    | 0.00                   | 0.00                  |
| 16,600.00             | 90.00           | 359.94      | 9,480.50              | 7,107.26     | -182.38      | 7,109.60                | 0.00                    | 0.00                   | 0.00                  |
| 16,700.00             | 90.00           | 359.94      | 9,480.50              | 7,207.26     | -182.48      | 7,209.57                | 0.00                    | 0.00                   | 0.00                  |
| 16,800.00             | 90.00           | 359.94      | 9,480.50              | 7,307.26     | -182.58      | 7,309.54                | 0.00                    | 0.00                   | 0.00                  |
| 16,900.00             | 90.00           | 359.94      | 9,480.50              | 7,407.26     | -182.68      | 7,409.51                | 0.00                    | 0.00                   | 0.00                  |
| 16,968.14             | 90.00           | 359.94      | 9,480.50              | 7,475.40     | -182.75      | 7,477.63                | 0.00                    | 0.00                   | 0.00                  |
| TD at 16968.14        |                 |             |                       |              |              |                         |                         |                        |                       |

| Design Targets                                                                                 |               |              |            |              |              |                 |                |                     |                    |
|------------------------------------------------------------------------------------------------|---------------|--------------|------------|--------------|--------------|-----------------|----------------|---------------------|--------------------|
| Target Name                                                                                    |               |              |            |              |              |                 |                |                     |                    |
| - hit/miss target                                                                              | Dip Angle (°) | Dip Dir. (°) | TVD (usft) | +N/-S (usft) | +E/-W (usft) | Northing (usft) | Easting (usft) | Latitude            | Longitude          |
| - Shape                                                                                        |               |              |            |              |              |                 |                |                     |                    |
| BHL - Romeo Federal                                                                            | 0.00          | 359.94       | 9,480.50   | 7,475.40     | -182.75      | 11,695,342.79   | 2,114,938.33   | 12° 12' 36.064383 N | 3° 27' 55.166029 W |
| - plan hits target center                                                                      |               |              |            |              |              |                 |                |                     |                    |
| - Rectangle (sides W0.00 H7,715.21 D20.00)                                                     |               |              |            |              |              |                 |                |                     |                    |
| FTP - Romeo Federal                                                                            | 0.00          | 0.00         | 9,480.50   | -239.81      | -175.13      | 11,687,629.57   | 2,115,056.09   | 32° 11' 19.720802 N | 3° 27' 55.077089 W |
| - plan misses target center by 227.18usft at 9377.38usft MD (9327.13 TVD, -72.22 N, -175.29 E) |               |              |            |              |              |                 |                |                     |                    |
| - Point                                                                                        |               |              |            |              |              |                 |                |                     |                    |



## Planning Report



|                  |                                        |                                     |                         |
|------------------|----------------------------------------|-------------------------------------|-------------------------|
| <b>Database:</b> | USA Compass                            | <b>Local Co-ordinate Reference:</b> | Well 111H               |
| <b>Company:</b>  | Centennial Resources Development, Inc. | <b>TVD Reference:</b>               | RKB @ 3490.50usft (TBD) |
| <b>Project:</b>  | Lea County, NM (NAD83 - UTM Zone 13)   | <b>MD Reference:</b>                | RKB @ 3490.50usft (TBD) |
| <b>Site:</b>     | Romeo Federal Com                      | <b>North Reference:</b>             | True                    |
| <b>Well:</b>     | 111H                                   | <b>Survey Calculation Method:</b>   | Minimum Curvature       |
| <b>Wellbore:</b> | OH                                     |                                     |                         |
| <b>Design:</b>   | Plan 1 04-06-22                        |                                     |                         |

| Formations            |                       |                             |           |         |                   |  |
|-----------------------|-----------------------|-----------------------------|-----------|---------|-------------------|--|
| Measured Depth (usft) | Vertical Depth (usft) | Name                        | Lithology | Dip (°) | Dip Direction (°) |  |
| 1,088.50              | 1,088.50              | Rustler                     |           |         |                   |  |
| 1,707.50              | 1,707.50              | Salado                      |           |         |                   |  |
| 4,568.60              | 4,550.50              | BX BLM (Fletcher Anhydrite) |           |         |                   |  |
| 5,386.60              | 5,368.50              | Lamar                       |           |         |                   |  |
| 5,458.60              | 5,440.50              | Bell Canyon                 |           |         |                   |  |
| 6,358.60              | 6,340.50              | Cherry Canyon               |           |         |                   |  |
| 6,576.60              | 6,558.50              | Manzanita Lime              |           |         |                   |  |
| 7,913.60              | 7,895.50              | Brushy Canyon               |           |         |                   |  |
| 9,323.39              | 9,285.50              | Bone Spring Lime            |           |         |                   |  |
| 9,349.99              | 9,306.50              | Avalon                      |           |         |                   |  |
| 9,655.23              | 9,466.50              | Target Top at 0' VS         |           |         |                   |  |

| Plan Annotations      |                       |                   |              |                                    |  |
|-----------------------|-----------------------|-------------------|--------------|------------------------------------|--|
| Measured Depth (usft) | Vertical Depth (usft) | Local Coordinates |              |                                    |  |
|                       |                       | +N/-S (usft)      | +E/-W (usft) | Comment                            |  |
| 2,000.00              | 2,000.00              | 0.00              | 0.00         | KOP, Begin 1.00°/100' Build        |  |
| 2,999.68              | 2,994.61              | -65.31            | -57.47       | Hold 10.00° Inc at 221.35° Azm     |  |
| 3,524.93              | 3,511.89              | -133.76           | -117.70      | Begin 1.00°/100' Drop              |  |
| 4,524.60              | 4,506.50              | -199.06           | -175.17      | Begin Vertical Hold                |  |
| 9,021.14              | 9,003.04              | -199.06           | -175.17      | KOP2, Begin 12.00°/100' Build      |  |
| 9,771.14              | 9,480.50              | 278.40            | -175.64      | LP, Hold 90.00° Inc at 359.94° Azm |  |
| 16,968.14             | 9,480.50              | 7,475.40          | -182.75      | TD at 16968.14                     |  |

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS  
  
Action 120061

CONDITIONS

|                                                                                                      |                                                      |
|------------------------------------------------------------------------------------------------------|------------------------------------------------------|
| Operator:<br>CENTENNIAL RESOURCE PRODUCTION, LLC<br>1001 17th Street, Suite 1800<br>Denver, CO 80202 | OGRID:<br>372165                                     |
|                                                                                                      | Action Number:<br>120061                             |
|                                                                                                      | Action Type:<br>[C-103] NOI Change of Plans (C-103A) |

CONDITIONS

|            |           |                |
|------------|-----------|----------------|
| Created By | Condition | Condition Date |
| pkautz     | None      | 7/28/2022      |