

Submit a Copy To Appropriate District Office  
 District I – (575) 393-6161  
 1625 N. French Dr., Hobbs, NM 88240  
 District II – (575) 748-1283  
 811 S. First St., Artesia, NM 88210  
 District III – (505) 334-6178  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 District IV – (505) 476-3460  
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
 Energy, Minerals and Natural Resources

Form C-103  
 Revised July 18, 2013

OIL CONSERVATION DIVISION  
 1220 South St. Francis Dr.  
 Santa Fe, NM 87505

|                                                                                                     |
|-----------------------------------------------------------------------------------------------------|
| WELL API NO.<br><b>30-025-49035</b>                                                                 |
| 5. Indicate Type of Lease<br>STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |
| 6. State Oil & Gas Lease No.                                                                        |
| 7. Lease Name or Unit Agreement Name<br><b>Gordita 6 State Com</b>                                  |
| 8. Well Number <b>602H</b>                                                                          |
| 9. OGRID Number <b>372165</b>                                                                       |
| 10. Pool name or Wildcat<br><b>Ojo Chiso; Bone Spring</b>                                           |
| 11. Elevation (Show whether DR, RKB, RT, GR, etc.)<br><b>3626 GL</b>                                |

|                                                                                                                                                                                                                      |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| SUNDRY NOTICES AND REPORTS ON WELLS<br>(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)               |  |
| 1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>                                                                                       |  |
| 2. Name of Operator<br><b>CENTENNIAL RESOURCE PRODUCTION, LLC</b>                                                                                                                                                    |  |
| 3. Address of Operator<br><b>1001 17TH ST SUITE 1800 DENVER, CO 80202</b>                                                                                                                                            |  |
| 4. Well Location<br>Unit Letter <b>N</b> : <b>275</b> feet from the <b>South</b> line and <b>1350</b> feet from the <b>West</b> line<br>Section <b>6</b> Township <b>22S</b> Range <b>35E</b> NMPM County <b>Lea</b> |  |
| 11. Elevation (Show whether DR, RKB, RT, GR, etc.)<br><b>3626 GL</b>                                                                                                                                                 |  |

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

|                                                              |                                           |                                                  |                                          |
|--------------------------------------------------------------|-------------------------------------------|--------------------------------------------------|------------------------------------------|
| NOTICE OF INTENTION TO:                                      |                                           | SUBSEQUENT REPORT OF:                            |                                          |
| PERFORM REMEDIAL WORK <input type="checkbox"/>               | PLUG AND ABANDON <input type="checkbox"/> | REMEDIAL WORK <input type="checkbox"/>           | ALTERING CASING <input type="checkbox"/> |
| TEMPORARILY ABANDON <input type="checkbox"/>                 | CHANGE PLANS <input type="checkbox"/>     | COMMENCE DRILLING OPNS. <input type="checkbox"/> | P AND A <input type="checkbox"/>         |
| PULL OR ALTER CASING <input type="checkbox"/>                | MULTIPLE COMPL <input type="checkbox"/>   | CASING/CEMENT JOB <input type="checkbox"/>       |                                          |
| DOWNHOLE COMMINGLE <input type="checkbox"/>                  |                                           |                                                  |                                          |
| CLOSED-LOOP SYSTEM <input type="checkbox"/>                  |                                           |                                                  |                                          |
| OTHER: <b>BHL Change</b> <input checked="" type="checkbox"/> |                                           | OTHER: <input type="checkbox"/>                  |                                          |

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Centennial Resource Production, LLC respectfully requests to update the BHL of the subject well, please see below:

Permitted BHL: 100 FSL & 1526 FWL  
 Drilled BHL: 102 FSL & 1367 FWL.

Updated directional survey and well plat is attached to reflect this change.

Spud Date:

04/05/22

Rig Release Date:

04/27/22

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE  TITLE **Sr. Regulatory Analyst** DATE **5/18/22**

Type or print name **Meghan Twele** E-mail address: **meghan.twele@cdevinc.com** PHONE: **720-499-1531**

**For State Use Only**

APPROVED BY: \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

Conditions of Approval (if any):

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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>30-025-49035 | <sup>2</sup> Pool Code<br>96553                                   | <sup>3</sup> Pool Name<br>Ojo Chiso; Bone Spring |
| <sup>4</sup> Property Code<br>331004    | <sup>5</sup> Property Name<br>GORDITA 6 STATE COM                 | <sup>6</sup> Well Number<br>602H                 |
| <sup>7</sup> OGRID No.<br>372165        | <sup>8</sup> Operator Name<br>CENTENNIAL RESOURCE PRODUCTION, LLC | <sup>9</sup> Elevation<br>3626.6'                |

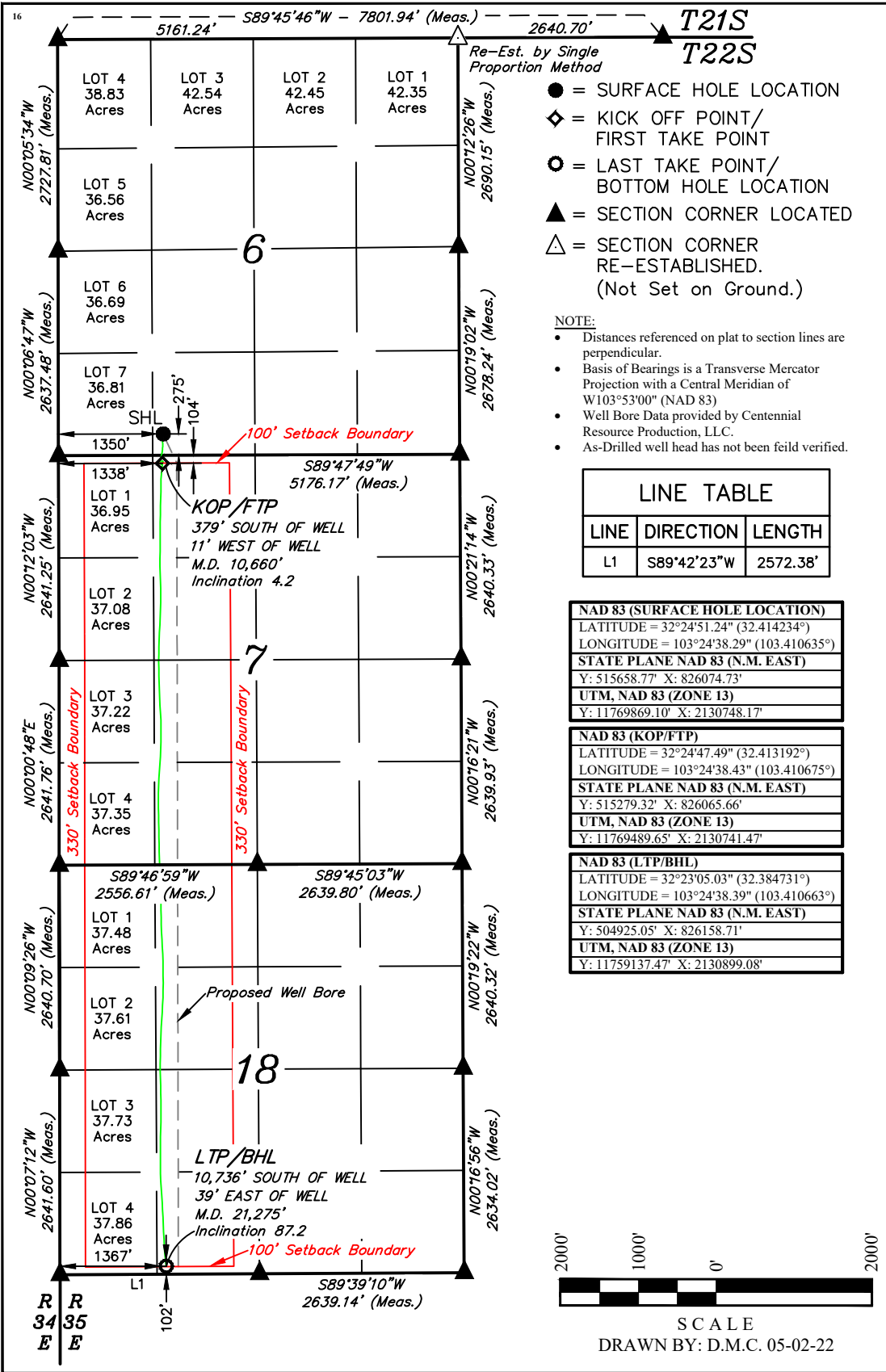
<sup>10</sup> Surface Location

|                    |              |                 |              |         |                      |                           |                       |                        |               |
|--------------------|--------------|-----------------|--------------|---------|----------------------|---------------------------|-----------------------|------------------------|---------------|
| UL or lot no.<br>N | Section<br>6 | Township<br>22S | Range<br>35E | Lot Idn | Feet from the<br>275 | North/South line<br>SOUTH | Feet from the<br>1350 | East/West line<br>WEST | County<br>LEA |
|--------------------|--------------|-----------------|--------------|---------|----------------------|---------------------------|-----------------------|------------------------|---------------|

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

|                                         |                               |                                  |                         |         |                      |                           |                       |                        |               |
|-----------------------------------------|-------------------------------|----------------------------------|-------------------------|---------|----------------------|---------------------------|-----------------------|------------------------|---------------|
| UL or lot no.<br>N                      | Section<br>18                 | Township<br>22S                  | Range<br>35E            | Lot Idn | Feet from the<br>102 | North/South line<br>SOUTH | Feet from the<br>1367 | East/West line<br>WEST | County<br>LEA |
| <sup>12</sup> Dedicated Acres<br>619.28 | <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.



**<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.

February 26, 2021

Date of Survey

Signature and Seal of Professional Surveyor:

**PAUL BUCHELE**  
NEW MEXICO  
23782  
05-02-22  
PROFESSIONAL SURVEYOR

Certificate Number:



# **Centennial Resources Development, Inc.**

**Lea County, NM (NAD83 - UTM Zone 13)  
Gordita 6 State Com  
602H**

**OH / 69542**

**Survey: Phoenix MWD Surveys**

## **Standard Survey Report**

**27 April, 2022**





## Survey Report



|                  |                                        |                                     |                             |
|------------------|----------------------------------------|-------------------------------------|-----------------------------|
| <b>Company:</b>  | Centennial Resources Development, Inc. | <b>Local Co-ordinate Reference:</b> | Well 602H                   |
| <b>Project:</b>  | Lea County, NM (NAD83 - UTM Zone 13)   | <b>TVD Reference:</b>               | RKB @ 3652.60usft (H&P 313) |
| <b>Site:</b>     | Gordita 6 State Com                    | <b>MD Reference:</b>                | RKB @ 3652.60usft (H&P 313) |
| <b>Well:</b>     | 602H                                   | <b>North Reference:</b>             | True                        |
| <b>Wellbore:</b> | OH / 69542                             | <b>Survey Calculation Method:</b>   | Minimum Curvature           |
| <b>Design:</b>   | Surveys (H&P 313)                      | <b>Database:</b>                    | USA Compass                 |

|                    |                                              |                             |                |
|--------------------|----------------------------------------------|-----------------------------|----------------|
| <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 |                |

|                              |                     |                          |                      |
|------------------------------|---------------------|--------------------------|----------------------|
| <b>Site</b>                  | Gordita 6 State Com |                          |                      |
| <b>Site Position:</b>        |                     | <b>Northing:</b>         | 11,769,868.76 usft   |
| <b>From:</b>                 | Map                 | <b>Easting:</b>          | 2,130,718.18 usft    |
| <b>Position Uncertainty:</b> | 0.00 usft           | <b>Slot Radius:</b>      | 13-3/16 "            |
|                              |                     | <b>Latitude:</b>         | 32° 24' 51.244931 N  |
|                              |                     | <b>Longitude:</b>        | 103° 24' 38.637303 W |
|                              |                     | <b>Grid Convergence:</b> | 0.852 °              |

|                             |              |                            |                                     |
|-----------------------------|--------------|----------------------------|-------------------------------------|
| <b>Well</b>                 | 602H         |                            |                                     |
| <b>Well Position</b>        | <b>+N/-S</b> | 0.00 usft                  | <b>Northing:</b> 11,769,869.10 usft |
|                             | <b>+E/-W</b> | 0.00 usft                  | <b>Easting:</b> 2,130,748.17 usft   |
| <b>Position Uncertainty</b> | 1.00 usft    | <b>Wellhead Elevation:</b> | usft                                |
|                             |              | <b>Latitude:</b>           | 32° 24' 51.243882 N                 |
|                             |              | <b>Longitude:</b>          | 103° 24' 38.287404 W                |
|                             |              | <b>Ground Level:</b>       | 3,626.60 usft                       |

|                  |                   |                    |                                            |
|------------------|-------------------|--------------------|--------------------------------------------|
| <b>Wellbore</b>  | OH / 69542        |                    |                                            |
| <b>Magnetics</b> | <b>Model Name</b> | <b>Sample Date</b> | <b>Declination (°)</b>                     |
|                  | MVHD              | 5/31/2022          | 6.393                                      |
|                  |                   |                    | <b>Dip Angle (°)</b> 60.092                |
|                  |                   |                    | <b>Field Strength (nT)</b> 47,761.11513986 |

|                          |                                |                      |                             |
|--------------------------|--------------------------------|----------------------|-----------------------------|
| <b>Design</b>            | Surveys (H&P 313)              |                      |                             |
| <b>Audit Notes:</b>      |                                |                      |                             |
| <b>Version:</b>          | 1.0                            | <b>Phase:</b>        | ACTUAL                      |
|                          |                                | <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>         |
|                          | 0.00                           | 0.00                 | 0.00                        |
|                          |                                |                      | <b>Direction (°)</b> 180.30 |

|                       |                  |                                  |                  |                                            |
|-----------------------|------------------|----------------------------------|------------------|--------------------------------------------|
| <b>Survey Program</b> | <b>Date</b>      | 4/27/2022                        |                  |                                            |
| <b>From (usft)</b>    | <b>To (usft)</b> | <b>Survey (Wellbore)</b>         | <b>Tool Name</b> | <b>Description</b>                         |
| 183.00                | 21,275.00        | Phoenix MWD Surveys (OH / 69542) | MWD+IFR1+MS      | OWSG MWD + IFR1 + Multi-Station Correction |

|                                 |                        |                    |                              |                     |                     |                                |                                |                               |                              |
|---------------------------------|------------------------|--------------------|------------------------------|---------------------|---------------------|--------------------------------|--------------------------------|-------------------------------|------------------------------|
| <b>Survey</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>Vertical Section (usft)</b> | <b>Dogleg Rate (°/100usft)</b> | <b>Build Rate (°/100usft)</b> | <b>Turn Rate (°/100usft)</b> |
| 0.00                            | 0.00                   | 0.00               | 0.00                         | 0.00                | 0.00                | 0.00                           | 0.00                           | 0.00                          | 0.00                         |
| 183.00                          | 0.42                   | 342.43             | 183.00                       | 0.64                | -0.20               | -0.64                          | 0.23                           | 0.23                          | 0.00                         |
| <b>First Phoenix MWD Survey</b> |                        |                    |                              |                     |                     |                                |                                |                               |                              |
| 269.00                          | 0.34                   | 352.09             | 269.00                       | 1.19                | -0.33               | -1.19                          | 0.12                           | -0.09                         | 11.23                        |
| 353.00                          | 0.48                   | 35.23              | 352.99                       | 1.73                | -0.16               | -1.73                          | 0.39                           | 0.17                          | 51.36                        |
| 439.00                          | 0.56                   | 2.88               | 438.99                       | 2.44                | 0.06                | -2.44                          | 0.35                           | 0.09                          | -37.62                       |
| 526.00                          | 0.33                   | 332.92             | 525.99                       | 3.09                | -0.03               | -3.09                          | 0.37                           | -0.26                         | -34.44                       |
| 612.00                          | 0.41                   | 328.35             | 611.99                       | 3.57                | -0.30               | -3.57                          | 0.10                           | 0.09                          | -5.31                        |
| 712.00                          | 0.42                   | 1.04               | 711.98                       | 4.24                | -0.48               | -4.24                          | 0.23                           | 0.01                          | 32.69                        |
| 806.00                          | 0.57                   | 344.43             | 805.98                       | 5.04                | -0.60               | -5.03                          | 0.22                           | 0.16                          | -17.67                       |
| 901.00                          | 0.26                   | 10.83              | 900.98                       | 5.70                | -0.69               | -5.70                          | 0.38                           | -0.33                         | 27.79                        |



## Survey Report



|                  |                                        |                                     |                             |
|------------------|----------------------------------------|-------------------------------------|-----------------------------|
| <b>Company:</b>  | Centennial Resources Development, Inc. | <b>Local Co-ordinate Reference:</b> | Well 602H                   |
| <b>Project:</b>  | Lea County, NM (NAD83 - UTM Zone 13)   | <b>TVD Reference:</b>               | RKB @ 3652.60usft (H&P 313) |
| <b>Site:</b>     | Gordita 6 State Com                    | <b>MD Reference:</b>                | RKB @ 3652.60usft (H&P 313) |
| <b>Well:</b>     | 602H                                   | <b>North Reference:</b>             | True                        |
| <b>Wellbore:</b> | OH / 69542                             | <b>Survey Calculation Method:</b>   | Minimum Curvature           |
| <b>Design:</b>   | Surveys (H&P 313)                      | <b>Database:</b>                    | USA Compass                 |

## 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) |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 996.00                | 0.28            | 343.76      | 995.98                | 6.14         | -0.71        | -6.13                   | 0.13                    | 0.02                   | -28.49                |
| 1,090.00              | 0.39            | 40.49       | 1,089.98              | 6.60         | -0.57        | -6.60                   | 0.35                    | 0.12                   | 60.35                 |
| 1,185.00              | 0.27            | 28.11       | 1,184.97              | 7.05         | -0.25        | -7.04                   | 0.15                    | -0.13                  | -13.03                |
| 1,374.00              | 0.16            | 315.85      | 1,373.97              | 7.63         | -0.23        | -7.63                   | 0.14                    | -0.06                  | -38.23                |
| 1,468.00              | 0.27            | 48.47       | 1,467.97              | 7.87         | -0.15        | -7.87                   | 0.34                    | 0.12                   | 98.53                 |
| 1,563.00              | 0.32            | 62.09       | 1,562.97              | 8.14         | 0.25         | -8.14                   | 0.09                    | 0.05                   | 14.34                 |
| 1,658.00              | 0.73            | 30.43       | 1,657.97              | 8.79         | 0.79         | -8.79                   | 0.51                    | 0.43                   | -33.33                |
| 1,753.00              | 0.55            | 12.59       | 1,752.96              | 9.75         | 1.19         | -9.76                   | 0.28                    | -0.19                  | -18.78                |
| 1,848.00              | 0.98            | 11.52       | 1,847.95              | 11.00        | 1.46         | -11.00                  | 0.45                    | 0.45                   | -1.13                 |
| 1,901.00              | 1.19            | 18.97       | 1,900.94              | 11.96        | 1.73         | -11.97                  | 0.48                    | 0.40                   | 14.06                 |
| 1,995.00              | 1.60            | 34.75       | 1,994.92              | 13.96        | 2.79         | -13.98                  | 0.59                    | 0.44                   | 16.79                 |
| 2,090.00              | 1.14            | 43.06       | 2,089.89              | 15.74        | 4.19         | -15.76                  | 0.53                    | -0.48                  | 8.75                  |
| 2,185.00              | 0.89            | 197.66      | 2,184.88              | 15.73        | 4.61         | -15.75                  | 2.09                    | -0.26                  | 162.74                |
| 2,279.00              | 2.84            | 196.15      | 2,278.83              | 12.80        | 3.74         | -12.82                  | 2.07                    | 2.07                   | -1.61                 |
| 2,374.00              | 4.24            | 198.02      | 2,373.64              | 7.20         | 2.00         | -7.21                   | 1.48                    | 1.47                   | 1.97                  |
| 2,468.00              | 5.78            | 194.47      | 2,467.28              | -0.69        | -0.25        | 0.69                    | 1.67                    | 1.64                   | -3.78                 |
| 2,563.00              | 6.59            | 191.22      | 2,561.73              | -10.67       | -2.51        | 10.68                   | 0.93                    | 0.85                   | -3.42                 |
| 2,657.00              | 7.63            | 190.24      | 2,655.01              | -22.10       | -4.67        | 22.13                   | 1.11                    | 1.11                   | -1.04                 |
| 2,752.00              | 8.00            | 186.82      | 2,749.12              | -34.87       | -6.58        | 34.91                   | 0.63                    | 0.39                   | -3.60                 |
| 2,846.00              | 8.86            | 183.47      | 2,842.11              | -48.60       | -7.79        | 48.64                   | 1.05                    | 0.91                   | -3.56                 |
| 2,941.00              | 8.52            | 182.40      | 2,936.02              | -62.93       | -8.53        | 62.97                   | 0.40                    | -0.36                  | -1.13                 |
| 3,035.00              | 8.51            | 178.07      | 3,028.98              | -76.84       | -8.59        | 76.88                   | 0.68                    | -0.01                  | -4.61                 |
| 3,129.00              | 8.68            | 175.95      | 3,121.93              | -90.86       | -7.85        | 90.90                   | 0.38                    | 0.18                   | -2.26                 |
| 3,224.00              | 9.47            | 174.16      | 3,215.74              | -105.79      | -6.55        | 105.82                  | 0.88                    | 0.83                   | -1.88                 |
| 3,319.00              | 9.27            | 171.38      | 3,309.47              | -121.13      | -4.61        | 121.15                  | 0.52                    | -0.21                  | -2.93                 |
| 3,414.00              | 9.14            | 176.89      | 3,403.25              | -136.23      | -3.05        | 136.24                  | 0.94                    | -0.14                  | 5.80                  |
| 3,508.00              | 8.90            | 187.86      | 3,496.09              | -150.89      | -3.64        | 150.91                  | 1.84                    | -0.26                  | 11.67                 |
| 3,603.00              | 8.97            | 184.32      | 3,589.94              | -165.55      | -5.20        | 165.58                  | 0.58                    | 0.07                   | -3.73                 |
| 3,698.00              | 8.62            | 183.77      | 3,683.82              | -180.04      | -6.23        | 180.07                  | 0.38                    | -0.37                  | -0.58                 |
| 3,793.00              | 8.12            | 185.94      | 3,777.81              | -193.82      | -7.39        | 193.86                  | 0.62                    | -0.53                  | 2.28                  |
| 3,887.00              | 8.29            | 187.17      | 3,870.85              | -207.15      | -8.92        | 207.19                  | 0.26                    | 0.18                   | 1.31                  |
| 3,982.00              | 8.26            | 187.75      | 3,964.86              | -220.70      | -10.70       | 220.76                  | 0.09                    | -0.03                  | 0.61                  |
| 4,077.00              | 7.72            | 189.28      | 4,058.94              | -233.76      | -12.65       | 233.83                  | 0.61                    | -0.57                  | 1.61                  |
| 4,172.00              | 7.39            | 190.28      | 4,153.11              | -246.07      | -14.77       | 246.14                  | 0.37                    | -0.35                  | 1.05                  |
| 4,266.00              | 7.11            | 188.91      | 4,246.36              | -257.77      | -16.75       | 257.85                  | 0.35                    | -0.30                  | -1.46                 |
| 4,361.00              | 6.98            | 191.78      | 4,340.64              | -269.23      | -18.84       | 269.32                  | 0.39                    | -0.14                  | 3.02                  |
| 4,456.00              | 6.83            | 190.66      | 4,434.96              | -280.43      | -21.06       | 280.53                  | 0.21                    | -0.16                  | -1.18                 |
| 4,551.00              | 6.46            | 191.47      | 4,529.32              | -291.22      | -23.17       | 291.33                  | 0.40                    | -0.39                  | 0.85                  |
| 4,645.00              | 6.18            | 192.45      | 4,622.75              | -301.34      | -25.31       | 301.47                  | 0.32                    | -0.30                  | 1.04                  |
| 4,740.00              | 6.48            | 194.97      | 4,717.17              | -311.51      | -27.80       | 311.65                  | 0.43                    | 0.32                   | 2.65                  |
| 4,835.00              | 6.34            | 195.08      | 4,811.57              | -321.76      | -30.55       | 321.91                  | 0.15                    | -0.15                  | 0.12                  |
| 4,929.00              | 5.96            | 193.57      | 4,905.03              | -331.51      | -33.04       | 331.68                  | 0.44                    | -0.40                  | -1.61                 |
| 5,024.00              | 5.84            | 197.40      | 4,999.53              | -340.92      | -35.64       | 341.10                  | 0.43                    | -0.13                  | 4.03                  |



## Survey Report



|                  |                                        |                                     |                             |
|------------------|----------------------------------------|-------------------------------------|-----------------------------|
| <b>Company:</b>  | Centennial Resources Development, Inc. | <b>Local Co-ordinate Reference:</b> | Well 602H                   |
| <b>Project:</b>  | Lea County, NM (NAD83 - UTM Zone 13)   | <b>TVD Reference:</b>               | RKB @ 3652.60usft (H&P 313) |
| <b>Site:</b>     | Gordita 6 State Com                    | <b>MD Reference:</b>                | RKB @ 3652.60usft (H&P 313) |
| <b>Well:</b>     | 602H                                   | <b>North Reference:</b>             | True                        |
| <b>Wellbore:</b> | OH / 69542                             | <b>Survey Calculation Method:</b>   | Minimum Curvature           |
| <b>Design:</b>   | Surveys (H&P 313)                      | <b>Database:</b>                    | USA Compass                 |

## 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) |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 5,119.00              | 5.38            | 195.87      | 5,094.07              | -349.81      | -38.31       | 350.01                  | 0.51                    | -0.48                  | -1.61                 |
| 5,214.00              | 4.24            | 179.97      | 5,188.74              | -357.61      | -39.52       | 357.81                  | 1.84                    | -1.20                  | -16.74                |
| 5,308.00              | 2.75            | 167.88      | 5,282.57              | -363.29      | -39.05       | 363.49                  | 1.76                    | -1.59                  | -12.86                |
| 5,403.00              | 1.69            | 167.88      | 5,377.49              | -366.89      | -38.28       | 367.08                  | 1.12                    | -1.12                  | 0.00                  |
| 5,495.00              | 1.70            | 169.50      | 5,469.45              | -369.56      | -37.74       | 369.75                  | 0.05                    | 0.01                   | 1.76                  |
| 5,590.00              | 2.00            | 170.11      | 5,564.40              | -372.57      | -37.20       | 372.76                  | 0.32                    | 0.32                   | 0.64                  |
| 5,684.00              | 2.37            | 169.66      | 5,658.33              | -376.10      | -36.57       | 376.29                  | 0.39                    | 0.39                   | -0.48                 |
| 5,779.00              | 2.64            | 165.40      | 5,753.24              | -380.15      | -35.67       | 380.33                  | 0.35                    | 0.28                   | -4.48                 |
| 5,873.00              | 3.05            | 160.96      | 5,847.13              | -384.61      | -34.30       | 384.78                  | 0.49                    | 0.44                   | -4.72                 |
| 5,968.00              | 2.69            | 156.81      | 5,942.01              | -389.05      | -32.60       | 389.21                  | 0.44                    | -0.38                  | -4.37                 |
| 6,063.00              | 1.71            | 85.24       | 6,036.95              | -390.98      | -30.31       | 391.13                  | 2.83                    | -1.03                  | -75.34                |
| 6,157.00              | 1.87            | 91.92       | 6,130.91              | -390.92      | -27.38       | 391.05                  | 0.28                    | 0.17                   | 7.11                  |
| 6,252.00              | 1.82            | 95.02       | 6,225.86              | -391.10      | -24.33       | 391.22                  | 0.12                    | -0.05                  | 3.26                  |
| 6,347.00              | 1.93            | 96.43       | 6,320.81              | -391.41      | -21.24       | 391.52                  | 0.13                    | 0.12                   | 1.48                  |
| 6,441.00              | 1.93            | 97.37       | 6,414.75              | -391.79      | -18.09       | 391.88                  | 0.03                    | 0.00                   | 1.00                  |
| 6,536.00              | 3.23            | 37.76       | 6,509.67              | -389.88      | -14.87       | 389.95                  | 2.95                    | 1.37                   | -62.75                |
| 6,631.00              | 3.34            | 40.86       | 6,604.51              | -385.67      | -11.42       | 385.73                  | 0.22                    | 0.12                   | 3.26                  |
| 6,725.00              | 2.84            | 39.24       | 6,698.38              | -381.80      | -8.15        | 381.83                  | 0.54                    | -0.53                  | -1.72                 |
| 6,820.00              | 1.93            | 338.98      | 6,793.31              | -378.48      | -7.24        | 378.51                  | 2.65                    | -0.96                  | -63.43                |
| 6,915.00              | 1.87            | 344.19      | 6,888.25              | -375.50      | -8.23        | 375.53                  | 0.19                    | -0.06                  | 5.48                  |
| 7,009.00              | 1.59            | 342.49      | 6,982.21              | -372.78      | -9.04        | 372.82                  | 0.30                    | -0.30                  | -1.81                 |
| 7,104.00              | 1.47            | 338.73      | 7,077.18              | -370.38      | -9.88        | 370.43                  | 0.16                    | -0.13                  | -3.96                 |
| 7,199.00              | 1.31            | 337.05      | 7,172.15              | -368.25      | -10.75       | 368.30                  | 0.17                    | -0.17                  | -1.77                 |
| 7,294.00              | 1.10            | 342.68      | 7,267.13              | -366.38      | -11.44       | 366.43                  | 0.25                    | -0.22                  | 5.93                  |
| 7,388.00              | 0.95            | 344.86      | 7,361.11              | -364.76      | -11.92       | 364.82                  | 0.16                    | -0.16                  | 2.32                  |
| 7,483.00              | 0.83            | 355.93      | 7,456.10              | -363.32      | -12.17       | 363.38                  | 0.22                    | -0.13                  | 11.65                 |
| 7,578.00              | 0.97            | 4.77        | 7,551.09              | -361.83      | -12.15       | 361.89                  | 0.21                    | 0.15                   | 9.31                  |
| 7,672.00              | 0.94            | 9.74        | 7,645.08              | -360.28      | -11.96       | 360.33                  | 0.09                    | -0.03                  | 5.29                  |
| 7,767.00              | 1.17            | 22.44       | 7,740.06              | -358.61      | -11.45       | 358.67                  | 0.34                    | 0.24                   | 13.37                 |
| 7,862.00              | 1.29            | 19.44       | 7,835.04              | -356.71      | -10.73       | 356.76                  | 0.14                    | 0.13                   | -3.16                 |
| 7,957.00              | 1.31            | 21.95       | 7,930.02              | -354.69      | -9.97        | 354.74                  | 0.06                    | 0.02                   | 2.64                  |
| 8,051.00              | 0.91            | 274.53      | 8,024.00              | -353.64      | -10.31       | 353.69                  | 1.92                    | -0.43                  | -114.28               |
| 8,146.00              | 0.79            | 278.75      | 8,118.99              | -353.48      | -11.71       | 353.53                  | 0.14                    | -0.13                  | 4.44                  |
| 8,241.00              | 0.61            | 280.15      | 8,213.99              | -353.29      | -12.85       | 353.35                  | 0.19                    | -0.19                  | 1.47                  |
| 8,335.00              | 0.35            | 286.79      | 8,307.98              | -353.12      | -13.62       | 353.18                  | 0.28                    | -0.28                  | 7.06                  |
| 8,430.00              | 0.40            | 284.33      | 8,402.98              | -352.95      | -14.22       | 353.02                  | 0.06                    | 0.05                   | -2.59                 |
| 8,525.00              | 0.32            | 309.12      | 8,497.98              | -352.70      | -14.75       | 352.77                  | 0.18                    | -0.08                  | 26.09                 |
| 8,619.00              | 0.41            | 324.35      | 8,591.98              | -352.26      | -15.15       | 352.34                  | 0.14                    | 0.10                   | 16.20                 |
| 8,714.00              | 0.37            | 46.50       | 8,686.98              | -351.78      | -15.12       | 351.85                  | 0.54                    | -0.04                  | 86.47                 |
| 8,809.00              | 0.86            | 73.84       | 8,781.97              | -351.37      | -14.21       | 351.44                  | 0.59                    | 0.52                   | 28.78                 |
| 8,903.00              | 1.81            | 95.09       | 8,875.94              | -351.30      | -12.06       | 351.36                  | 1.12                    | 1.01                   | 22.61                 |
| 8,998.00              | 1.46            | 108.80      | 8,970.91              | -351.82      | -9.42        | 351.87                  | 0.55                    | -0.37                  | 14.43                 |
| 9,092.00              | 0.60            | 183.02      | 9,064.89              | -352.70      | -8.31        | 352.74                  | 1.51                    | -0.91                  | 78.96                 |



## Survey Report



|                  |                                        |                                     |                             |
|------------------|----------------------------------------|-------------------------------------|-----------------------------|
| <b>Company:</b>  | Centennial Resources Development, Inc. | <b>Local Co-ordinate Reference:</b> | Well 602H                   |
| <b>Project:</b>  | Lea County, NM (NAD83 - UTM Zone 13)   | <b>TVD Reference:</b>               | RKB @ 3652.60usft (H&P 313) |
| <b>Site:</b>     | Gordita 6 State Com                    | <b>MD Reference:</b>                | RKB @ 3652.60usft (H&P 313) |
| <b>Well:</b>     | 602H                                   | <b>North Reference:</b>             | True                        |
| <b>Wellbore:</b> | OH / 69542                             | <b>Survey Calculation Method:</b>   | Minimum Curvature           |
| <b>Design:</b>   | Surveys (H&P 313)                      | <b>Database:</b>                    | USA Compass                 |

## 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) |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 9,187.00              | 0.60            | 163.67      | 9,159.89              | -353.68      | -8.20        | 353.71                  | 0.21                    | 0.00                   | -20.37                |
| 9,282.00              | 0.68            | 135.29      | 9,254.88              | -354.55      | -7.66        | 354.59                  | 0.34                    | 0.08                   | -29.87                |
| 9,376.00              | 1.11            | 120.39      | 9,348.87              | -355.41      | -6.48        | 355.44                  | 0.52                    | 0.46                   | -15.85                |
| 9,471.00              | 1.93            | 108.38      | 9,443.84              | -356.38      | -4.17        | 356.40                  | 0.92                    | 0.86                   | -12.64                |
| 9,566.00              | 2.18            | 126.02      | 9,538.78              | -357.95      | -1.19        | 357.95                  | 0.71                    | 0.26                   | 18.57                 |
| 9,661.00              | 2.85            | 164.00      | 9,633.69              | -361.28      | 0.92         | 361.27                  | 1.85                    | 0.71                   | 39.98                 |
| 9,755.00              | 2.42            | 172.39      | 9,727.59              | -365.49      | 1.83         | 365.48                  | 0.61                    | -0.46                  | 8.93                  |
| 9,850.00              | 2.02            | 221.03      | 9,822.53              | -368.75      | 1.00         | 368.74                  | 1.96                    | -0.42                  | 51.20                 |
| 9,945.00              | 1.80            | 232.34      | 9,917.48              | -370.92      | -1.29        | 370.92                  | 0.46                    | -0.23                  | 11.91                 |
| 10,039.00             | 1.57            | 242.09      | 10,011.44             | -372.43      | -3.59        | 372.44                  | 0.39                    | -0.24                  | 10.37                 |
| 10,134.00             | 1.50            | 253.99      | 10,106.40             | -373.38      | -5.94        | 373.40                  | 0.34                    | -0.07                  | 12.53                 |
| 10,229.00             | 1.23            | 258.67      | 10,201.37             | -373.92      | -8.13        | 373.96                  | 0.31                    | -0.28                  | 4.93                  |
| 10,323.00             | 1.03            | 240.96      | 10,295.36             | -374.53      | -9.86        | 374.58                  | 0.43                    | -0.21                  | -18.84                |
| 10,418.00             | 0.58            | 232.68      | 10,390.35             | -375.23      | -10.99       | 375.29                  | 0.49                    | -0.47                  | -8.72                 |
| 10,513.00             | 0.17            | 179.93      | 10,485.34             | -375.67      | -11.37       | 375.72                  | 0.52                    | -0.43                  | -55.53                |
| 10,581.00             | 0.93            | 283.88      | 10,553.34             | -375.64      | -11.91       | 375.69                  | 1.45                    | 1.12                   | 152.87                |
| 10,695.00             | 5.64            | 177.22      | 10,667.16             | -381.01      | -12.53       | 381.07                  | 5.24                    | 4.13                   | -93.56                |
| 10,790.00             | 23.86           | 178.90      | 10,758.64             | -405.09      | -11.93       | 405.15                  | 19.18                   | 19.18                  | 1.77                  |
| 10,884.00             | 36.45           | 188.45      | 10,839.81             | -451.93      | -15.69       | 452.01                  | 14.30                   | 13.39                  | 10.16                 |
| 10,979.00             | 43.37           | 186.90      | 10,912.63             | -512.31      | -23.76       | 512.42                  | 7.36                    | 7.28                   | -1.63                 |
| 11,074.00             | 53.08           | 181.16      | 10,975.88             | -582.86      | -28.47       | 583.00                  | 11.16                   | 10.22                  | -6.04                 |
| 11,168.00             | 59.98           | 180.70      | 11,027.69             | -661.21      | -29.72       | 661.36                  | 7.35                    | 7.34                   | -0.49                 |
| 11,263.00             | 64.11           | 180.86      | 11,072.21             | -745.10      | -30.87       | 745.25                  | 4.35                    | 4.35                   | 0.17                  |
| 11,358.00             | 74.63           | 181.94      | 11,105.64             | -833.85      | -33.07       | 834.02                  | 11.12                   | 11.07                  | 1.14                  |
| 11,453.00             | 80.99           | 182.26      | 11,125.69             | -926.60      | -36.47       | 926.78                  | 6.70                    | 6.69                   | 0.34                  |
| 11,483.00             | 86.00           | 181.53      | 11,129.08             | -956.38      | -37.46       | 956.57                  | 16.87                   | 16.70                  | -2.43                 |
| 11,573.00             | 88.13           | 180.73      | 11,133.69             | -1,046.24    | -39.23       | 1,046.43                | 2.53                    | 2.37                   | -0.89                 |
| 11,664.00             | 89.85           | 180.72      | 11,135.30             | -1,137.22    | -40.38       | 1,137.41                | 1.89                    | 1.89                   | -0.01                 |
| 11,759.00             | 89.08           | 179.82      | 11,136.18             | -1,232.21    | -40.83       | 1,232.41                | 1.25                    | -0.81                  | -0.95                 |
| 11,853.00             | 89.44           | 180.50      | 11,137.40             | -1,326.20    | -41.09       | 1,326.40                | 0.82                    | 0.38                   | 0.72                  |
| 11,948.00             | 91.19           | 181.74      | 11,136.87             | -1,421.18    | -42.95       | 1,421.38                | 2.26                    | 1.84                   | 1.31                  |
| 12,043.00             | 90.67           | 180.67      | 11,135.33             | -1,516.14    | -44.94       | 1,516.36                | 1.25                    | -0.55                  | -1.13                 |
| 12,137.00             | 91.22           | 181.17      | 11,133.78             | -1,610.12    | -46.45       | 1,610.34                | 0.79                    | 0.59                   | 0.53                  |
| 12,232.00             | 89.85           | 179.43      | 11,132.89             | -1,705.10    | -46.95       | 1,705.33                | 2.33                    | -1.44                  | -1.83                 |
| 12,326.00             | 88.62           | 179.36      | 11,134.15             | -1,799.09    | -45.96       | 1,799.30                | 1.31                    | -1.31                  | -0.07                 |
| 12,420.00             | 86.40           | 177.26      | 11,138.23             | -1,892.95    | -43.19       | 1,893.15                | 3.25                    | -2.36                  | -2.23                 |
| 12,515.00             | 87.85           | 178.29      | 11,143.00             | -1,987.75    | -39.51       | 1,987.93                | 1.87                    | 1.53                   | 1.08                  |
| 12,610.00             | 90.16           | 180.97      | 11,144.65             | -2,082.72    | -38.89       | 2,082.90                | 3.72                    | 2.43                   | 2.82                  |
| 12,704.00             | 89.70           | 181.56      | 11,144.76             | -2,176.70    | -40.97       | 2,176.88                | 0.80                    | -0.49                  | 0.63                  |
| 12,799.00             | 87.87           | 181.75      | 11,146.78             | -2,271.63    | -43.71       | 2,271.83                | 1.94                    | -1.93                  | 0.20                  |
| 12,894.00             | 86.28           | 181.61      | 11,151.63             | -2,366.47    | -46.49       | 2,366.68                | 1.68                    | -1.67                  | -0.15                 |
| 12,988.00             | 89.07           | 183.64      | 11,155.44             | -2,460.28    | -50.80       | 2,460.51                | 3.67                    | 2.97                   | 2.16                  |
| 13,082.00             | 89.42           | 184.10      | 11,156.68             | -2,554.05    | -57.14       | 2,554.32                | 0.61                    | 0.37                   | 0.49                  |
| 13,177.00             | 87.99           | 183.02      | 11,158.82             | -2,648.84    | -63.04       | 2,649.13                | 1.89                    | -1.51                  | -1.14                 |



## Survey Report



|                  |                                        |                                     |                             |
|------------------|----------------------------------------|-------------------------------------|-----------------------------|
| <b>Company:</b>  | Centennial Resources Development, Inc. | <b>Local Co-ordinate Reference:</b> | Well 602H                   |
| <b>Project:</b>  | Lea County, NM (NAD83 - UTM Zone 13)   | <b>TVD Reference:</b>               | RKB @ 3652.60usft (H&P 313) |
| <b>Site:</b>     | Gordita 6 State Com                    | <b>MD Reference:</b>                | RKB @ 3652.60usft (H&P 313) |
| <b>Well:</b>     | 602H                                   | <b>North Reference:</b>             | True                        |
| <b>Wellbore:</b> | OH / 69542                             | <b>Survey Calculation Method:</b>   | Minimum Curvature           |
| <b>Design:</b>   | Surveys (H&P 313)                      | <b>Database:</b>                    | USA Compass                 |

## 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) |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 13,272.00             | 88.88           | 180.99      | 11,161.42             | -2,743.74    | -66.36       | 2,744.05                | 2.33                    | 0.94                   | -2.14                 |
| 13,367.00             | 88.74           | 180.53      | 11,163.39             | -2,838.71    | -67.62       | 2,839.03                | 0.51                    | -0.15                  | -0.48                 |
| 13,461.00             | 88.59           | 180.30      | 11,165.58             | -2,932.68    | -68.30       | 2,933.00                | 0.29                    | -0.16                  | -0.24                 |
| 13,556.00             | 87.85           | 179.39      | 11,168.53             | -3,027.64    | -68.04       | 3,027.95                | 1.23                    | -0.78                  | -0.96                 |
| 13,650.00             | 88.36           | 178.43      | 11,171.64             | -3,121.57    | -66.26       | 3,121.87                | 1.16                    | 0.54                   | -1.02                 |
| 13,744.00             | 87.97           | 178.33      | 11,174.65             | -3,215.48    | -63.60       | 3,215.77                | 0.43                    | -0.41                  | -0.11                 |
| 13,839.00             | 88.96           | 179.01      | 11,177.20             | -3,310.42    | -61.40       | 3,310.70                | 1.26                    | 1.04                   | 0.72                  |
| 13,933.00             | 90.55           | 178.37      | 11,177.60             | -3,404.39    | -59.25       | 3,404.65                | 1.82                    | 1.69                   | -0.68                 |
| 14,028.00             | 88.81           | 176.01      | 11,178.13             | -3,499.26    | -54.59       | 3,499.50                | 3.09                    | -1.83                  | -2.48                 |
| 14,122.00             | 88.62           | 176.54      | 11,180.24             | -3,593.04    | -48.48       | 3,593.25                | 0.60                    | -0.20                  | 0.56                  |
| 14,217.00             | 89.96           | 177.98      | 11,181.41             | -3,687.92    | -43.94       | 3,688.10                | 2.07                    | 1.41                   | 1.52                  |
| 14,312.00             | 91.16           | 180.07      | 11,180.49             | -3,782.90    | -42.33       | 3,783.07                | 2.54                    | 1.26                   | 2.20                  |
| 14,407.00             | 88.78           | 180.69      | 11,180.54             | -3,877.89    | -42.96       | 3,878.06                | 2.59                    | -2.51                  | 0.65                  |
| 14,501.00             | 86.46           | 181.60      | 11,184.44             | -3,971.78    | -44.83       | 3,971.96                | 2.65                    | -2.47                  | 0.97                  |
| 14,595.00             | 84.49           | 182.81      | 11,191.85             | -4,065.41    | -48.44       | 4,065.61                | 2.46                    | -2.10                  | 1.29                  |
| 14,690.00             | 87.13           | 183.30      | 11,198.79             | -4,160.01    | -53.49       | 4,160.24                | 2.83                    | 2.78                   | 0.52                  |
| 14,784.00             | 86.90           | 184.47      | 11,203.69             | -4,253.67    | -59.85       | 4,253.92                | 1.27                    | -0.24                  | 1.24                  |
| 14,879.00             | 85.41           | 184.01      | 11,210.06             | -4,348.19    | -66.85       | 4,348.48                | 1.64                    | -1.57                  | -0.48                 |
| 14,973.00             | 86.89           | 182.70      | 11,216.37             | -4,441.81    | -72.34       | 4,442.13                | 2.10                    | 1.57                   | -1.39                 |
| 15,067.00             | 86.26           | 182.32      | 11,221.99             | -4,535.56    | -76.45       | 4,535.89                | 0.78                    | -0.67                  | -0.40                 |
| 15,162.00             | 87.82           | 181.30      | 11,226.89             | -4,630.38    | -79.45       | 4,630.73                | 1.96                    | 1.64                   | -1.07                 |
| 15,256.00             | 88.30           | 180.38      | 11,230.08             | -4,724.31    | -80.82       | 4,724.67                | 1.10                    | 0.51                   | -0.98                 |
| 15,351.00             | 88.57           | 178.98      | 11,232.67             | -4,819.27    | -80.29       | 4,819.63                | 1.50                    | 0.28                   | -1.47                 |
| 15,446.00             | 89.48           | 179.34      | 11,234.29             | -4,914.25    | -78.90       | 4,914.59                | 1.03                    | 0.96                   | 0.38                  |
| 15,540.00             | 90.18           | 179.18      | 11,234.57             | -5,008.24    | -77.69       | 5,008.58                | 0.76                    | 0.74                   | -0.17                 |
| 15,635.00             | 90.65           | 178.96      | 11,233.88             | -5,103.22    | -76.15       | 5,103.55                | 0.55                    | 0.49                   | -0.23                 |
| 15,729.00             | 92.37           | 179.48      | 11,231.40             | -5,197.18    | -74.87       | 5,197.50                | 1.91                    | 1.83                   | 0.55                  |
| 15,823.00             | 94.08           | 179.95      | 11,226.11             | -5,291.02    | -74.40       | 5,291.34                | 1.89                    | 1.82                   | 0.50                  |
| 15,918.00             | 91.18           | 178.46      | 11,221.75             | -5,385.90    | -73.08       | 5,386.21                | 3.43                    | -3.05                  | -1.57                 |
| 16,012.00             | 89.11           | 177.57      | 11,221.52             | -5,479.84    | -69.83       | 5,480.13                | 2.40                    | -2.20                  | -0.95                 |
| 16,106.00             | 87.85           | 178.45      | 11,224.01             | -5,573.75    | -66.56       | 5,574.02                | 1.63                    | -1.34                  | 0.94                  |
| 16,201.00             | 87.80           | 178.11      | 11,227.61             | -5,668.64    | -63.71       | 5,668.89                | 0.36                    | -0.05                  | -0.36                 |
| 16,295.00             | 86.54           | 179.07      | 11,232.26             | -5,762.49    | -61.40       | 5,762.73                | 1.68                    | -1.34                  | 1.02                  |
| 16,389.00             | 85.77           | 177.62      | 11,238.56             | -5,856.24    | -58.69       | 5,856.46                | 1.74                    | -0.82                  | -1.54                 |
| 16,484.00             | 88.34           | 178.52      | 11,243.44             | -5,951.05    | -55.50       | 5,951.26                | 2.87                    | 2.71                   | 0.95                  |
| 16,578.00             | 89.67           | 179.25      | 11,245.07             | -6,045.01    | -53.67       | 6,045.21                | 1.61                    | 1.41                   | 0.78                  |
| 16,672.00             | 90.89           | 179.10      | 11,244.61             | -6,139.00    | -52.32       | 6,139.19                | 1.31                    | 1.30                   | -0.16                 |
| 16,767.00             | 89.19           | 179.30      | 11,244.55             | -6,233.99    | -50.99       | 6,234.17                | 1.80                    | -1.79                  | 0.21                  |
| 16,861.00             | 89.44           | 179.46      | 11,245.67             | -6,327.98    | -49.97       | 6,328.15                | 0.32                    | 0.27                   | 0.17                  |
| 16,955.00             | 86.86           | 177.52      | 11,248.71             | -6,421.88    | -47.50       | 6,422.04                | 3.43                    | -2.74                  | -2.06                 |
| 17,049.00             | 86.23           | 176.75      | 11,254.37             | -6,515.59    | -42.81       | 6,515.73                | 1.06                    | -0.67                  | -0.82                 |
| 17,143.00             | 86.17           | 177.17      | 11,260.60             | -6,609.25    | -37.84       | 6,609.36                | 0.45                    | -0.06                  | 0.45                  |
| 17,238.00             | 86.05           | 177.43      | 11,267.04             | -6,703.93    | -33.37       | 6,704.01                | 0.30                    | -0.13                  | 0.27                  |



## Survey Report



|                  |                                        |                                     |                             |
|------------------|----------------------------------------|-------------------------------------|-----------------------------|
| <b>Company:</b>  | Centennial Resources Development, Inc. | <b>Local Co-ordinate Reference:</b> | Well 602H                   |
| <b>Project:</b>  | Lea County, NM (NAD83 - UTM Zone 13)   | <b>TVD Reference:</b>               | RKB @ 3652.60usft (H&P 313) |
| <b>Site:</b>     | Gordita 6 State Com                    | <b>MD Reference:</b>                | RKB @ 3652.60usft (H&P 313) |
| <b>Well:</b>     | 602H                                   | <b>North Reference:</b>             | True                        |
| <b>Wellbore:</b> | OH / 69542                             | <b>Survey Calculation Method:</b>   | Minimum Curvature           |
| <b>Design:</b>   | Surveys (H&P 313)                      | <b>Database:</b>                    | USA Compass                 |

## 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) |
|--------------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 17,332.00                | 89.11           | 179.41      | 11,271.01             | -6,797.79    | -30.78       | 6,797.86                | 3.88                    | 3.26                   | 2.11                  |
| 17,426.00                | 90.67           | 179.64      | 11,271.19             | -6,891.79    | -30.01       | 6,891.85                | 1.68                    | 1.66                   | 0.24                  |
| 17,521.00                | 91.47           | 180.02      | 11,269.42             | -6,986.77    | -29.72       | 6,986.83                | 0.93                    | 0.84                   | 0.40                  |
| 17,615.00                | 88.91           | 180.06      | 11,269.11             | -7,080.76    | -29.79       | 7,080.82                | 2.72                    | -2.72                  | 0.04                  |
| 17,710.00                | 85.91           | 181.11      | 11,273.40             | -7,175.65    | -30.76       | 7,175.71                | 3.35                    | -3.16                  | 1.11                  |
| 17,804.00                | 85.57           | 181.83      | 11,280.38             | -7,269.36    | -33.16       | 7,269.43                | 0.85                    | -0.36                  | 0.77                  |
| 17,899.00                | 85.24           | 183.70      | 11,287.99             | -7,363.94    | -37.73       | 7,364.03                | 1.99                    | -0.35                  | 1.97                  |
| 17,994.00                | 87.04           | 184.36      | 11,294.39             | -7,458.48    | -44.39       | 7,458.61                | 2.02                    | 1.89                   | 0.69                  |
| 18,088.00                | 85.32           | 184.05      | 11,300.65             | -7,552.02    | -51.27       | 7,552.18                | 1.86                    | -1.83                  | -0.33                 |
| 18,183.00                | 85.52           | 183.14      | 11,308.24             | -7,646.53    | -57.21       | 7,646.72                | 0.98                    | 0.21                   | -0.96                 |
| 18,278.00                | 85.38           | 182.04      | 11,315.77             | -7,741.13    | -61.48       | 7,741.34                | 1.16                    | -0.15                  | -1.16                 |
| 18,372.00                | 88.79           | 181.71      | 11,320.55             | -7,834.94    | -64.56       | 7,835.17                | 3.64                    | 3.63                   | -0.35                 |
| 18,467.00                | 89.88           | 181.83      | 11,321.66             | -7,929.89    | -67.49       | 7,930.13                | 1.15                    | 1.15                   | 0.13                  |
| 18,561.00                | 90.38           | 181.31      | 11,321.44             | -8,023.85    | -70.07       | 8,024.11                | 0.77                    | 0.53                   | -0.55                 |
| 18,656.00                | 91.78           | 180.33      | 11,319.65             | -8,118.82    | -71.42       | 8,119.09                | 1.80                    | 1.47                   | -1.03                 |
| 18,750.00                | 90.78           | 180.05      | 11,317.55             | -8,212.80    | -71.74       | 8,213.06                | 1.10                    | -1.06                  | -0.30                 |
| 18,844.00                | 91.15           | 179.10      | 11,315.97             | -8,306.78    | -71.04       | 8,307.04                | 1.08                    | 0.39                   | -1.01                 |
| 18,939.00                | 91.46           | 178.40      | 11,313.81             | -8,401.73    | -68.97       | 8,401.98                | 0.81                    | 0.33                   | -0.74                 |
| 19,033.00                | 91.12           | 179.52      | 11,311.69             | -8,495.69    | -67.26       | 8,495.93                | 1.24                    | -0.36                  | 1.19                  |
| 19,128.00                | 91.02           | 178.54      | 11,309.92             | -8,590.66    | -65.65       | 8,590.89                | 1.04                    | -0.11                  | -1.03                 |
| 19,222.00                | 88.87           | 179.62      | 11,310.01             | -8,684.64    | -64.14       | 8,684.86                | 2.56                    | -2.29                  | 1.15                  |
| 19,317.00                | 87.65           | 181.26      | 11,312.89             | -8,779.59    | -64.87       | 8,779.81                | 2.15                    | -1.28                  | 1.73                  |
| 19,411.00                | 88.84           | 182.03      | 11,315.77             | -8,873.50    | -67.57       | 8,873.74                | 1.51                    | 1.27                   | 0.82                  |
| 19,506.00                | 88.70           | 181.30      | 11,317.81             | -8,968.44    | -70.33       | 8,968.69                | 0.78                    | -0.15                  | -0.77                 |
| 19,600.00                | 89.50           | 181.02      | 11,319.29             | -9,062.41    | -72.23       | 9,062.66                | 0.90                    | 0.85                   | -0.30                 |
| 19,694.00                | 89.44           | 180.60      | 11,320.16             | -9,156.40    | -73.56       | 9,156.66                | 0.45                    | -0.06                  | -0.45                 |
| 19,789.00                | 88.51           | 179.94      | 11,321.85             | -9,251.38    | -74.01       | 9,251.64                | 1.20                    | -0.98                  | -0.69                 |
| 19,884.00                | 88.10           | 180.34      | 11,324.66             | -9,346.34    | -74.24       | 9,346.60                | 0.60                    | -0.43                  | 0.42                  |
| 19,978.00                | 87.85           | 180.11      | 11,327.99             | -9,440.28    | -74.61       | 9,440.54                | 0.36                    | -0.27                  | -0.24                 |
| 20,073.00                | 86.28           | 179.48      | 11,332.85             | -9,535.15    | -74.27       | 9,535.41                | 1.78                    | -1.65                  | -0.66                 |
| 20,167.00                | 86.42           | 177.87      | 11,338.84             | -9,628.93    | -72.10       | 9,629.17                | 1.72                    | 0.15                   | -1.71                 |
| 20,261.00                | 86.15           | 176.14      | 11,344.93             | -9,722.60    | -67.20       | 9,722.82                | 1.86                    | -0.29                  | -1.84                 |
| 20,356.00                | 87.27           | 175.71      | 11,350.38             | -9,817.20    | -60.46       | 9,817.38                | 1.26                    | 1.18                   | -0.45                 |
| 20,451.00                | 88.44           | 177.45      | 11,353.93             | -9,911.96    | -54.80       | 9,912.11                | 2.21                    | 1.23                   | 1.83                  |
| 20,545.00                | 90.12           | 177.51      | 11,355.12             | -10,005.86   | -50.67       | 10,005.99               | 1.79                    | 1.79                   | 0.06                  |
| 20,640.00                | 89.76           | 176.73      | 11,355.21             | -10,100.74   | -45.89       | 10,100.84               | 0.90                    | -0.38                  | -0.82                 |
| 20,734.00                | 89.41           | 178.14      | 11,355.90             | -10,194.64   | -41.69       | 10,194.72               | 1.55                    | -0.37                  | 1.50                  |
| 20,829.00                | 87.77           | 177.89      | 11,358.23             | -10,289.55   | -38.40       | 10,289.61               | 1.75                    | -1.73                  | -0.26                 |
| 20,924.00                | 88.05           | 177.18      | 11,361.70             | -10,384.40   | -34.31       | 10,384.44               | 0.80                    | 0.29                   | -0.75                 |
| 21,018.00                | 87.08           | 176.76      | 11,365.69             | -10,478.18   | -29.35       | 10,478.19               | 1.12                    | -1.03                  | -0.45                 |
| 21,113.00                | 87.26           | 175.39      | 11,370.38             | -10,572.84   | -22.86       | 10,572.81               | 1.45                    | 0.19                   | -1.44                 |
| 21,208.00                | 87.19           | 174.82      | 11,374.98             | -10,667.38   | -14.76       | 10,667.31               | 0.60                    | -0.07                  | -0.60                 |
| Final Phoenix MWD Survey |                 |             |                       |              |              |                         |                         |                        |                       |



## Survey Report



|                  |                                        |                                     |                             |
|------------------|----------------------------------------|-------------------------------------|-----------------------------|
| <b>Company:</b>  | Centennial Resources Development, Inc. | <b>Local Co-ordinate Reference:</b> | Well 602H                   |
| <b>Project:</b>  | Lea County, NM (NAD83 - UTM Zone 13)   | <b>TVD Reference:</b>               | RKB @ 3652.60usft (H&P 313) |
| <b>Site:</b>     | Gordita 6 State Com                    | <b>MD Reference:</b>                | RKB @ 3652.60usft (H&P 313) |
| <b>Well:</b>     | 602H                                   | <b>North Reference:</b>             | True                        |
| <b>Wellbore:</b> | OH / 69542                             | <b>Survey Calculation Method:</b>   | Minimum Curvature           |
| <b>Design:</b>   | Surveys (H&P 313)                      | <b>Database:</b>                    | USA Compass                 |

## 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) |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 21,275.00             | 87.19           | 174.82      | 11,378.27             | -10,734.03   | -8.72        | 10,733.93               | 0.00                    | 0.00                   | 0.00                  |
| Projection to TD      |                 |             |                       |              |              |                         |                         |                        |                       |

## Survey Annotations

| Measured Depth (usft) | Vertical Depth (usft) | Local Coordinates |              | Comment                  |
|-----------------------|-----------------------|-------------------|--------------|--------------------------|
|                       |                       | +N/-S (usft)      | +E/-W (usft) |                          |
| 183.00                | 183.00                | 0.64              | -0.20        | First Phoenix MWD Survey |
| 21,208.00             | 11,374.98             | -10,667.38        | -14.76       | Final Phoenix MWD Survey |
| 21,275.00             | 11,378.27             | -10,734.03        | -8.72        | Projection to TD         |

**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 108081

CONDITIONS

|                                                                                                      |                                                      |
|------------------------------------------------------------------------------------------------------|------------------------------------------------------|
| Operator:<br>CENTENNIAL RESOURCE PRODUCTION, LLC<br>1001 17th Street, Suite 1800<br>Denver, CO 80202 | OGRID:<br>372165                                     |
|                                                                                                      | Action Number:<br>108081                             |
|                                                                                                      | Action Type:<br>[C-103] NOI Change of Plans (C-103A) |

CONDITIONS

|            |           |                |
|------------|-----------|----------------|
| Created By | Condition | Condition Date |
| pkautz     | None      | 5/25/2022      |