

|                               |                                                                      |                                              |
|-------------------------------|----------------------------------------------------------------------|----------------------------------------------|
| Well Name: RAIDER FEDERAL COM | Well Location: T24S / R34E / SEC 21 / NENE / 32.209109 / -103.470501 | County or Parish/State: LEA / NM             |
| Well Number: 302H             | Type of Well: OIL WELL                                               | Allottee or Tribe Name:                      |
| Lease Number: NMNM126971      | Unit or CA Name:                                                     | Unit or CA Number: NMNM139580                |
| US Well Number: 3002548391    | Well Status: Approved Application for Permit to Drill                | Operator: CENTENNIAL RESOURCE PRODUCTION LLC |

Notice of Intent

Sundry ID: 2668884

|                                                |                              |
|------------------------------------------------|------------------------------|
| Type of Submission: Notice of Intent           | Type of Action: APD Change   |
| Date Sundry Submitted: 04/27/2022              | Time Sundry Submitted: 09:51 |
| Date proposed operation will begin: 09/05/2022 |                              |

**Procedure Description:** Centennial Resource Production, LLC requests to move the original BHL 20' to the East. The new BHL will be 100' FSL & 810' FEL. Please see attached updated well plat and dictional plans to reflect this change.

NOI Attachments

Procedure Description

- Raider\_Federal\_Com\_302H\_\_Plan\_3\_03\_21\_22\_20220427095054.pdf
- Raider\_Federal\_Com\_302H\_C\_102\_Plat\_SBMT\_4.27.22\_20220427095042.pdf

Received by OCD: 8/11/2022 9:31:57 AM

Page 2 of 11

|                               |                                                                      |                                              |
|-------------------------------|----------------------------------------------------------------------|----------------------------------------------|
| Well Name: RAIDER FEDERAL COM | Well Location: T24S / R34E / SEC 21 / NENE / 32.209109 / -103.470501 | County or Parish/State: LEA / NM             |
| Well Number: 302H             | Type of Well: OIL WELL                                               | Allottee or Tribe Name:                      |
| Lease Number: NMNM126971      | Unit or CA Name:                                                     | Unit or CA Number: NMNM139580                |
| US Well Number: 3002548391    | 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: APR 27, 2022 09:50 AM |
| Name: CENTENNIAL RESOURCE PRODUCTION LLC    |                                  |
| Title: Sr Regulatory Analyst                |                                  |
| Street Address: 1001 17TH STREET SUITE 1800 |                                  |
| City: DENVER                                | State: 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: CHRISTOPHER WALLS | BLM POC Title: Petroleum Engineer     |
| BLM POC Phone: 5752342234       | BLM POC Email Address: cwalls@blm.gov |
| Disposition: Approved           | Disposition Date: 08/08/2022          |
| Signature: Chris Walls          |                                       |

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                                         |                                                                   |                                                        |
|-----------------------------------------|-------------------------------------------------------------------|--------------------------------------------------------|
| <sup>1</sup> API Number<br>30-025-48391 | <sup>2</sup> Pool Code<br>96434                                   | <sup>3</sup> Pool Name<br>Red Hills-Bone Spring, North |
| <sup>4</sup> Property Code<br>318010    | <sup>5</sup> Property Name<br>RAIDER FEDERAL COM                  | <sup>6</sup> Well Number<br>302H                       |
| <sup>7</sup> OGRID No.<br>372165        | <sup>8</sup> Operator Name<br>CENTENNIAL RESOURCE PRODUCTION, LLC | <sup>9</sup> Elevation<br>3530.8'                      |

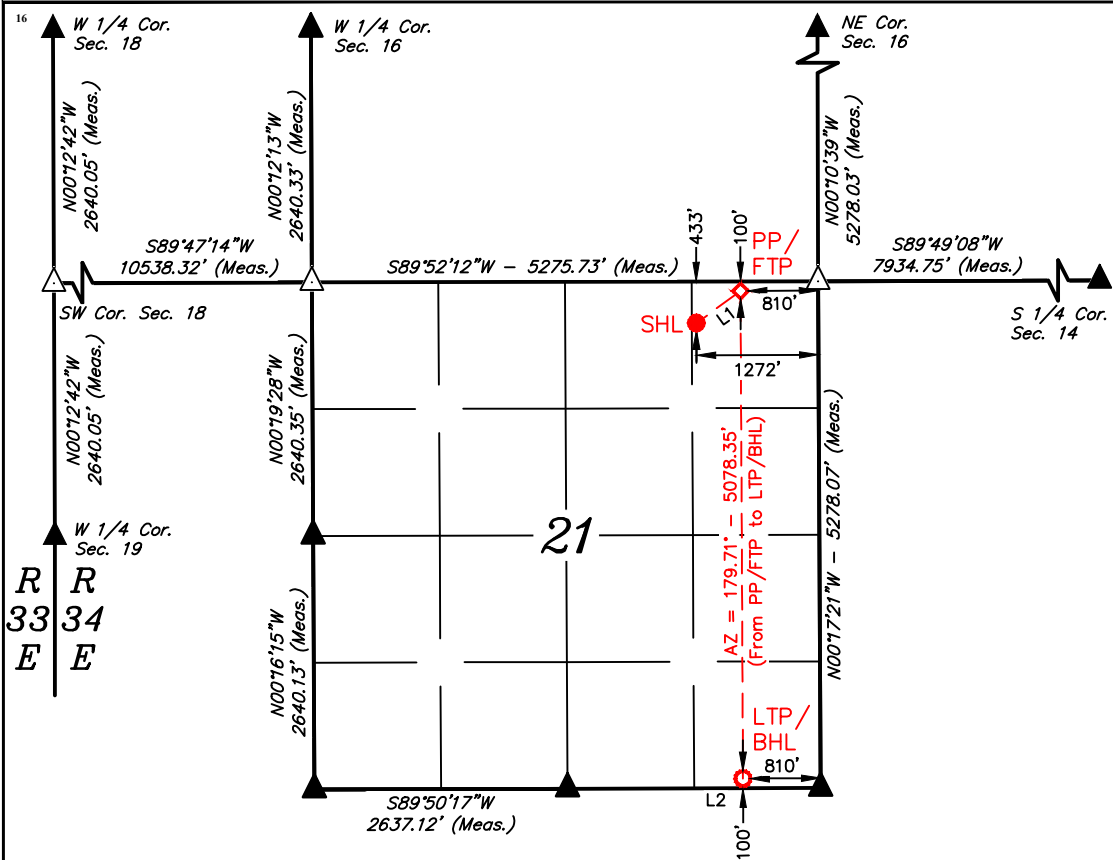
<sup>10</sup> Surface Location

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| A             | 21      | 24S      | 34E   |         | 433           | NORTH            | 1272          | EAST           | LEA    |

<sup>11</sup> Bottom Hole Location If Different From Surface

| UL or lot no.                        | Section                       | Township                         | Range                   | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|--------------------------------------|-------------------------------|----------------------------------|-------------------------|---------|---------------|------------------|---------------|----------------|--------|
| P                                    | 21                            | 24S                              | 34E                     |         | 100           | SOUTH            | 810           | EAST           | LEA    |
| <sup>12</sup> Dedicated Acres<br>160 | <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.



| LINE TABLE |             |          |
|------------|-------------|----------|
| LINE       | DIRECTION   | LENGTH   |
| L1         | N54°02'00"E | 568.79'  |
| L2         | S89°50'59"W | 2637.82' |

| NAD 83 (SURFACE HOLE LOCATION)          |
|-----------------------------------------|
| LATITUDE = 32°12'32.79" (32.209109°)    |
| LONGITUDE = 103°28'13.80" (103.470501°) |
| STATE PLANE NAD 83 (N.M. EAST)          |
| Y: 440879.09' X: 808200.72'             |
| UTM, NAD 83 (ZONE 13)                   |
| Y: 11694989.43' X: 2113342.03'          |

| NAD 83 (PP/FTP)                         |
|-----------------------------------------|
| LATITUDE = 32°12'36.08" (32.210022°)    |
| LONGITUDE = 103°28'08.43" (103.469009°) |
| STATE PLANE NAD 83 (N.M. EAST)          |
| Y: 441215.02' X: 808659.61'             |
| UTM, NAD 83 (ZONE 13)                   |
| Y: 11695328.16' X: 2113798.76'          |

| NAD 83 (LTP/BHL)                        |
|-----------------------------------------|
| LATITUDE = 32°11'45.84" (32.196066°)    |
| LONGITUDE = 103°28'08.36" (103.468989°) |
| STATE PLANE NAD 83 (N.M. EAST)          |
| Y: 436137.69' X: 808706.48'             |
| UTM, NAD 83 (ZONE 13)                   |
| Y: 11690251.90' X: 2113877.11'          |

NOTE:

- Distances referenced on plat to section lines are perpendicular.
- Basis of Bearing is a Transverse Mercator Projection with a Central Meridian of W103°53'00"



SCALE

DRAWN BY: J.N. 01-28-19

REV 2: 03-08-22 D.M.C. (WELLBORE MOVE)

- = SURFACE HOLE LOCATION
- ◆ = FIRST TAKE POINT/ PENETRATION POINT
- = LAST TAKE POINT/ BOTTOM HOLE LOCATION
- ▲ = SECTION CORNER LOCATED
- △ = SECTION CORNER RE-ESTABLISHED. (Not Set on Ground.)

<sup>17</sup> 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

E-mail Address

<sup>18</sup> SURVEYOR CERTIFICATION

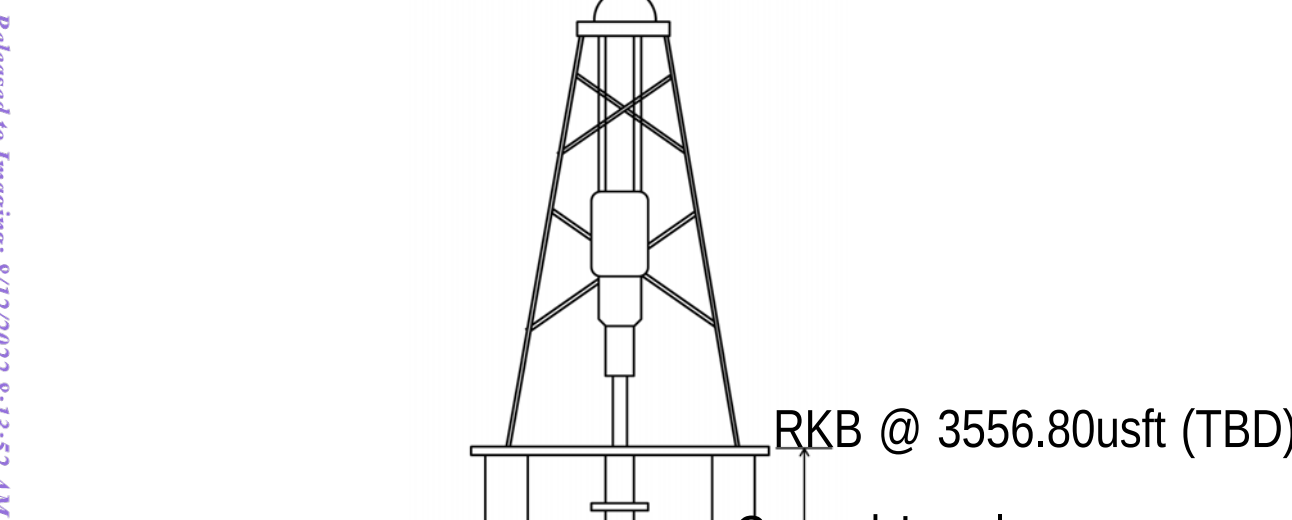
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

January 24, 2019

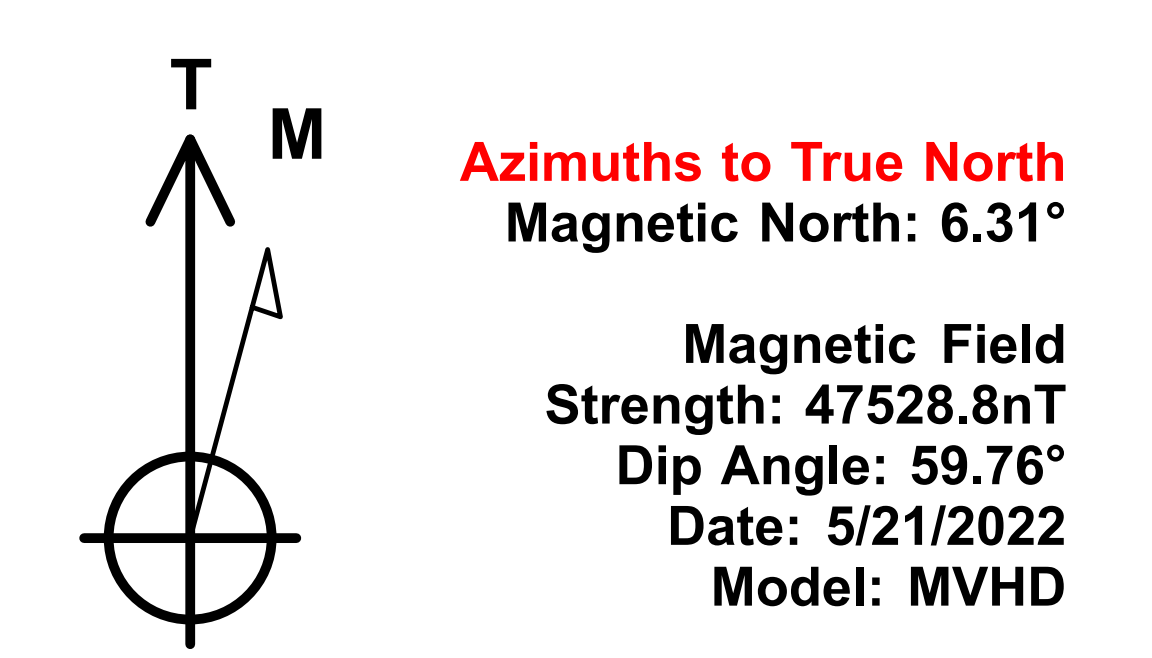
Date of Survey  
Signature and Seal of Professional Surveyor:



Certificate Number:



Project: Lea County, NM (NAD83 - UTM Zone 13)  
Site: Raider Federal Com  
Well: 302H  
Wellbore: OH  
Design: Plan 3 03-21-22  
Rig: TBD



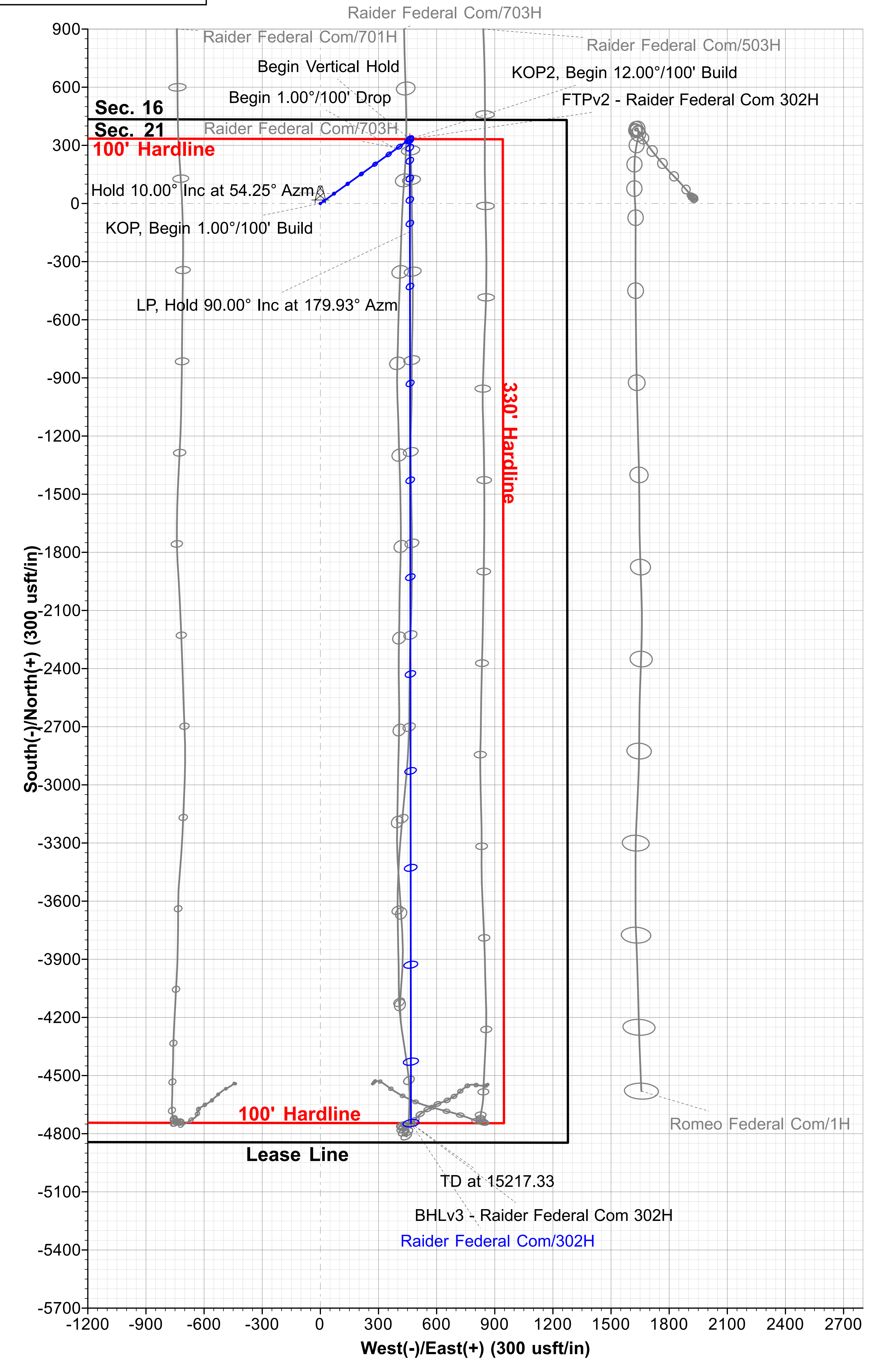
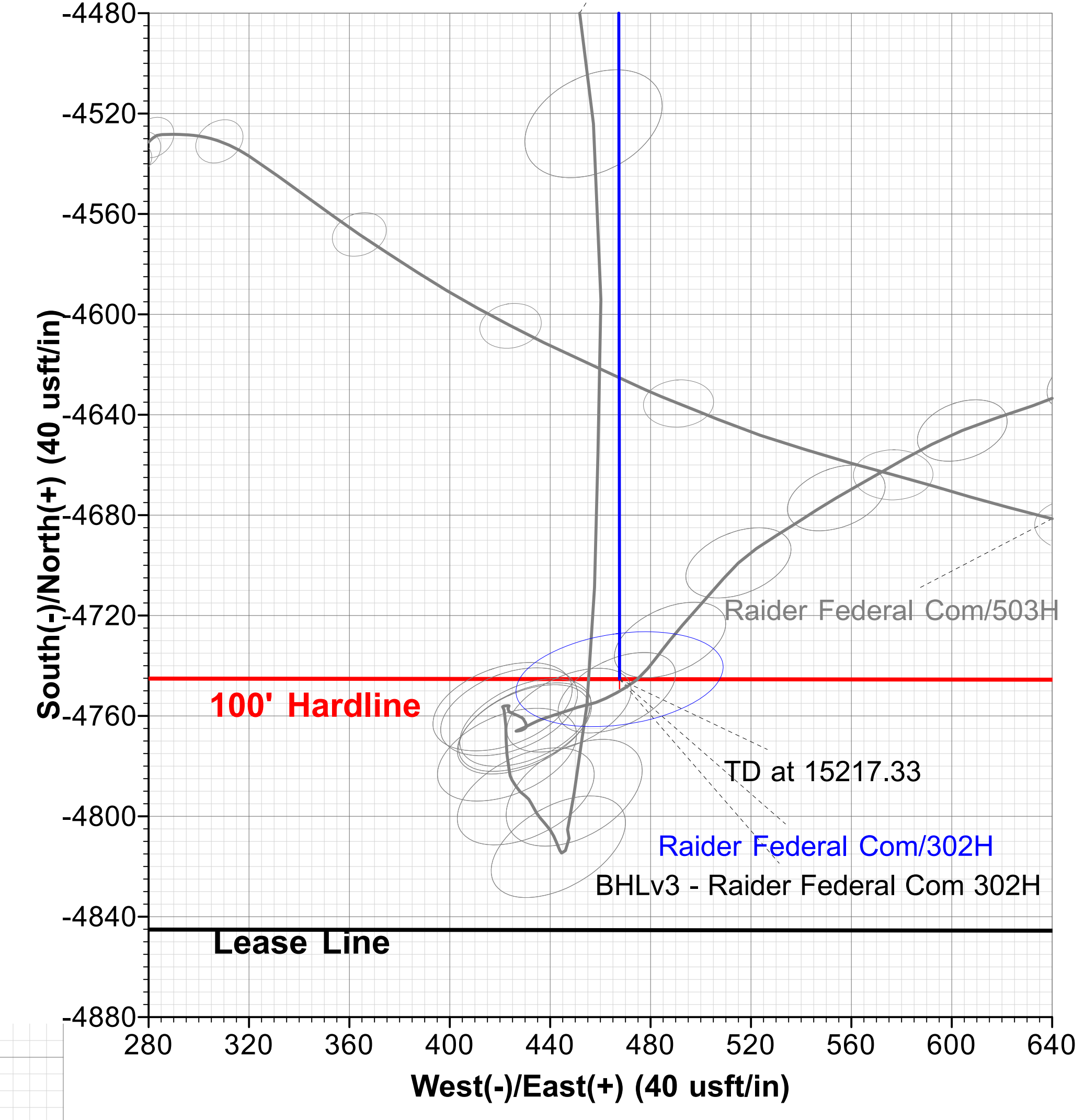
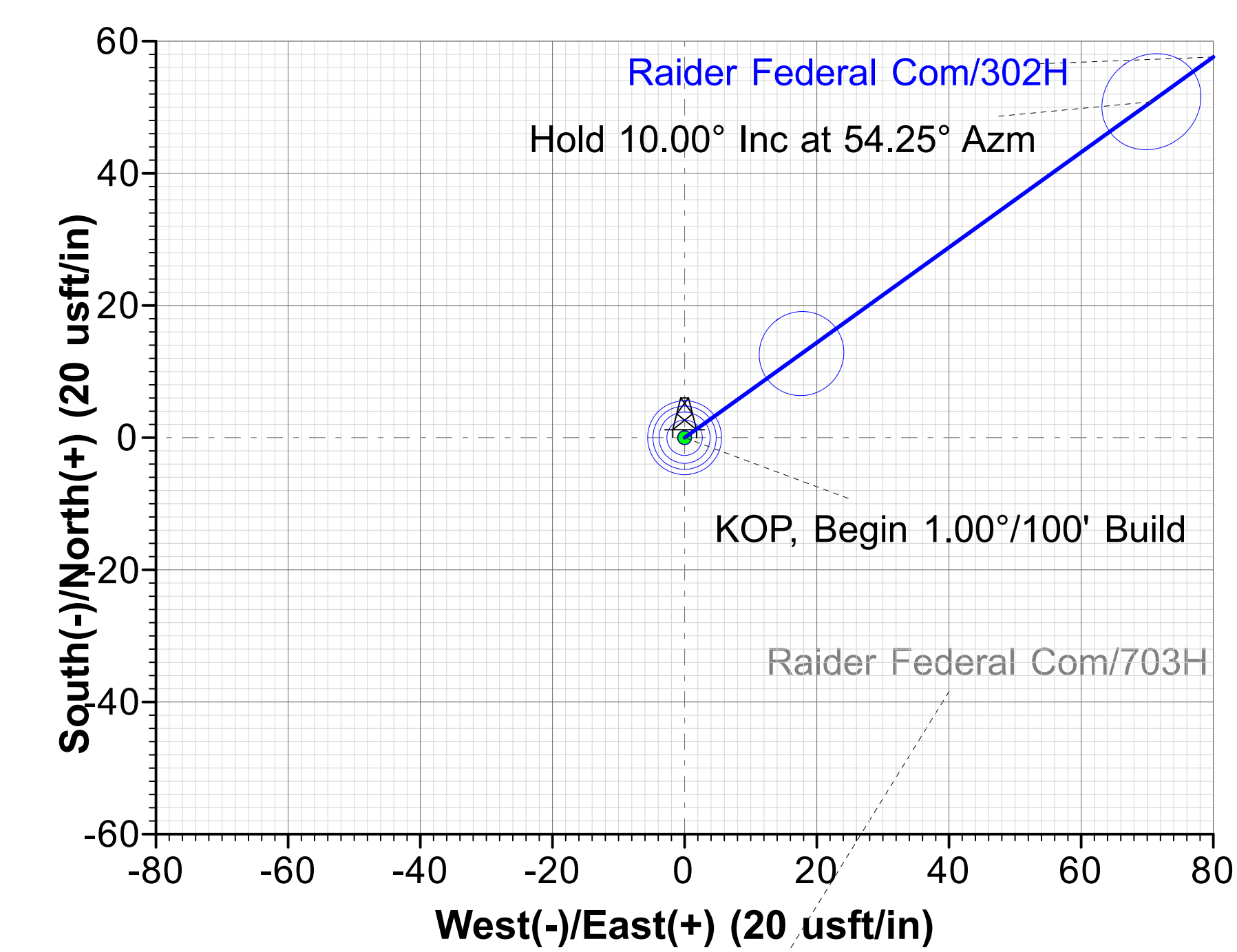
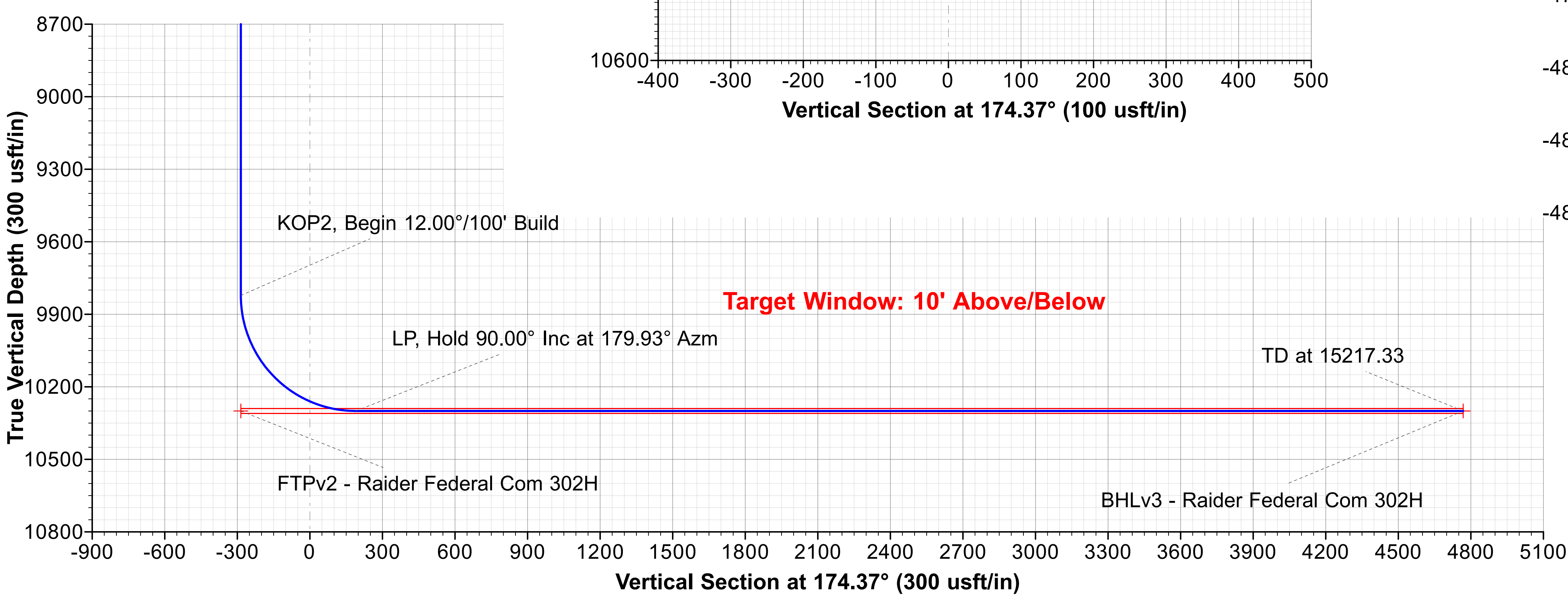
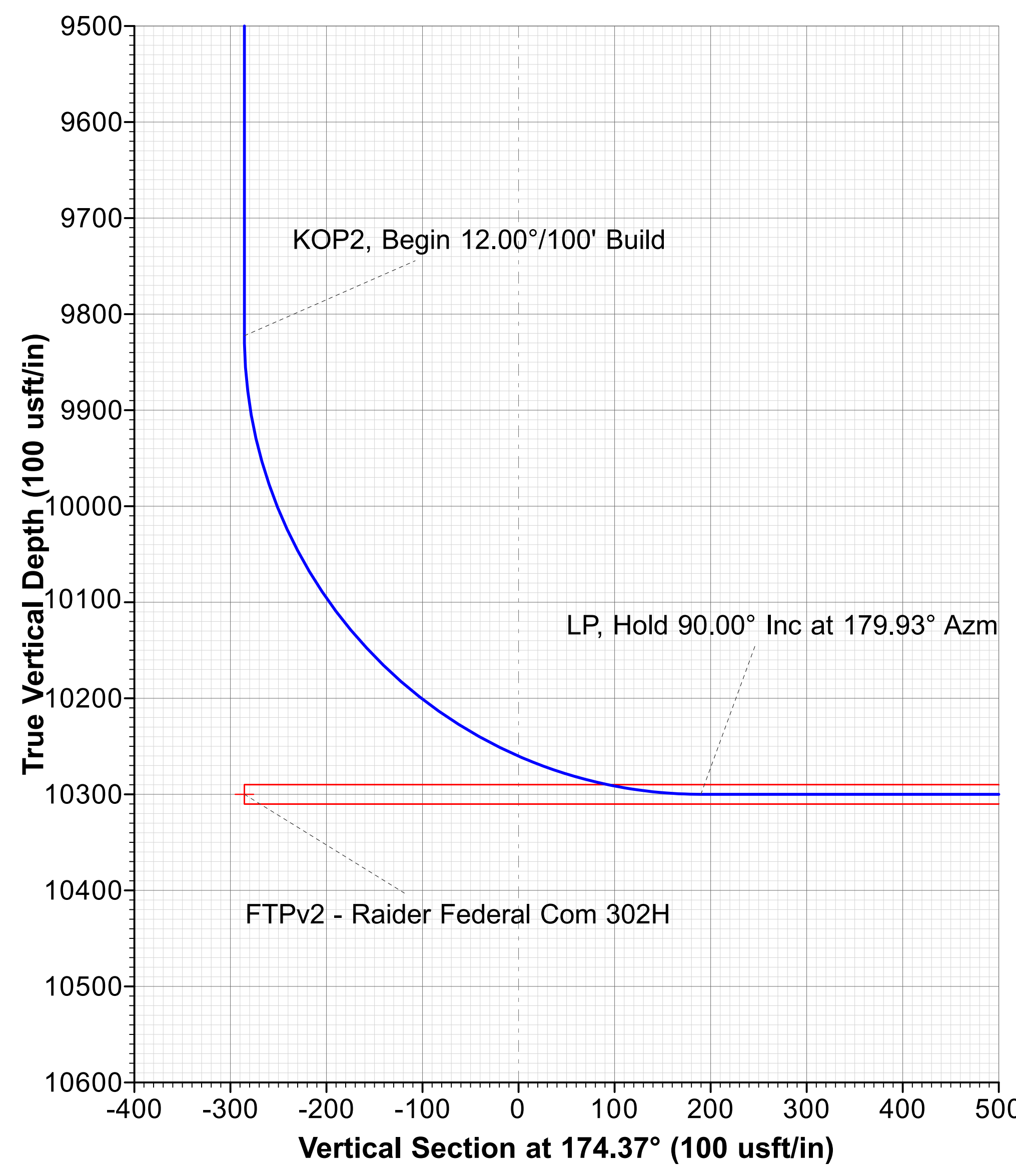
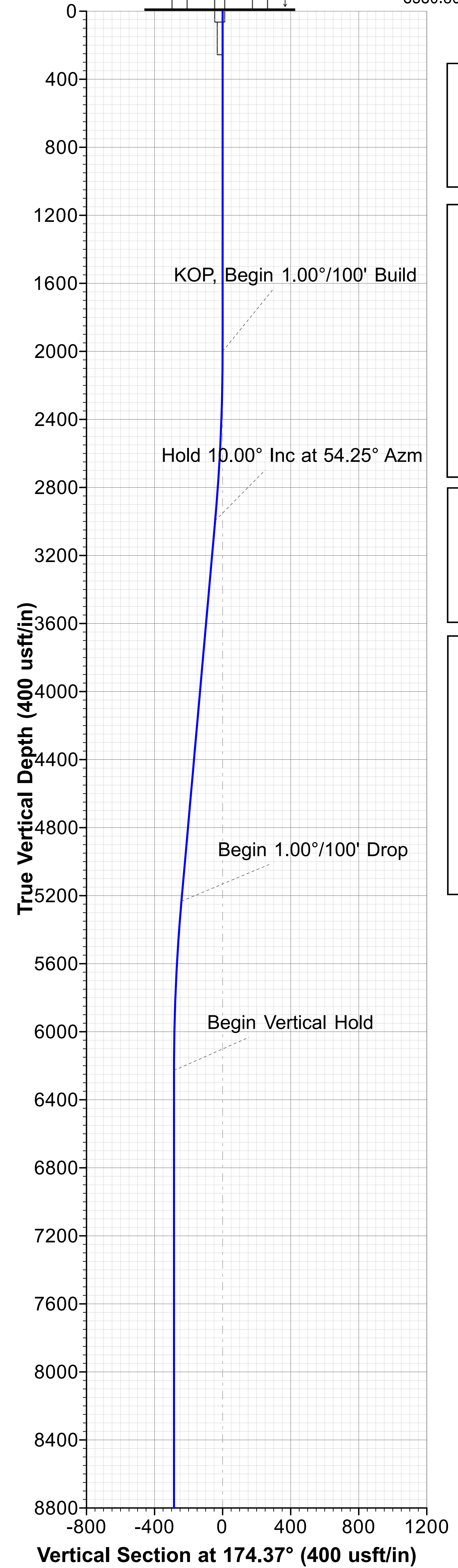
| WELL DETAILS |       |             |               |                     |                      |  |  |
|--------------|-------|-------------|---------------|---------------------|----------------------|--|--|
|              |       |             | Ground Level: | 3530.80             |                      |  |  |
| +N/-S        | +E/-W | Northing    | Easting       | Latitude            | Longitude            |  |  |
| 0.00         | 0.00  | 11694989.43 | 2113342.03    | 32° 12' 32.792872 N | 103° 28' 13.804518 W |  |  |

| SECTION DETAILS |          |       |        |          |          |        |       |         |         |                                 |                                    |
|-----------------|----------|-------|--------|----------|----------|--------|-------|---------|---------|---------------------------------|------------------------------------|
| Sec             | MD       | Inc   | Azi    | TVD      | +N/-S    | +E/-W  | Dleg  | TFace   | VSec    | Target                          | Annotation                         |
| 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    |                                 | KOP, Begin 1.00°/100' Build        |
| 3               | 3000.00  | 10.00 | 54.25  | 2994.93  | 50.85    | 70.65  | 1.00  | 54.253  | -43.68  |                                 | Hold 10.00° Inc at 54.25° Azm      |
| 4               | 5272.54  | 10.00 | 54.25  | 5232.94  | 281.39   | 390.92 | 0.00  | 0.000   | -241.69 |                                 | Begin 1.00°/100' Drop              |
| 5               | 6272.54  | 0.00  | 0.00   | 6227.87  | 332.24   | 461.57 | 1.00  | 180.000 | -285.37 |                                 | Begin Vertical Hold                |
| 6               | 9867.20  | 0.00  | 0.00   | 9822.54  | 332.24   | 461.57 | 0.00  | 0.000   | -285.37 |                                 | KOP2, Begin 12.00°/100' Build      |
| 7               | 10617.20 | 90.00 | 179.93 | 10300.00 | -145.22  | 462.14 | 12.00 | 179.931 | 189.85  |                                 | LP, Hold 90.00° Inc at 179.93° Azm |
| 8               | 15217.33 | 90.00 | 179.93 | 10300.00 | -4745.35 | 467.67 | 0.00  | 0.000   | 4768.34 | BHLv3 - Raider Federal Com 302H | TD at 15217.33                     |

| DESIGN TARGET DETAILS           |          |          |        |             |            |                     |                     |
|---------------------------------|----------|----------|--------|-------------|------------|---------------------|---------------------|
| Name                            | TVD      | +N/-S    | +E/-W  | Northing    | Easting    | Latitude            | Longitude           |
| FTPv2 - Raider Federal Com 302H | 10300.00 | 332.24   | 461.57 | 11695328.16 | 2113798.76 | 32° 12' 36.080455 N | 103° 28' 8.432345 W |
| BHLv3 - Raider Federal Com 302H | 10300.00 | -4745.35 | 467.67 | 11690251.90 | 2113877.11 | 32° 11' 45.836712 N | 103° 28' 8.361982 W |

| LEGEND |                                          |
|--------|------------------------------------------|
| —      | 503H, OH / 67470, Surveys (H&P 296) V0   |
| —      | 703H, OH / 67430, Surveys (H&P 489) V0   |
| —      | 703H, ST01 / 67430, Surveys (H&P 489) V0 |
| —      | 701H, OH / 67386, Surveys (H&P 625) V0   |
| —      | 1H, OH, Surveys V0                       |
| —      | Plan 3 03-21-22                          |

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 302H, True North  
  
Latitude: 32° 12' 32.792872 N  
Longitude: 103° 28' 13.804518 W  
  
Grid East: 2113342.03  
Grid North: 11694989.43  
Scale Factor: 1.000  
  
Geomagnetic Model: MVHD  
Sample Date: 21-May-22  
Magnetic Declination: 6.313°  
Dip Angle from Horizontal: 59.762°  
Magnetic Field Strength: 47528.79328579nT  
  
To convert a Magnetic Direction to a Grid Direction, Add 5.498°  
To convert a Magnetic Direction to a True Direction, Add 6.313° East  
To convert a True Direction to a Grid Direction, Subtract 0.815°





# **Centennial Resources Development, Inc.**

**Lea County, NM (NAD83 - UTM Zone 13)  
Raider Federal Com  
302H**

**OH**

**Plan: Plan 3 03-21-22**

## **Standard Planning Report**

**21 March, 2022**





## Planning Report



|                  |                                        |                                     |                         |
|------------------|----------------------------------------|-------------------------------------|-------------------------|
| <b>Database:</b> | USA Compass                            | <b>Local Co-ordinate Reference:</b> | Well 302H               |
| <b>Company:</b>  | Centennial Resources Development, Inc. | <b>TVD Reference:</b>               | RKB @ 3556.80usft (TBD) |
| <b>Project:</b>  | Lea County, NM (NAD83 - UTM Zone 13)   | <b>MD Reference:</b>                | RKB @ 3556.80usft (TBD) |
| <b>Site:</b>     | Raider Federal Com                     | <b>North Reference:</b>             | True                    |
| <b>Well:</b>     | 302H                                   | <b>Survey Calculation Method:</b>   | Minimum Curvature       |
| <b>Wellbore:</b> | OH                                     |                                     |                         |
| <b>Design:</b>   | Plan 3 03-21-22                        |                                     |                         |

|                    |                                              |                      |                             |
|--------------------|----------------------------------------------|----------------------|-----------------------------|
| <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                  |     | Raider Federal Com |                    |            |                      |
|-----------------------|-----|--------------------|--------------------|------------|----------------------|
| Site Position:        |     | Northing:          | 11,690,439.89 usft | Latitude:  | 32° 11' 47.826895 N  |
| From:                 | Map | Easting:           | 2,112,954.42 usft  | Longitude: | 103° 28' 19.068805 W |
| Position Uncertainty: |     | 0.00 usft          | Slot Radius:       | 13-3/16 "  |                      |

|                      |       |               |                     |                    |               |                      |
|----------------------|-------|---------------|---------------------|--------------------|---------------|----------------------|
| Well                 | 302H  |               |                     |                    |               |                      |
| Well Position        | +N/-S | 4,544.23 usft | Northing:           | 11,694,989.43 usft | Latitude:     | 32° 12' 32.792872 N  |
|                      | +E/-W | 452.30 usft   | Easting:            | 2,113,342.03 usft  | Longitude:    | 103° 28' 13.804518 W |
| Position Uncertainty |       | 1.00 usft     | Wellhead Elevation: |                    | Ground Level: | 3,530.80 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              | 5/21/2022          | 6.313                  | 59.762               | 47,528.79328579            |

|                          |                                |                     |                      |                      |
|--------------------------|--------------------------------|---------------------|----------------------|----------------------|
| <b>Design</b>            | Plan 3 03-21-22                |                     |                      |                      |
| <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                 | 174.37               |

|                                 |                        |                          |                      |                        |
|---------------------------------|------------------------|--------------------------|----------------------|------------------------|
| <b>Plan Survey Tool Program</b> | <b>Date</b>            | 3/21/2022                |                      |                        |
| <b>Depth From (usft)</b>        | <b>Depth To (usft)</b> | <b>Survey (Wellbore)</b> | <b>Tool Name</b>     | <b>Remarks</b>         |
| 1                               | 0.00                   | 15,217.33                | Plan 3 03-21-22 (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          |                    |
| 3,000.00                     | 10.00                  | 54.25              | 2,994.93                     | 50.85               | 70.65               | 1.00                           | 1.00                          | 0.00                         | 54.253         |                    |
| 5,272.54                     | 10.00                  | 54.25              | 5,232.94                     | 281.39              | 390.92              | 0.00                           | 0.00                          | 0.00                         | 0.000          |                    |
| 6,272.54                     | 0.00                   | 0.00               | 6,227.87                     | 332.24              | 461.57              | 1.00                           | -1.00                         | 0.00                         | 180.000        |                    |
| 9,867.20                     | 0.00                   | 0.00               | 9,822.54                     | 332.24              | 461.57              | 0.00                           | 0.00                          | 0.00                         | 0.000          |                    |
| 10,617.20                    | 90.00                  | 179.93             | 10,300.01                    | -145.22             | 462.14              | 12.00                          | 12.00                         | 23.99                        | 179.931        |                    |
| 15,217.33                    | 90.00                  | 179.93             | 10,300.01                    | -4,745.35           | 467.67              | 0.00                           | 0.00                          | 0.00                         | 0.000          | BHLv3 - Raider Fec |



## Planning Report



|                  |                                        |                                     |                         |
|------------------|----------------------------------------|-------------------------------------|-------------------------|
| <b>Database:</b> | USA Compass                            | <b>Local Co-ordinate Reference:</b> | Well 302H               |
| <b>Company:</b>  | Centennial Resources Development, Inc. | <b>TVD Reference:</b>               | RKB @ 3556.80usft (TBD) |
| <b>Project:</b>  | Lea County, NM (NAD83 - UTM Zone 13)   | <b>MD Reference:</b>                | RKB @ 3556.80usft (TBD) |
| <b>Site:</b>     | Raider Federal Com                     | <b>North Reference:</b>             | True                    |
| <b>Well:</b>     | 302H                                   | <b>Survey Calculation Method:</b>   | Minimum Curvature       |
| <b>Wellbore:</b> | OH                                     |                                     |                         |
| <b>Design:</b>   | Plan 3 03-21-22                        |                                     |                         |

| 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                  |
| 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            | 54.25       | 2,099.99              | 0.51         | 0.71         | -0.44                   | 1.00                    | 1.00                   | 0.00                  |
| 2,200.00                             | 2.00            | 54.25       | 2,199.96              | 2.04         | 2.83         | -1.75                   | 1.00                    | 1.00                   | 0.00                  |
| 2,300.00                             | 3.00            | 54.25       | 2,299.86              | 4.59         | 6.37         | -3.94                   | 1.00                    | 1.00                   | 0.00                  |
| 2,400.00                             | 4.00            | 54.25       | 2,399.68              | 8.15         | 11.33        | -7.00                   | 1.00                    | 1.00                   | 0.00                  |
| 2,500.00                             | 5.00            | 54.25       | 2,499.37              | 12.74        | 17.70        | -10.94                  | 1.00                    | 1.00                   | 0.00                  |
| 2,600.00                             | 6.00            | 54.25       | 2,598.90              | 18.34        | 25.47        | -15.75                  | 1.00                    | 1.00                   | 0.00                  |
| 2,700.00                             | 7.00            | 54.25       | 2,698.26              | 24.95        | 34.66        | -21.43                  | 1.00                    | 1.00                   | 0.00                  |
| 2,800.00                             | 8.00            | 54.25       | 2,797.40              | 32.58        | 45.26        | -27.98                  | 1.00                    | 1.00                   | 0.00                  |
| 2,900.00                             | 9.00            | 54.25       | 2,896.30              | 41.21        | 57.25        | -35.40                  | 1.00                    | 1.00                   | 0.00                  |
| 3,000.00                             | 10.00           | 54.25       | 2,994.93              | 50.85        | 70.65        | -43.68                  | 1.00                    | 1.00                   | 0.00                  |
| <b>Hold 10.00° Inc at 54.25° Azm</b> |                 |             |                       |              |              |                         |                         |                        |                       |
| 3,100.00                             | 10.00           | 54.25       | 3,093.41              | 61.00        | 84.74        | -52.39                  | 0.00                    | 0.00                   | 0.00                  |
| 3,200.00                             | 10.00           | 54.25       | 3,191.89              | 71.14        | 98.83        | -61.10                  | 0.00                    | 0.00                   | 0.00                  |
| 3,300.00                             | 10.00           | 54.25       | 3,290.37              | 81.29        | 112.93       | -69.82                  | 0.00                    | 0.00                   | 0.00                  |
| 3,400.00                             | 10.00           | 54.25       | 3,388.85              | 91.43        | 127.02       | -78.53                  | 0.00                    | 0.00                   | 0.00                  |
| 3,500.00                             | 10.00           | 54.25       | 3,487.33              | 101.57       | 141.11       | -87.25                  | 0.00                    | 0.00                   | 0.00                  |
| 3,600.00                             | 10.00           | 54.25       | 3,585.82              | 111.72       | 155.21       | -95.96                  | 0.00                    | 0.00                   | 0.00                  |
| 3,700.00                             | 10.00           | 54.25       | 3,684.30              | 121.86       | 169.30       | -104.67                 | 0.00                    | 0.00                   | 0.00                  |
| 3,800.00                             | 10.00           | 54.25       | 3,782.78              | 132.01       | 183.39       | -113.39                 | 0.00                    | 0.00                   | 0.00                  |
| 3,900.00                             | 10.00           | 54.25       | 3,881.26              | 142.15       | 197.49       | -122.10                 | 0.00                    | 0.00                   | 0.00                  |
| 4,000.00                             | 10.00           | 54.25       | 3,979.74              | 152.30       | 211.58       | -130.81                 | 0.00                    | 0.00                   | 0.00                  |
| 4,100.00                             | 10.00           | 54.25       | 4,078.22              | 162.44       | 225.67       | -139.53                 | 0.00                    | 0.00                   | 0.00                  |
| 4,200.00                             | 10.00           | 54.25       | 4,176.70              | 172.59       | 239.77       | -148.24                 | 0.00                    | 0.00                   | 0.00                  |
| 4,300.00                             | 10.00           | 54.25       | 4,275.18              | 182.73       | 253.86       | -156.95                 | 0.00                    | 0.00                   | 0.00                  |
| 4,400.00                             | 10.00           | 54.25       | 4,373.66              | 192.88       | 267.95       | -165.67                 | 0.00                    | 0.00                   | 0.00                  |
| 4,500.00                             | 10.00           | 54.25       | 4,472.14              | 203.02       | 282.05       | -174.38                 | 0.00                    | 0.00                   | 0.00                  |
| 4,600.00                             | 10.00           | 54.25       | 4,570.62              | 213.17       | 296.14       | -183.09                 | 0.00                    | 0.00                   | 0.00                  |
| 4,700.00                             | 10.00           | 54.25       | 4,669.10              | 223.31       | 310.23       | -191.81                 | 0.00                    | 0.00                   | 0.00                  |
| 4,800.00                             | 10.00           | 54.25       | 4,767.58              | 233.45       | 324.33       | -200.52                 | 0.00                    | 0.00                   | 0.00                  |
| 4,900.00                             | 10.00           | 54.25       | 4,866.07              | 243.60       | 338.42       | -209.23                 | 0.00                    | 0.00                   | 0.00                  |
| 5,000.00                             | 10.00           | 54.25       | 4,964.55              | 253.74       | 352.51       | -217.95                 | 0.00                    | 0.00                   | 0.00                  |
| 5,100.00                             | 10.00           | 54.25       | 5,063.03              | 263.89       | 366.61       | -226.66                 | 0.00                    | 0.00                   | 0.00                  |
| 5,200.00                             | 10.00           | 54.25       | 5,161.51              | 274.03       | 380.70       | -235.37                 | 0.00                    | 0.00                   | 0.00                  |
| 5,272.54                             | 10.00           | 54.25       | 5,232.94              | 281.39       | 390.92       | -241.69                 | 0.00                    | 0.00                   | 0.00                  |
| <b>Begin 1.00°/100' Drop</b>         |                 |             |                       |              |              |                         |                         |                        |                       |
| 5,300.00                             | 9.73            | 54.25       | 5,260.00              | 284.14       | 394.74       | -244.05                 | 1.00                    | -1.00                  | 0.00                  |
| 5,400.00                             | 8.73            | 54.25       | 5,358.71              | 293.51       | 407.75       | -252.10                 | 1.00                    | -1.00                  | 0.00                  |
| 5,500.00                             | 7.73            | 54.25       | 5,457.68              | 301.86       | 419.37       | -259.28                 | 1.00                    | -1.00                  | 0.00                  |
| 5,600.00                             | 6.73            | 54.25       | 5,556.88              | 309.21       | 429.57       | -265.59                 | 1.00                    | -1.00                  | 0.00                  |
| 5,700.00                             | 5.73            | 54.25       | 5,656.29              | 315.55       | 438.37       | -271.03                 | 1.00                    | -1.00                  | 0.00                  |
| 5,800.00                             | 4.73            | 54.25       | 5,755.87              | 320.87       | 445.77       | -275.60                 | 1.00                    | -1.00                  | 0.00                  |
| 5,900.00                             | 3.73            | 54.25       | 5,855.60              | 325.17       | 451.74       | -279.30                 | 1.00                    | -1.00                  | 0.00                  |
| 6,000.00                             | 2.73            | 54.25       | 5,955.44              | 328.46       | 456.31       | -282.12                 | 1.00                    | -1.00                  | 0.00                  |
| 6,100.00                             | 1.73            | 54.25       | 6,055.36              | 330.73       | 459.46       | -284.07                 | 1.00                    | -1.00                  | 0.00                  |
| 6,200.00                             | 0.73            | 54.25       | 6,155.34              | 331.98       | 461.20       | -285.14                 | 1.00                    | -1.00                  | 0.00                  |
| 6,272.54                             | 0.00            | 0.00        | 6,227.87              | 332.24       | 461.57       | -285.37                 | 1.00                    | -1.00                  | 0.00                  |
| <b>Begin Vertical Hold</b>           |                 |             |                       |              |              |                         |                         |                        |                       |
| 6,300.00                             | 0.00            | 0.00        | 6,255.34              | 332.24       | 461.57       | -285.37                 | 0.00                    | 0.00                   | 0.00                  |
| 6,400.00                             | 0.00            | 0.00        | 6,355.34              | 332.24       | 461.57       | -285.37                 | 0.00                    | 0.00                   | 0.00                  |
| 6,500.00                             | 0.00            | 0.00        | 6,455.34              | 332.24       | 461.57       | -285.37                 | 0.00                    | 0.00                   | 0.00                  |



## Planning Report



|                  |                                        |                                     |                         |
|------------------|----------------------------------------|-------------------------------------|-------------------------|
| <b>Database:</b> | USA Compass                            | <b>Local Co-ordinate Reference:</b> | Well 302H               |
| <b>Company:</b>  | Centennial Resources Development, Inc. | <b>TVD Reference:</b>               | RKB @ 3556.80usft (TBD) |
| <b>Project:</b>  | Lea County, NM (NAD83 - UTM Zone 13)   | <b>MD Reference:</b>                | RKB @ 3556.80usft (TBD) |
| <b>Site:</b>     | Raider Federal Com                     | <b>North Reference:</b>             | True                    |
| <b>Well:</b>     | 302H                                   | <b>Survey Calculation Method:</b>   | Minimum Curvature       |
| <b>Wellbore:</b> | OH                                     |                                     |                         |
| <b>Design:</b>   | Plan 3 03-21-22                        |                                     |                         |

| 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) |
| 6,600.00                                  | 0.00            | 0.00        | 6,555.34              | 332.24       | 461.57       | -285.37                 | 0.00                    | 0.00                   | 0.00                  |
| 6,700.00                                  | 0.00            | 0.00        | 6,655.34              | 332.24       | 461.57       | -285.37                 | 0.00                    | 0.00                   | 0.00                  |
| 6,800.00                                  | 0.00            | 0.00        | 6,755.34              | 332.24       | 461.57       | -285.37                 | 0.00                    | 0.00                   | 0.00                  |
| 6,900.00                                  | 0.00            | 0.00        | 6,855.34              | 332.24       | 461.57       | -285.37                 | 0.00                    | 0.00                   | 0.00                  |
| 7,000.00                                  | 0.00            | 0.00        | 6,955.34              | 332.24       | 461.57       | -285.37                 | 0.00                    | 0.00                   | 0.00                  |
| 7,100.00                                  | 0.00            | 0.00        | 7,055.34              | 332.24       | 461.57       | -285.37                 | 0.00                    | 0.00                   | 0.00                  |
| 7,200.00                                  | 0.00            | 0.00        | 7,155.34              | 332.24       | 461.57       | -285.37                 | 0.00                    | 0.00                   | 0.00                  |
| 7,300.00                                  | 0.00            | 0.00        | 7,255.34              | 332.24       | 461.57       | -285.37                 | 0.00                    | 0.00                   | 0.00                  |
| 7,400.00                                  | 0.00            | 0.00        | 7,355.34              | 332.24       | 461.57       | -285.37                 | 0.00                    | 0.00                   | 0.00                  |
| 7,500.00                                  | 0.00            | 0.00        | 7,455.34              | 332.24       | 461.57       | -285.37                 | 0.00                    | 0.00                   | 0.00                  |
| 7,600.00                                  | 0.00            | 0.00        | 7,555.34              | 332.24       | 461.57       | -285.37                 | 0.00                    | 0.00                   | 0.00                  |
| 7,700.00                                  | 0.00            | 0.00        | 7,655.34              | 332.24       | 461.57       | -285.37                 | 0.00                    | 0.00                   | 0.00                  |
| 7,800.00                                  | 0.00            | 0.00        | 7,755.34              | 332.24       | 461.57       | -285.37                 | 0.00                    | 0.00                   | 0.00                  |
| 7,900.00                                  | 0.00            | 0.00        | 7,855.34              | 332.24       | 461.57       | -285.37                 | 0.00                    | 0.00                   | 0.00                  |
| 8,000.00                                  | 0.00            | 0.00        | 7,955.34              | 332.24       | 461.57       | -285.37                 | 0.00                    | 0.00                   | 0.00                  |
| 8,100.00                                  | 0.00            | 0.00        | 8,055.34              | 332.24       | 461.57       | -285.37                 | 0.00                    | 0.00                   | 0.00                  |
| 8,200.00                                  | 0.00            | 0.00        | 8,155.34              | 332.24       | 461.57       | -285.37                 | 0.00                    | 0.00                   | 0.00                  |
| 8,300.00                                  | 0.00            | 0.00        | 8,255.34              | 332.24       | 461.57       | -285.37                 | 0.00                    | 0.00                   | 0.00                  |
| 8,400.00                                  | 0.00            | 0.00        | 8,355.34              | 332.24       | 461.57       | -285.37                 | 0.00                    | 0.00                   | 0.00                  |
| 8,500.00                                  | 0.00            | 0.00        | 8,455.34              | 332.24       | 461.57       | -285.37                 | 0.00                    | 0.00                   | 0.00                  |
| 8,600.00                                  | 0.00            | 0.00        | 8,555.34              | 332.24       | 461.57       | -285.37                 | 0.00                    | 0.00                   | 0.00                  |
| 8,700.00                                  | 0.00            | 0.00        | 8,655.34              | 332.24       | 461.57       | -285.37                 | 0.00                    | 0.00                   | 0.00                  |
| 8,800.00                                  | 0.00            | 0.00        | 8,755.34              | 332.24       | 461.57       | -285.37                 | 0.00                    | 0.00                   | 0.00                  |
| 8,900.00                                  | 0.00            | 0.00        | 8,855.34              | 332.24       | 461.57       | -285.37                 | 0.00                    | 0.00                   | 0.00                  |
| 9,000.00                                  | 0.00            | 0.00        | 8,955.34              | 332.24       | 461.57       | -285.37                 | 0.00                    | 0.00                   | 0.00                  |
| 9,100.00                                  | 0.00            | 0.00        | 9,055.34              | 332.24       | 461.57       | -285.37                 | 0.00                    | 0.00                   | 0.00                  |
| 9,200.00                                  | 0.00            | 0.00        | 9,155.34              | 332.24       | 461.57       | -285.37                 | 0.00                    | 0.00                   | 0.00                  |
| 9,300.00                                  | 0.00            | 0.00        | 9,255.34              | 332.24       | 461.57       | -285.37                 | 0.00                    | 0.00                   | 0.00                  |
| 9,400.00                                  | 0.00            | 0.00        | 9,355.34              | 332.24       | 461.57       | -285.37                 | 0.00                    | 0.00                   | 0.00                  |
| 9,500.00                                  | 0.00            | 0.00        | 9,455.34              | 332.24       | 461.57       | -285.37                 | 0.00                    | 0.00                   | 0.00                  |
| 9,600.00                                  | 0.00            | 0.00        | 9,555.34              | 332.24       | 461.57       | -285.37                 | 0.00                    | 0.00                   | 0.00                  |
| 9,700.00                                  | 0.00            | 0.00        | 9,655.34              | 332.24       | 461.57       | -285.37                 | 0.00                    | 0.00                   | 0.00                  |
| 9,800.00                                  | 0.00            | 0.00        | 9,755.34              | 332.24       | 461.57       | -285.37                 | 0.00                    | 0.00                   | 0.00                  |
| 9,867.20                                  | 0.00            | 0.00        | 9,822.54              | 332.24       | 461.57       | -285.37                 | 0.00                    | 0.00                   | 0.00                  |
| <b>KOP2, Begin 12.00°/100' Build</b>      |                 |             |                       |              |              |                         |                         |                        |                       |
| 9,900.00                                  | 3.94            | 179.93      | 9,855.31              | 331.12       | 461.57       | -284.25                 | 12.00                   | 12.00                  | 0.00                  |
| 10,000.00                                 | 15.94           | 179.93      | 9,953.63              | 313.89       | 461.59       | -267.11                 | 12.00                   | 12.00                  | 0.00                  |
| 10,100.00                                 | 27.94           | 179.93      | 10,046.22             | 276.61       | 461.64       | -230.00                 | 12.00                   | 12.00                  | 0.00                  |
| 10,200.00                                 | 39.94           | 179.93      | 10,129.04             | 220.88       | 461.70       | -174.53                 | 12.00                   | 12.00                  | 0.00                  |
| 10,300.00                                 | 51.94           | 179.93      | 10,198.46             | 149.16       | 461.79       | -103.15                 | 12.00                   | 12.00                  | 0.00                  |
| 10,400.00                                 | 63.94           | 179.93      | 10,251.45             | 64.57        | 461.89       | -18.95                  | 12.00                   | 12.00                  | 0.00                  |
| 10,500.00                                 | 75.94           | 179.93      | 10,285.69             | -29.19       | 462.00       | 74.36                   | 12.00                   | 12.00                  | 0.00                  |
| 10,600.00                                 | 87.94           | 179.93      | 10,299.70             | -128.02      | 462.12       | 172.73                  | 12.00                   | 12.00                  | 0.00                  |
| 10,617.20                                 | 90.00           | 179.93      | 10,300.01             | -145.22      | 462.14       | 189.85                  | 12.00                   | 12.00                  | 0.00                  |
| <b>LP, Hold 90.00° Inc at 179.93° Azm</b> |                 |             |                       |              |              |                         |                         |                        |                       |
| 10,700.00                                 | 90.00           | 179.93      | 10,300.01             | -228.02      | 462.24       | 272.25                  | 0.00                    | 0.00                   | 0.00                  |
| 10,800.00                                 | 90.00           | 179.93      | 10,300.01             | -328.02      | 462.36       | 371.78                  | 0.00                    | 0.00                   | 0.00                  |
| 10,900.00                                 | 90.00           | 179.93      | 10,300.01             | -428.02      | 462.48       | 471.31                  | 0.00                    | 0.00                   | 0.00                  |
| 11,000.00                                 | 90.00           | 179.93      | 10,300.01             | -528.02      | 462.60       | 570.84                  | 0.00                    | 0.00                   | 0.00                  |
| 11,100.00                                 | 90.00           | 179.93      | 10,300.01             | -628.02      | 462.72       | 670.37                  | 0.00                    | 0.00                   | 0.00                  |
| 11,200.00                                 | 90.00           | 179.93      | 10,300.01             | -728.02      | 462.84       | 769.90                  | 0.00                    | 0.00                   | 0.00                  |
| 11,300.00                                 | 90.00           | 179.93      | 10,300.01             | -828.02      | 462.96       | 869.43                  | 0.00                    | 0.00                   | 0.00                  |
| 11,400.00                                 | 90.00           | 179.93      | 10,300.01             | -928.02      | 463.08       | 968.96                  | 0.00                    | 0.00                   | 0.00                  |



## Planning Report



|                  |                                        |                                     |                         |
|------------------|----------------------------------------|-------------------------------------|-------------------------|
| <b>Database:</b> | USA Compass                            | <b>Local Co-ordinate Reference:</b> | Well 302H               |
| <b>Company:</b>  | Centennial Resources Development, Inc. | <b>TVD Reference:</b>               | RKB @ 3556.80usft (TBD) |
| <b>Project:</b>  | Lea County, NM (NAD83 - UTM Zone 13)   | <b>MD Reference:</b>                | RKB @ 3556.80usft (TBD) |
| <b>Site:</b>     | Raider Federal Com                     | <b>North Reference:</b>             | True                    |
| <b>Well:</b>     | 302H                                   | <b>Survey Calculation Method:</b>   | Minimum Curvature       |
| <b>Wellbore:</b> | OH                                     |                                     |                         |
| <b>Design:</b>   | Plan 3 03-21-22                        |                                     |                         |

| 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) |  |
| 11,500.00             | 90.00           | 179.93      | 10,300.01             | -1,028.02    | 463.20       | 1,068.49                | 0.00                    | 0.00                   | 0.00                  |  |
| 11,600.00             | 90.00           | 179.93      | 10,300.01             | -1,128.02    | 463.32       | 1,168.02                | 0.00                    | 0.00                   | 0.00                  |  |
| 11,700.00             | 90.00           | 179.93      | 10,300.01             | -1,228.02    | 463.44       | 1,267.55                | 0.00                    | 0.00                   | 0.00                  |  |
| 11,800.00             | 90.00           | 179.93      | 10,300.01             | -1,328.02    | 463.57       | 1,367.08                | 0.00                    | 0.00                   | 0.00                  |  |
| 11,900.00             | 90.00           | 179.93      | 10,300.01             | -1,428.02    | 463.69       | 1,466.61                | 0.00                    | 0.00                   | 0.00                  |  |
| 12,000.00             | 90.00           | 179.93      | 10,300.01             | -1,528.02    | 463.81       | 1,566.14                | 0.00                    | 0.00                   | 0.00                  |  |
| 12,100.00             | 90.00           | 179.93      | 10,300.01             | -1,628.02    | 463.93       | 1,665.67                | 0.00                    | 0.00                   | 0.00                  |  |
| 12,200.00             | 90.00           | 179.93      | 10,300.01             | -1,728.02    | 464.05       | 1,765.20                | 0.00                    | 0.00                   | 0.00                  |  |
| 12,300.00             | 90.00           | 179.93      | 10,300.01             | -1,828.02    | 464.17       | 1,864.73                | 0.00                    | 0.00                   | 0.00                  |  |
| 12,400.00             | 90.00           | 179.93      | 10,300.01             | -1,928.02    | 464.29       | 1,964.26                | 0.00                    | 0.00                   | 0.00                  |  |
| 12,500.00             | 90.00           | 179.93      | 10,300.01             | -2,028.02    | 464.41       | 2,063.79                | 0.00                    | 0.00                   | 0.00                  |  |
| 12,600.00             | 90.00           | 179.93      | 10,300.01             | -2,128.02    | 464.53       | 2,163.32                | 0.00                    | 0.00                   | 0.00                  |  |
| 12,700.00             | 90.00           | 179.93      | 10,300.01             | -2,228.02    | 464.65       | 2,262.85                | 0.00                    | 0.00                   | 0.00                  |  |
| 12,800.00             | 90.00           | 179.93      | 10,300.01             | -2,328.02    | 464.77       | 2,362.38                | 0.00                    | 0.00                   | 0.00                  |  |
| 12,900.00             | 90.00           | 179.93      | 10,300.01             | -2,428.02    | 464.89       | 2,461.91                | 0.00                    | 0.00                   | 0.00                  |  |
| 13,000.00             | 90.00           | 179.93      | 10,300.01             | -2,528.02    | 465.01       | 2,561.43                | 0.00                    | 0.00                   | 0.00                  |  |
| 13,100.00             | 90.00           | 179.93      | 10,300.01             | -2,628.02    | 465.13       | 2,660.96                | 0.00                    | 0.00                   | 0.00                  |  |
| 13,200.00             | 90.00           | 179.93      | 10,300.01             | -2,728.02    | 465.25       | 2,760.49                | 0.00                    | 0.00                   | 0.00                  |  |
| 13,300.00             | 90.00           | 179.93      | 10,300.01             | -2,828.02    | 465.37       | 2,860.02                | 0.00                    | 0.00                   | 0.00                  |  |
| 13,400.00             | 90.00           | 179.93      | 10,300.01             | -2,928.02    | 465.49       | 2,959.55                | 0.00                    | 0.00                   | 0.00                  |  |
| 13,500.00             | 90.00           | 179.93      | 10,300.01             | -3,028.02    | 465.61       | 3,059.08                | 0.00                    | 0.00                   | 0.00                  |  |
| 13,600.00             | 90.00           | 179.93      | 10,300.01             | -3,128.02    | 465.73       | 3,158.61                | 0.00                    | 0.00                   | 0.00                  |  |
| 13,700.00             | 90.00           | 179.93      | 10,300.01             | -3,228.02    | 465.85       | 3,258.14                | 0.00                    | 0.00                   | 0.00                  |  |
| 13,800.00             | 90.00           | 179.93      | 10,300.01             | -3,328.02    | 465.97       | 3,357.67                | 0.00                    | 0.00                   | 0.00                  |  |
| 13,900.00             | 90.00           | 179.93      | 10,300.01             | -3,428.02    | 466.09       | 3,457.20                | 0.00                    | 0.00                   | 0.00                  |  |
| 14,000.00             | 90.00           | 179.93      | 10,300.01             | -3,528.02    | 466.21       | 3,556.73                | 0.00                    | 0.00                   | 0.00                  |  |
| 14,100.00             | 90.00           | 179.93      | 10,300.01             | -3,628.02    | 466.33       | 3,656.26                | 0.00                    | 0.00                   | 0.00                  |  |
| 14,200.00             | 90.00           | 179.93      | 10,300.01             | -3,728.02    | 466.45       | 3,755.79                | 0.00                    | 0.00                   | 0.00                  |  |
| 14,300.00             | 90.00           | 179.93      | 10,300.01             | -3,828.02    | 466.57       | 3,855.32                | 0.00                    | 0.00                   | 0.00                  |  |
| 14,400.00             | 90.00           | 179.93      | 10,300.01             | -3,928.02    | 466.69       | 3,954.85                | 0.00                    | 0.00                   | 0.00                  |  |
| 14,500.00             | 90.00           | 179.93      | 10,300.01             | -4,028.01    | 466.81       | 4,054.38                | 0.00                    | 0.00                   | 0.00                  |  |
| 14,600.00             | 90.00           | 179.93      | 10,300.01             | -4,128.01    | 466.93       | 4,153.91                | 0.00                    | 0.00                   | 0.00                  |  |
| 14,700.00             | 90.00           | 179.93      | 10,300.01             | -4,228.01    | 467.05       | 4,253.44                | 0.00                    | 0.00                   | 0.00                  |  |
| 14,800.00             | 90.00           | 179.93      | 10,300.01             | -4,328.01    | 467.17       | 4,352.97                | 0.00                    | 0.00                   | 0.00                  |  |
| 14,900.00             | 90.00           | 179.93      | 10,300.01             | -4,428.01    | 467.29       | 4,452.50                | 0.00                    | 0.00                   | 0.00                  |  |
| 15,000.00             | 90.00           | 179.93      | 10,300.01             | -4,528.01    | 467.41       | 4,552.03                | 0.00                    | 0.00                   | 0.00                  |  |
| 15,100.00             | 90.00           | 179.93      | 10,300.01             | -4,628.01    | 467.53       | 4,651.56                | 0.00                    | 0.00                   | 0.00                  |  |
| 15,200.00             | 90.00           | 179.93      | 10,300.01             | -4,728.01    | 467.65       | 4,751.09                | 0.00                    | 0.00                   | 0.00                  |  |
| 15,217.33             | 90.00           | 179.93      | 10,300.01             | -4,745.35    | 467.67       | 4,768.34                | 0.00                    | 0.00                   | 0.00                  |  |
| TD at 15217.33        |                 |             |                       |              |              |                         |                         |                        |                       |  |

| Design Targets                                                                                  |               |              |            |              |              |                 |                |                     |                    |  |
|-------------------------------------------------------------------------------------------------|---------------|--------------|------------|--------------|--------------|-----------------|----------------|---------------------|--------------------|--|
| Target Name                                                                                     | Dip Angle (°) | Dip Dir. (°) | TVD (usft) | +N/-S (usft) | +E/-W (usft) | Northing (usft) | Easting (usft) | Latitude            | Longitude          |  |
| FTPv2 - Raider Feder                                                                            | 0.00          | 0.00         | 10,300.00  | 332.24       | 461.57       | 11,695,328.16   | 2,113,798.76   | 12° 12' 36.080455 N | 03° 28' 8.432345 W |  |
| - plan misses target center by 197.81usft at 10238.95usft MD (10157.85 TVD, 194.69 N, 461.74 E) |               |              |            |              |              |                 |                |                     |                    |  |
| - Point                                                                                         |               |              |            |              |              |                 |                |                     |                    |  |
| BHLv3 - Raider Feder                                                                            | 0.00          | 179.93       | 10,300.01  | -4,745.35    | 467.67       | 11,690,251.90   | 2,113,877.11   | 12° 11' 45.836712 N | 03° 28' 8.361982 W |  |
| - plan hits target center                                                                       |               |              |            |              |              |                 |                |                     |                    |  |
| - Rectangle (sides W0.00 H5,077.59 D20.00)                                                      |               |              |            |              |              |                 |                |                     |                    |  |



## Planning Report



|                  |                                        |                                     |                         |
|------------------|----------------------------------------|-------------------------------------|-------------------------|
| <b>Database:</b> | USA Compass                            | <b>Local Co-ordinate Reference:</b> | Well 302H               |
| <b>Company:</b>  | Centennial Resources Development, Inc. | <b>TVD Reference:</b>               | RKB @ 3556.80usft (TBD) |
| <b>Project:</b>  | Lea County, NM (NAD83 - UTM Zone 13)   | <b>MD Reference:</b>                | RKB @ 3556.80usft (TBD) |
| <b>Site:</b>     | Raider Federal Com                     | <b>North Reference:</b>             | True                    |
| <b>Well:</b>     | 302H                                   | <b>Survey Calculation Method:</b>   | Minimum Curvature       |
| <b>Wellbore:</b> | OH                                     |                                     |                         |
| <b>Design:</b>   | Plan 3 03-21-22                        |                                     |                         |

| Plan Annotations      |                       |                   |              |                                    |
|-----------------------|-----------------------|-------------------|--------------|------------------------------------|
| Measured Depth (usft) | Vertical Depth (usft) | Local Coordinates |              | Comment                            |
|                       |                       | +N/-S (usft)      | +E/-W (usft) |                                    |
| 2,000.00              | 2,000.00              | 0.00              | 0.00         | KOP, Begin 1.00°/100' Build        |
| 3,000.00              | 2,994.93              | 50.85             | 70.65        | Hold 10.00° Inc at 54.25° Azm      |
| 5,272.54              | 5,232.94              | 281.39            | 390.92       | Begin 1.00°/100' Drop              |
| 6,272.54              | 6,227.87              | 332.24            | 461.57       | Begin Vertical Hold                |
| 9,867.20              | 9,822.54              | 332.24            | 461.57       | KOP2, Begin 12.00°/100' Build      |
| 10,617.20             | 10,300.01             | -145.22           | 462.14       | LP, Hold 90.00° Inc at 179.93° Azm |
| 15,217.33             | 10,300.01             | -4,745.35         | 467.67       | TD at 15217.33                     |

**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 133056

CONDITIONS

|                                                                                                      |                                                      |
|------------------------------------------------------------------------------------------------------|------------------------------------------------------|
| Operator:<br>CENTENNIAL RESOURCE PRODUCTION, LLC<br>1001 17th Street, Suite 1800<br>Denver, CO 80202 | OGRID:<br>372165                                     |
|                                                                                                      | Action Number:<br>133056                             |
|                                                                                                      | Action Type:<br>[C-103] NOI Change of Plans (C-103A) |

CONDITIONS

|            |           |                |
|------------|-----------|----------------|
| Created By | Condition | Condition Date |
| pkautz     | None      | 8/12/2022      |