

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

Form C-104  
Revised August 1, 2011  
  
Submit one copy to appropriate District Office  
  
☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

|                                                                                                                                   |                                                             |                                                                    |
|-----------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|--------------------------------------------------------------------|
| <sup>1</sup> Operator name and Address<br><br>Devon Energy Production Company, L.P.<br>333 West Sheridan, Oklahoma City, OK 73102 |                                                             | <sup>2</sup> OGRID Number<br><br>6137                              |
|                                                                                                                                   |                                                             | <sup>3</sup> Reason for Filing Code/ Effective Date<br>NW / 8/6/21 |
| <sup>4</sup> API Number<br>30-015-47328                                                                                           | <sup>5</sup> Pool Name<br><br>; PURPLE SAGE; WOLFCAMP (GAS) | <sup>6</sup> Pool Code<br>98220                                    |
| <sup>7</sup> Property Code<br>328885                                                                                              | <sup>8</sup> Property Name<br>SHIRE 22 15 FEDERAL COM       | <sup>9</sup> Well Number<br>613H                                   |

II. <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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| O             | 22      | 25S      | 31E   |         | 350           | South            | 1805          | East           | EDDY   |

<sup>11</sup> Bottom Hole Location

| UL or lot no.               | Section                             | Township                                    | Range                             | Lot Idn                            | Feet from the                       | North/South line | Feet from the | East/West line | County |
|-----------------------------|-------------------------------------|---------------------------------------------|-----------------------------------|------------------------------------|-------------------------------------|------------------|---------------|----------------|--------|
| B                           | 15                                  | 25S                                         | 31E                               |                                    | 61                                  | North            | 2263          | East           | EDDY   |
| <sup>12</sup> Lse Code<br>F | <sup>13</sup> Producing Method Code | <sup>14</sup> Gas Connection Date<br>8/6/21 | <sup>15</sup> C-129 Permit Number | <sup>16</sup> C-129 Effective Date | <sup>17</sup> C-129 Expiration Date |                  |               |                |        |

III. Oil and Gas Transporters

| <sup>18</sup> Transporter OGRID | <sup>19</sup> Transporter Name and Address                                     | <sup>20</sup> O/G/W |
|---------------------------------|--------------------------------------------------------------------------------|---------------------|
| 329657                          | Cotton Draw Midstream, L.L.C.<br>333 W. Sheridan Ave. Oklahoma City, OK 731702 | GAS                 |
| 020445                          | Plains Marketing<br>P.O. Box 4648 Houston, TX 77210                            | Oil                 |
| 371960                          | LUCID ENERGY DELAWARE, LLC<br>3100 Mckinnon St. Suite 800, Dallas TX 75201     | GAS                 |
|                                 |                                                                                |                     |
|                                 |                                                                                |                     |

IV. Well Completion Data

|                                    |                                    |                                    |                                                       |                                             |                            |
|------------------------------------|------------------------------------|------------------------------------|-------------------------------------------------------|---------------------------------------------|----------------------------|
| <sup>21</sup> Spud Date<br>2/19/21 | <sup>22</sup> Ready Date<br>8/6/21 | <sup>23</sup> TD<br>22073          | <sup>24</sup> PBD<br>CMT PLUG 11498<br>MD/11474.3 TVD | <sup>25</sup> Perforations<br>12100 - 21957 | <sup>26</sup> DHC, MC      |
| <sup>27</sup> Hole Size            |                                    | <sup>28</sup> Casing & Tubing Size | <sup>29</sup> Depth Set                               |                                             | <sup>30</sup> Sacks Cement |
| 17.5                               |                                    | 13.375                             | 1192.3                                                |                                             | 805                        |
| 9.625                              |                                    | 8 5/8                              | 11959.2                                               |                                             | 1095                       |
| 7.875                              |                                    | 5.5                                | 22065.2                                               |                                             | 2795                       |
|                                    |                                    | Tubing set: N/A                    |                                                       |                                             |                            |

V. Well Test Data

|                                                                                                                                                                                                                                                                                                            |                                            |                                    |                                     |                                    |                                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|------------------------------------|-------------------------------------|------------------------------------|------------------------------------|
| <sup>31</sup> Date New Oil<br>8/11/21                                                                                                                                                                                                                                                                      | <sup>32</sup> Gas Delivery Date<br>8/11/21 | <sup>33</sup> Test Date<br>8/11/21 | <sup>34</sup> Test Length<br>24 hrs | <sup>35</sup> Tbg. Pressure<br>psi | <sup>36</sup> Csg. Pressure<br>psi |
| <sup>37</sup> Choke Size                                                                                                                                                                                                                                                                                   | <sup>38</sup> Oil<br>1732 bbl              | <sup>39</sup> Water<br>7135 bbl    | <sup>40</sup> Gas<br>6751 mcf       |                                    | <sup>41</sup> Test Method          |
| <sup>42</sup> I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.<br>Signature:  |                                            |                                    | OIL CONSERVATION DIVISION           |                                    |                                    |
| Printed name: Jenny Harms                                                                                                                                                                                                                                                                                  |                                            |                                    | Approved by: PATRICIA MARTINEZ      |                                    |                                    |
| Title: Regulatory Specialist                                                                                                                                                                                                                                                                               |                                            |                                    | Title: NMOCD                        |                                    |                                    |
| E-mail Address: jenny.harms@divn.com                                                                                                                                                                                                                                                                       |                                            |                                    | Approval Date: 10/6/2021            |                                    |                                    |
| Date: 8/13/2021                                                                                                                                                                                                                                                                                            |                                            | Phone: 405-552-6560                |                                     |                                    |                                    |

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>30-015-47328 | <sup>2</sup> Pool Code<br>98220                                     | <sup>3</sup> Pool Name<br>PURPLE SAGE; WOLFCAMP (GAS) |
| <sup>4</sup> Property Code<br>328885    | <sup>5</sup> Property Name<br>SHIRE 22-15 FED COM                   | <sup>6</sup> Well Number<br>613H                      |
| <sup>7</sup> OGRID No.<br>6137          | <sup>8</sup> Operator Name<br>DEVON ENERGY PRODUCTION COMPANY, L.P. | <sup>9</sup> Elevation<br>3346.9                      |

<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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| O             | 22      | 25 S     | 31 E  |         | 350           | SOUTH            | 1805          | EAST           | EDDY   |

<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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| B             | 15      | 25 S     | 31 E  |         | 61            | NORTH            | 2263          | EAST           | EDDY   |

|                                      |                               |                                  |                         |
|--------------------------------------|-------------------------------|----------------------------------|-------------------------|
| <sup>12</sup> Dedicated Acres<br>640 | <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.

|  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><b><sup>17</sup> OPERATOR CERTIFICATION</b></p> <p>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.</p> <p><i>Jenny Harms</i> 8-13-2021<br/>Signature Date<br/>JENNY HARMS<br/>Printed Name<br/>JENNY.HARMS@DVN.COM<br/>E-mail Address</p> |
|  | <p><b><sup>18</sup> SURVEYOR CERTIFICATION</b></p> <p>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.</p> <p>AUGUST 12, 2021<br/>Date of Survey</p> <p><i>William F. Jaramillo</i><br/>Signature and Seal of Professional Surveyor<br/>Certificate Number: 12797<br/>J. JARAMILLO, E.L. 12797<br/>PROFESSIONAL SURVEYOR NO. 7573A</p>                                                                                                                                                                                                  |

Intent ☐ As Drilled ☒

|                                                            |                                              |                            |
|------------------------------------------------------------|----------------------------------------------|----------------------------|
| API #                                                      |                                              |                            |
| Operator Name:<br><b>DEVON ENERGY PRODUCTION CO., L.P.</b> | Property Name:<br><b>SHIRE 22-15 FED COM</b> | Well Number<br><b>613H</b> |

Kick Off Point (KOP)

|                               |                      |                        |                     |     |                                 |                          |                     |                         |                       |
|-------------------------------|----------------------|------------------------|---------------------|-----|---------------------------------|--------------------------|---------------------|-------------------------|-----------------------|
| UL<br><b>O</b>                | Section<br><b>22</b> | Township<br><b>25S</b> | Range<br><b>31E</b> | Lot | Feet<br><b>32</b>               | From N/S<br><b>SOUTH</b> | Feet<br><b>2289</b> | From E/W<br><b>EAST</b> | County<br><b>EDDY</b> |
| Latitude<br><b>32.1086407</b> |                      |                        |                     |     | Longitude<br><b>103.7643335</b> |                          |                     |                         | NAD<br><b>83</b>      |

First Take Point (FTP)

|                               |                      |                        |                     |     |                                 |                          |                     |                         |                       |
|-------------------------------|----------------------|------------------------|---------------------|-----|---------------------------------|--------------------------|---------------------|-------------------------|-----------------------|
| UL<br><b>O</b>                | Section<br><b>22</b> | Township<br><b>25S</b> | Range<br><b>31E</b> | Lot | Feet<br><b>579</b>              | From N/S<br><b>SOUTH</b> | Feet<br><b>2332</b> | From E/W<br><b>EAST</b> | County<br><b>EDDY</b> |
| Latitude<br><b>32.1101446</b> |                      |                        |                     |     | Longitude<br><b>103.7648730</b> |                          |                     |                         | NAD<br><b>83</b>      |

Last Take Point (LTP)

|                               |                      |                        |                     |     |                                 |                          |                     |                         |                       |
|-------------------------------|----------------------|------------------------|---------------------|-----|---------------------------------|--------------------------|---------------------|-------------------------|-----------------------|
| UL<br><b>B</b>                | Section<br><b>15</b> | Township<br><b>25S</b> | Range<br><b>31E</b> | Lot | Feet<br><b>177</b>              | From N/S<br><b>NORTH</b> | Feet<br><b>2256</b> | From E/W<br><b>EAST</b> | County<br><b>EDDY</b> |
| Latitude<br><b>32.1371986</b> |                      |                        |                     |     | Longitude<br><b>103.7644942</b> |                          |                     |                         | NAD<br><b>83</b>      |

Is this well the defining well for the Horizontal Spacing Unit? ☒Is this well an infill well? ☐

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

|                |                |             |
|----------------|----------------|-------------|
| API #          |                |             |
| Operator Name: | Property Name: | Well Number |

KZ 06/29/2018



## Devon Energy

Eddy County, NM (NAD83)

Shire 22-15 Fed Com

Shire 22-15 Fed Com 613H

OH

Design: OH

## Standard Survey Report

15 April, 2021





## Total Directional Services

## Survey Report



|                  |                          |                                     |                                   |
|------------------|--------------------------|-------------------------------------|-----------------------------------|
| <b>Company:</b>  | Devon Energy             | <b>Local Co-ordinate Reference:</b> | Well Shire 22-15 Fed Com 613H     |
| <b>Project:</b>  | Eddy County, NM (NAD83)  | <b>TVD Reference:</b>               | 3346.9' GE + 25' KB @ 3371.90usft |
| <b>Site:</b>     | Shire 22-15 Fed Com      | <b>MD Reference:</b>                | 3346.9' GE + 25' KB @ 3371.90usft |
| <b>Well:</b>     | Shire 22-15 Fed Com 613H | <b>North Reference:</b>             | Grid                              |
| <b>Wellbore:</b> | OH                       | <b>Survey Calculation Method:</b>   | Minimum Curvature                 |
| <b>Design:</b>   | OH                       | <b>Database:</b>                    | EDM 5000.15 Single User Db        |

|                    |                           |                      |                |
|--------------------|---------------------------|----------------------|----------------|
| <b>Project</b>     | Eddy County, NM (NAD83)   |                      |                |
| <b>Map System:</b> | US State Plane 1983       | <b>System Datum:</b> | Mean Sea Level |
| <b>Geo Datum:</b>  | North American Datum 1983 |                      |                |
| <b>Map Zone:</b>   | New Mexico Eastern Zone   |                      |                |

|                       |           |                     |                 |                   |             |
|-----------------------|-----------|---------------------|-----------------|-------------------|-------------|
| Site                  |           | Shire 22-15 Fed Com |                 |                   |             |
| Site Position:        |           | Northing:           | 404,045.55 usft | Latitude:         | 32.109517   |
| From:                 | Map       | Easting:            | 717,871.61 usft | Longitude:        | -103.763172 |
| Position Uncertainty: | 0.00 usft | Slot Radius:        | 13-3/16 "       | Grid Convergence: | 0.30 °      |

| Well                 | Shire 22-15 Fed Com 613H |           |                     |                 |               |               |
|----------------------|--------------------------|-----------|---------------------|-----------------|---------------|---------------|
| Well Position        | +N/-S                    | 0.00 usft | Northing:           | 404,045.55 usft | Latitude:     | 32.109517     |
|                      | +E/-W                    | 0.00 usft | Easting:            | 717,871.61 usft | Longitude:    | -103.763172   |
| Position Uncertainty |                          | 0.00 usft | Wellhead Elevation: | usft            | Ground Level: | 3,346.90 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> |
|                  | IGRF2020          | 1/12/2021          | 6.67                   | 59.78                | 47,450.71298786            |

|                          |                                |                     |                     |                      |           |
|--------------------------|--------------------------------|---------------------|---------------------|----------------------|-----------|
| <b>Design</b>            | OH                             |                     |                     |                      |           |
| <b>Audit Notes:</b>      |                                |                     |                     |                      |           |
| <b>Version:</b>          | 1.0                            | <b>Phase:</b>       | ACTUAL              | <b>Tie On Depth:</b> | 11,212.00 |
| <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                | 357.11               |           |

|                       |                  |                              |                  |                     |  |
|-----------------------|------------------|------------------------------|------------------|---------------------|--|
| <b>Survey Program</b> | <b>Date</b>      | 4/15/2021                    |                  |                     |  |
| <b>From (usft)</b>    | <b>To (usft)</b> | <b>Survey (Wellbore)</b>     | <b>Tool Name</b> | <b>Description</b>  |  |
| 178.00                | 11,212.00        | Survey #1 - MWD (Pilot Hole) | OWSG (Rev2) MWD  | OWSG MWD - Standard |  |
| 11,337.00             | 22,014.00        | Survey #1 - MWD (OH)         | OWSG (Rev2) MWD  | OWSG MWD - Standard |  |
| 22,073.00             | 22,073.00        | Survey #2 - Proj to TD (OH)  | BLIND            | OWSG BLIND          |  |

|                                       |                        |                    |                              |                     |                     |                                |                                |                               |                              |  |
|---------------------------------------|------------------------|--------------------|------------------------------|---------------------|---------------------|--------------------------------|--------------------------------|-------------------------------|------------------------------|--|
| <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                         |  |
| <b>SHL (Shire 22-15 Fed Com 613H)</b> |                        |                    |                              |                     |                     |                                |                                |                               |                              |  |
| 178.00                                | 0.10                   | 289.20             | 178.00                       | 0.05                | -0.15               | 0.06                           | 0.06                           | 0.06                          | 0.00                         |  |
| 268.00                                | 0.20                   | 270.20             | 268.00                       | 0.08                | -0.38               | 0.10                           | 0.12                           | 0.11                          | -21.11                       |  |
| 359.00                                | 0.20                   | 243.20             | 359.00                       | 0.01                | -0.68               | 0.04                           | 0.10                           | 0.00                          | -29.67                       |  |
| 450.00                                | 0.20                   | 329.10             | 450.00                       | 0.07                | -0.90               | 0.12                           | 0.30                           | 0.00                          | 94.40                        |  |
| 538.00                                | 0.40                   | 48.30              | 538.00                       | 0.41                | -0.75               | 0.44                           | 0.47                           | 0.23                          | 90.00                        |  |
| 627.00                                | 0.50                   | 52.70              | 626.99                       | 0.85                | -0.21               | 0.86                           | 0.12                           | 0.11                          | 4.94                         |  |
| 719.00                                | 0.40                   | 57.30              | 718.99                       | 1.27                | 0.38                | 1.25                           | 0.12                           | -0.11                         | 5.00                         |  |



## Total Directional Services

## Survey Report



|                  |                          |                                     |                                   |
|------------------|--------------------------|-------------------------------------|-----------------------------------|
| <b>Company:</b>  | Devon Energy             | <b>Local Co-ordinate Reference:</b> | Well Shire 22-15 Fed Com 613H     |
| <b>Project:</b>  | Eddy County, NM (NAD83)  | <b>TVD Reference:</b>               | 3346.9' GE + 25' KB @ 3371.90usft |
| <b>Site:</b>     | Shire 22-15 Fed Com      | <b>MD Reference:</b>                | 3346.9' GE + 25' KB @ 3371.90usft |
| <b>Well:</b>     | Shire 22-15 Fed Com 613H | <b>North Reference:</b>             | Grid                              |
| <b>Wellbore:</b> | OH                       | <b>Survey Calculation Method:</b>   | Minimum Curvature                 |
| <b>Design:</b>   | OH                       | <b>Database:</b>                    | EDM 5000.15 Single User Db        |

| 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) |  |
| 809.00                | 0.40            | 50.40       | 808.99                | 1.64         | 0.89         | 1.59                    | 0.05                    | 0.00                   | -7.67                 |  |
| 899.00                | 0.60            | 50.10       | 898.99                | 2.14         | 1.49         | 2.06                    | 0.22                    | 0.22                   | -0.33                 |  |
| 990.00                | 0.40            | 105.50      | 989.98                | 2.36         | 2.16         | 2.25                    | 0.55                    | -0.22                  | 60.88                 |  |
| 1,080.00              | 0.40            | 102.60      | 1,079.98              | 2.21         | 2.77         | 2.06                    | 0.02                    | 0.00                   | -3.22                 |  |
| 1,131.00              | 0.50            | 111.40      | 1,130.98              | 2.09         | 3.15         | 1.92                    | 0.24                    | 0.20                   | 17.25                 |  |
| 1,228.00              | 0.60            | 149.00      | 1,227.98              | 1.50         | 3.81         | 1.30                    | 0.38                    | 0.10                   | 38.76                 |  |
| 1,320.00              | 0.80            | 157.60      | 1,319.97              | 0.49         | 4.30         | 0.27                    | 0.24                    | 0.22                   | 9.35                  |  |
| 1,411.00              | 0.80            | 164.50      | 1,410.96              | -0.71        | 4.71         | -0.95                   | 0.11                    | 0.00                   | 7.58                  |  |
| 1,505.00              | 0.80            | 177.40      | 1,504.95              | -2.00        | 4.92         | -2.24                   | 0.19                    | 0.00                   | 13.72                 |  |
| 1,599.00              | 1.10            | 188.70      | 1,598.94              | -3.54        | 4.81         | -3.78                   | 0.37                    | 0.32                   | 12.02                 |  |
| 1,693.00              | 0.90            | 179.00      | 1,692.92              | -5.17        | 4.69         | -5.40                   | 0.28                    | -0.21                  | -10.32                |  |
| 1,788.00              | 0.90            | 185.10      | 1,787.91              | -6.66        | 4.63         | -6.89                   | 0.10                    | 0.00                   | 6.42                  |  |
| 1,882.00              | 1.00            | 192.50      | 1,881.90              | -8.20        | 4.39         | -8.41                   | 0.17                    | 0.11                   | 7.87                  |  |
| 1,976.00              | 1.00            | 200.40      | 1,975.88              | -9.77        | 3.93         | -9.96                   | 0.15                    | 0.00                   | 8.40                  |  |
| 2,070.00              | 1.20            | 209.00      | 2,069.87              | -11.40       | 3.16         | -11.54                  | 0.28                    | 0.21                   | 9.15                  |  |
| 2,164.00              | 1.10            | 214.60      | 2,163.85              | -13.00       | 2.17         | -13.10                  | 0.16                    | -0.11                  | 5.96                  |  |
| 2,258.00              | 1.20            | 220.40      | 2,257.83              | -14.50       | 1.02         | -14.53                  | 0.16                    | 0.11                   | 6.17                  |  |
| 2,353.00              | 1.40            | 215.80      | 2,352.80              | -16.19       | -0.30        | -16.16                  | 0.24                    | 0.21                   | -4.84                 |  |
| 2,448.00              | 3.30            | 224.40      | 2,447.72              | -19.09       | -2.89        | -18.92                  | 2.03                    | 2.00                   | 9.05                  |  |
| 2,542.00              | 5.00            | 230.80      | 2,541.47              | -23.61       | -7.96        | -23.18                  | 1.87                    | 1.81                   | 6.81                  |  |
| 2,636.00              | 6.00            | 232.50      | 2,635.04              | -29.19       | -15.03       | -28.40                  | 1.08                    | 1.06                   | 1.81                  |  |
| 2,731.00              | 6.20            | 225.60      | 2,729.50              | -35.80       | -22.64       | -34.62                  | 0.80                    | 0.21                   | -7.26                 |  |
| 2,825.00              | 6.70            | 222.80      | 2,822.91              | -43.38       | -29.99       | -41.81                  | 0.63                    | 0.53                   | -2.98                 |  |
| 2,919.00              | 6.30            | 235.20      | 2,916.31              | -50.35       | -37.95       | -48.37                  | 1.55                    | -0.43                  | 13.19                 |  |
| 3,013.00              | 6.20            | 237.80      | 3,009.75              | -55.99       | -46.48       | -53.58                  | 0.32                    | -0.11                  | 2.77                  |  |
| 3,108.00              | 6.20            | 234.50      | 3,104.19              | -61.71       | -55.00       | -58.85                  | 0.38                    | 0.00                   | -3.47                 |  |
| 3,202.00              | 5.80            | 248.00      | 3,197.68              | -66.43       | -63.54       | -63.14                  | 1.56                    | -0.43                  | 14.36                 |  |
| 3,296.00              | 6.20            | 252.40      | 3,291.17              | -69.75       | -72.78       | -65.99                  | 0.65                    | 0.43                   | 4.68                  |  |
| 3,390.00              | 6.50            | 251.10      | 3,384.59              | -73.01       | -82.65       | -68.74                  | 0.35                    | 0.32                   | -1.38                 |  |
| 3,484.00              | 6.40            | 246.80      | 3,478.00              | -76.79       | -92.50       | -72.03                  | 0.52                    | -0.11                  | -4.57                 |  |
| 3,578.00              | 5.50            | 237.00      | 3,571.49              | -81.31       | -101.09      | -76.10                  | 1.44                    | -0.96                  | -10.43                |  |
| 3,672.00              | 5.40            | 230.00      | 3,665.07              | -86.61       | -108.26      | -81.03                  | 0.71                    | -0.11                  | -7.45                 |  |
| 3,767.00              | 5.10            | 226.40      | 3,759.67              | -92.39       | -114.74      | -86.48                  | 0.47                    | -0.32                  | -3.79                 |  |
| 3,861.00              | 4.60            | 216.80      | 3,853.33              | -98.29       | -120.02      | -92.11                  | 1.01                    | -0.53                  | -10.21                |  |
| 3,955.00              | 4.80            | 220.00      | 3,947.02              | -104.32      | -124.81      | -97.89                  | 0.35                    | 0.21                   | 3.40                  |  |
| 4,049.00              | 5.50            | 225.10      | 4,040.64              | -110.52      | -130.53      | -103.79                 | 0.89                    | 0.74                   | 5.43                  |  |
| 4,144.00              | 5.40            | 222.00      | 4,135.21              | -117.05      | -136.75      | -110.00                 | 0.33                    | -0.11                  | -3.26                 |  |
| 4,238.00              | 5.10            | 218.20      | 4,228.81              | -123.62      | -142.29      | -116.28                 | 0.49                    | -0.32                  | -4.04                 |  |
| 4,332.00              | 5.40            | 239.50      | 4,322.43              | -129.15      | -148.68      | -121.48                 | 2.09                    | 0.32                   | 22.66                 |  |
| 4,426.00              | 5.70            | 246.60      | 4,415.99              | -133.25      | -156.78      | -125.17                 | 0.80                    | 0.32                   | 7.55                  |  |
| 4,520.00              | 5.60            | 245.40      | 4,509.53              | -137.01      | -165.23      | -128.50                 | 0.16                    | -0.11                  | -1.28                 |  |
| 4,614.00              | 5.40            | 244.80      | 4,603.10              | -140.81      | -173.41      | -131.87                 | 0.22                    | -0.21                  | -0.64                 |  |
| 4,708.00              | 5.10            | 244.90      | 4,696.71              | -144.46      | -181.19      | -135.13                 | 0.32                    | -0.32                  | 0.11                  |  |



## Total Directional Services

## Survey Report



|                  |                          |                                     |                                   |
|------------------|--------------------------|-------------------------------------|-----------------------------------|
| <b>Company:</b>  | Devon Energy             | <b>Local Co-ordinate Reference:</b> | Well Shire 22-15 Fed Com 613H     |
| <b>Project:</b>  | Eddy County, NM (NAD83)  | <b>TVD Reference:</b>               | 3346.9' GE + 25' KB @ 3371.90usft |
| <b>Site:</b>     | Shire 22-15 Fed Com      | <b>MD Reference:</b>                | 3346.9' GE + 25' KB @ 3371.90usft |
| <b>Well:</b>     | Shire 22-15 Fed Com 613H | <b>North Reference:</b>             | Grid                              |
| <b>Wellbore:</b> | OH                       | <b>Survey Calculation Method:</b>   | Minimum Curvature                 |
| <b>Design:</b>   | OH                       | <b>Database:</b>                    | EDM 5000.15 Single User Db        |

| 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) |
| 4,803.00              | 5.00            | 245.60      | 4,791.34              | -147.96      | -188.79      | -138.24                 | 0.12                    | -0.11                  | 0.74                  |
| 4,897.00              | 4.80            | 245.70      | 4,884.99              | -151.27      | -196.10      | -141.18                 | 0.21                    | -0.21                  | 0.11                  |
| 4,992.00              | 4.70            | 245.90      | 4,979.67              | -154.50      | -203.28      | -144.04                 | 0.11                    | -0.11                  | 0.21                  |
| 5,087.00              | 4.40            | 246.00      | 5,074.37              | -157.57      | -210.16      | -146.76                 | 0.32                    | -0.32                  | 0.11                  |
| 5,182.00              | 4.30            | 248.30      | 5,169.09              | -160.37      | -216.80      | -149.22                 | 0.21                    | -0.11                  | 2.42                  |
| 5,276.00              | 4.40            | 252.60      | 5,262.82              | -162.75      | -223.51      | -151.26                 | 0.36                    | 0.11                   | 4.57                  |
| 5,370.00              | 5.30            | 235.40      | 5,356.49              | -166.29      | -230.53      | -154.45                 | 1.81                    | 0.96                   | -18.30                |
| 5,465.00              | 5.50            | 233.70      | 5,451.07              | -171.48      | -237.81      | -159.26                 | 0.27                    | 0.21                   | -1.79                 |
| 5,559.00              | 5.10            | 232.60      | 5,544.67              | -176.68      | -244.76      | -164.11                 | 0.44                    | -0.43                  | -1.17                 |
| 5,653.00              | 4.80            | 230.80      | 5,638.32              | -181.71      | -251.12      | -168.80                 | 0.36                    | -0.32                  | -1.91                 |
| 5,748.00              | 4.70            | 231.50      | 5,732.99              | -186.64      | -257.25      | -173.42                 | 0.12                    | -0.11                  | 0.74                  |
| 5,842.00              | 4.50            | 231.00      | 5,826.69              | -191.36      | -263.13      | -177.84                 | 0.22                    | -0.21                  | -0.53                 |
| 5,937.00              | 4.30            | 231.00      | 5,921.41              | -195.95      | -268.79      | -182.13                 | 0.21                    | -0.21                  | 0.00                  |
| 6,031.00              | 4.10            | 230.40      | 6,015.15              | -200.31      | -274.12      | -186.22                 | 0.22                    | -0.21                  | -0.64                 |
| 6,126.00              | 3.80            | 229.60      | 6,109.93              | -204.51      | -279.14      | -190.16                 | 0.32                    | -0.32                  | -0.84                 |
| 6,220.00              | 4.00            | 228.80      | 6,203.71              | -208.69      | -283.97      | -194.09                 | 0.22                    | 0.21                   | -0.85                 |
| 6,315.00              | 4.70            | 229.80      | 6,298.44              | -213.39      | -289.44      | -198.50                 | 0.74                    | 0.74                   | 1.05                  |
| 6,410.00              | 4.70            | 230.30      | 6,393.12              | -218.38      | -295.41      | -203.19                 | 0.04                    | 0.00                   | 0.53                  |
| 6,504.00              | 5.20            | 230.10      | 6,486.77              | -223.58      | -301.64      | -208.07                 | 0.53                    | 0.53                   | -0.21                 |
| 6,598.00              | 5.50            | 232.00      | 6,580.36              | -229.08      | -308.46      | -213.22                 | 0.37                    | 0.32                   | 2.02                  |
| 6,693.00              | 5.10            | 230.20      | 6,674.95              | -234.59      | -315.29      | -218.37                 | 0.46                    | -0.42                  | -1.89                 |
| 6,787.00              | 5.00            | 230.00      | 6,768.59              | -239.90      | -321.64      | -223.36                 | 0.11                    | -0.11                  | -0.21                 |
| 6,880.00              | 4.50            | 228.60      | 6,861.27              | -244.91      | -327.48      | -228.07                 | 0.55                    | -0.54                  | -1.51                 |
| 6,975.00              | 4.30            | 229.30      | 6,955.99              | -249.70      | -332.97      | -232.58                 | 0.22                    | -0.21                  | 0.74                  |
| 7,069.00              | 4.00            | 229.20      | 7,049.74              | -254.14      | -338.13      | -236.75                 | 0.32                    | -0.32                  | -0.11                 |
| 7,163.00              | 3.70            | 227.10      | 7,143.53              | -258.35      | -342.83      | -240.71                 | 0.35                    | -0.32                  | -2.23                 |
| 7,257.00              | 3.50            | 228.50      | 7,237.34              | -262.31      | -347.20      | -244.45                 | 0.23                    | -0.21                  | 1.49                  |
| 7,351.00              | 3.20            | 228.70      | 7,331.18              | -265.95      | -351.32      | -247.87                 | 0.32                    | -0.32                  | 0.21                  |
| 7,446.00              | 3.40            | 238.80      | 7,426.02              | -269.16      | -355.72      | -250.86                 | 0.65                    | 0.21                   | 10.63                 |
| 7,540.00              | 3.80            | 242.40      | 7,519.84              | -272.04      | -360.87      | -253.48                 | 0.49                    | 0.43                   | 3.83                  |
| 7,635.00              | 3.60            | 239.50      | 7,614.64              | -275.01      | -366.23      | -256.18                 | 0.29                    | -0.21                  | -3.05                 |
| 7,729.00              | 4.10            | 249.30      | 7,708.43              | -277.70      | -371.91      | -258.57                 | 0.88                    | 0.53                   | 10.43                 |
| 7,824.00              | 4.30            | 249.70      | 7,803.17              | -280.14      | -378.43      | -260.68                 | 0.21                    | 0.21                   | 0.42                  |
| 7,918.00              | 3.90            | 248.20      | 7,896.93              | -282.55      | -384.70      | -262.77                 | 0.44                    | -0.43                  | -1.60                 |
| 8,012.00              | 3.60            | 246.00      | 7,990.73              | -284.93      | -390.37      | -264.87                 | 0.35                    | -0.32                  | -2.34                 |
| 8,106.00              | 3.40            | 242.90      | 8,084.56              | -287.40      | -395.54      | -267.07                 | 0.29                    | -0.21                  | -3.30                 |
| 8,200.00              | 4.00            | 258.40      | 8,178.36              | -289.33      | -401.24      | -268.71                 | 1.24                    | 0.64                   | 16.49                 |
| 8,293.00              | 4.00            | 261.20      | 8,271.14              | -290.48      | -407.62      | -269.54                 | 0.21                    | 0.00                   | 3.01                  |
| 8,387.00              | 3.50            | 259.80      | 8,364.94              | -291.49      | -413.68      | -270.24                 | 0.54                    | -0.53                  | -1.49                 |
| 8,481.00              | 2.90            | 259.30      | 8,458.79              | -292.44      | -418.85      | -270.93                 | 0.64                    | -0.64                  | -0.53                 |
| 8,575.00              | 2.20            | 263.50      | 8,552.69              | -293.09      | -422.97      | -271.36                 | 0.77                    | -0.74                  | 4.47                  |
| 8,669.00              | 1.50            | 265.00      | 8,646.65              | -293.40      | -425.99      | -271.52                 | 0.75                    | -0.74                  | 1.60                  |
| 8,763.00              | 1.50            | 243.30      | 8,740.61              | -294.06      | -428.32      | -272.06                 | 0.60                    | 0.00                   | -23.09                |
| 8,857.00              | 1.50            | 241.70      | 8,834.58              | -295.19      | -430.50      | -273.09                 | 0.04                    | 0.00                   | -1.70                 |



## Total Directional Services

## Survey Report



|                  |                          |                                     |                                   |
|------------------|--------------------------|-------------------------------------|-----------------------------------|
| <b>Company:</b>  | Devon Energy             | <b>Local Co-ordinate Reference:</b> | Well Shire 22-15 Fed Com 613H     |
| <b>Project:</b>  | Eddy County, NM (NAD83)  | <b>TVD Reference:</b>               | 3346.9' GE + 25' KB @ 3371.90usft |
| <b>Site:</b>     | Shire 22-15 Fed Com      | <b>MD Reference:</b>                | 3346.9' GE + 25' KB @ 3371.90usft |
| <b>Well:</b>     | Shire 22-15 Fed Com 613H | <b>North Reference:</b>             | Grid                              |
| <b>Wellbore:</b> | OH                       | <b>Survey Calculation Method:</b>   | Minimum Curvature                 |
| <b>Design:</b>   | OH                       | <b>Database:</b>                    | EDM 5000.15 Single User Db        |

| 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) |
| 8,951.00                             | 1.90            | 252.50      | 8,928.54              | -296.25      | -433.07      | -274.01                 | 0.54                    | 0.43                   | 11.49                 |
| 9,046.00                             | 2.20            | 262.00      | 9,023.48              | -296.97      | -436.38      | -274.57                 | 0.48                    | 0.32                   | 10.00                 |
| 9,140.00                             | 2.20            | 257.30      | 9,117.41              | -297.62      | -439.92      | -275.04                 | 0.19                    | 0.00                   | -5.00                 |
| 9,233.00                             | 2.20            | 245.30      | 9,210.34              | -298.76      | -443.29      | -276.00                 | 0.49                    | 0.00                   | -12.90                |
| 9,327.00                             | 1.80            | 278.20      | 9,304.29              | -299.30      | -446.39      | -276.39                 | 1.27                    | -0.43                  | 35.00                 |
| 9,422.00                             | 1.80            | 288.00      | 9,399.24              | -298.63      | -449.28      | -275.57                 | 0.32                    | 0.00                   | 10.32                 |
| 9,517.00                             | 1.50            | 278.10      | 9,494.20              | -297.99      | -451.93      | -274.80                 | 0.43                    | -0.32                  | -10.42                |
| 9,611.00                             | 1.30            | 269.50      | 9,588.17              | -297.83      | -454.22      | -274.52                 | 0.31                    | -0.21                  | -9.15                 |
| 9,705.00                             | 1.10            | 259.20      | 9,682.15              | -298.01      | -456.17      | -274.60                 | 0.31                    | -0.21                  | -10.96                |
| 9,799.00                             | 1.20            | 248.60      | 9,776.13              | -298.54      | -457.97      | -275.04                 | 0.25                    | 0.11                   | -11.28                |
| 9,892.00                             | 1.30            | 244.00      | 9,869.11              | -299.35      | -459.83      | -275.76                 | 0.15                    | 0.11                   | -4.95                 |
| 9,986.00                             | 1.10            | 235.20      | 9,963.09              | -300.34      | -461.53      | -276.66                 | 0.29                    | -0.21                  | -9.36                 |
| 10,081.00                            | 0.80            | 216.20      | 10,058.08             | -301.39      | -462.67      | -277.65                 | 0.45                    | -0.32                  | -20.00                |
| 10,175.00                            | 0.90            | 194.60      | 10,152.07             | -302.63      | -463.24      | -278.87                 | 0.35                    | 0.11                   | -22.98                |
| 10,269.00                            | 1.20            | 194.60      | 10,246.05             | -304.30      | -463.68      | -280.51                 | 0.32                    | 0.32                   | 0.00                  |
| 10,364.00                            | 1.40            | 193.40      | 10,341.03             | -306.39      | -464.19      | -282.57                 | 0.21                    | 0.21                   | -1.26                 |
| 10,457.00                            | 1.70            | 183.50      | 10,433.99             | -308.88      | -464.54      | -285.03                 | 0.43                    | 0.32                   | -10.65                |
| 10,552.00                            | 1.90            | 183.70      | 10,528.95             | -311.85      | -464.73      | -288.00                 | 0.21                    | 0.21                   | 0.21                  |
| 10,647.00                            | 2.30            | 182.30      | 10,623.88             | -315.33      | -464.91      | -291.46                 | 0.42                    | 0.42                   | -1.47                 |
| 10,741.00                            | 1.80            | 191.80      | 10,717.82             | -318.66      | -465.29      | -294.77                 | 0.64                    | -0.53                  | 10.11                 |
| 10,835.00                            | 2.00            | 240.70      | 10,811.78             | -320.91      | -467.02      | -296.93                 | 1.68                    | 0.21                   | 52.02                 |
| 10,929.00                            | 2.20            | 254.80      | 10,905.71             | -322.18      | -470.19      | -298.04                 | 0.59                    | 0.21                   | 15.00                 |
| 11,024.00                            | 2.00            | 255.60      | 11,000.65             | -323.07      | -473.56      | -298.76                 | 0.21                    | -0.21                  | 0.84                  |
| 11,118.00                            | 2.10            | 257.40      | 11,094.59             | -323.86      | -476.82      | -299.38                 | 0.13                    | 0.11                   | 1.91                  |
| 11,212.00                            | 2.20            | 262.70      | 11,188.52             | -324.46      | -480.29      | -299.81                 | 0.24                    | 0.11                   | 5.64                  |
| <b>KOP</b>                           |                 |             |                       |              |              |                         |                         |                        |                       |
| 11,337.00                            | 14.20           | 340.00      | 11,312.17             | -310.29      | -487.96      | -285.27                 | 11.10                   | 9.60                   | 61.84                 |
| 11,426.00                            | 21.50           | 341.10      | 11,396.83             | -284.57      | -496.98      | -259.12                 | 8.21                    | 8.20                   | 1.24                  |
| 11,502.33                            | 29.46           | 345.62      | 11,465.69             | -253.10      | -506.19      | -227.23                 | 10.73                   | 10.43                  | 5.92                  |
| <b>100' FSL HL Crossing</b>          |                 |             |                       |              |              |                         |                         |                        |                       |
| 11,516.00                            | 30.90           | 346.20      | 11,477.51             | -246.43      | -507.87      | -220.48                 | 10.73                   | 10.52                  | 4.24                  |
| 11,607.00                            | 39.30           | 353.40      | 11,551.92             | -195.00      | -516.77      | -168.67                 | 10.28                   | 9.23                   | 7.91                  |
| 11,697.00                            | 50.00           | 358.50      | 11,615.88             | -132.02      | -520.96      | -105.56                 | 12.53                   | 11.89                  | 5.67                  |
| 11,788.00                            | 55.70           | 359.80      | 11,670.81             | -59.53       | -522.01      | -33.11                  | 6.37                    | 6.26                   | 1.43                  |
| 11,878.00                            | 62.30           | 358.40      | 11,717.14             | 17.56        | -523.25      | 43.95                   | 7.45                    | 7.33                   | -1.56                 |
| 11,968.00                            | 68.20           | 358.00      | 11,754.80             | 99.22        | -525.82      | 125.63                  | 6.57                    | 6.56                   | -0.44                 |
| 12,058.00                            | 74.10           | 359.40      | 11,783.87             | 184.33       | -527.74      | 210.73                  | 6.72                    | 6.56                   | 1.56                  |
| 12,123.59                            | 82.10           | 359.69      | 11,797.38             | 248.45       | -528.24      | 274.80                  | 12.21                   | 12.20                  | 0.44                  |
| <b>LP (Shire 22-15 Fed Com 613H)</b> |                 |             |                       |              |              |                         |                         |                        |                       |
| 12,149.00                            | 85.20           | 359.80      | 11,800.19             | 273.70       | -528.36      | 300.02                  | 12.21                   | 12.20                  | 0.43                  |
| 12,240.00                            | 92.20           | 1.40        | 11,802.26             | 364.62       | -527.40      | 390.77                  | 7.89                    | 7.69                   | 1.76                  |
| 12,335.00                            | 91.70           | 0.80        | 11,799.03             | 459.54       | -525.58      | 485.49                  | 0.82                    | -0.53                  | -0.63                 |
| 12,430.00                            | 91.60           | 0.20        | 11,796.29             | 554.50       | -524.75      | 580.28                  | 0.64                    | -0.11                  | -0.63                 |



## Total Directional Services

## Survey Report



|                  |                          |                                     |                                   |
|------------------|--------------------------|-------------------------------------|-----------------------------------|
| <b>Company:</b>  | Devon Energy             | <b>Local Co-ordinate Reference:</b> | Well Shire 22-15 Fed Com 613H     |
| <b>Project:</b>  | Eddy County, NM (NAD83)  | <b>TVD Reference:</b>               | 3346.9' GE + 25' KB @ 3371.90usft |
| <b>Site:</b>     | Shire 22-15 Fed Com      | <b>MD Reference:</b>                | 3346.9' GE + 25' KB @ 3371.90usft |
| <b>Well:</b>     | Shire 22-15 Fed Com 613H | <b>North Reference:</b>             | Grid                              |
| <b>Wellbore:</b> | OH                       | <b>Survey Calculation Method:</b>   | Minimum Curvature                 |
| <b>Design:</b>   | OH                       | <b>Database:</b>                    | EDM 5000.15 Single User Db        |

| 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) |
| 12,524.00             | 89.60           | 358.90      | 11,795.31             | 648.49       | -525.49      | 674.18                  | 2.54                    | -2.13                  | -1.38                 |
| 12,618.00             | 90.10           | 358.80      | 11,795.55             | 742.47       | -527.38      | 768.14                  | 0.54                    | 0.53                   | -0.11                 |
| 12,712.00             | 84.20           | 358.10      | 11,800.22             | 836.27       | -529.91      | 861.95                  | 6.32                    | -6.28                  | -0.74                 |
| 12,807.00             | 86.40           | 356.80      | 11,808.01             | 930.85       | -534.13      | 956.63                  | 2.69                    | 2.32                   | -1.37                 |
| 12,901.00             | 86.20           | 356.70      | 11,814.07             | 1,024.50     | -539.44      | 1,050.43                | 0.24                    | -0.21                  | -0.11                 |
| 12,995.00             | 88.70           | 356.20      | 11,818.26             | 1,118.22     | -545.26      | 1,144.32                | 2.71                    | 2.66                   | -0.53                 |
| 13,089.00             | 90.00           | 356.80      | 11,819.32             | 1,212.04     | -551.00      | 1,238.31                | 1.52                    | 1.38                   | 0.64                  |
| 13,183.00             | 90.80           | 356.80      | 11,818.67             | 1,305.89     | -556.24      | 1,332.30                | 0.85                    | 0.85                   | 0.00                  |
| 13,278.00             | 91.40           | 356.10      | 11,816.84             | 1,400.69     | -562.12      | 1,427.28                | 0.97                    | 0.63                   | -0.74                 |
| 13,371.00             | 91.00           | 355.20      | 11,814.89             | 1,493.40     | -569.18      | 1,520.23                | 1.06                    | -0.43                  | -0.97                 |
| 13,466.00             | 89.90           | 355.00      | 11,814.15             | 1,588.05     | -577.29      | 1,615.16                | 1.18                    | -1.16                  | -0.21                 |
| 13,553.00             | 88.20           | 355.20      | 11,815.59             | 1,674.72     | -584.72      | 1,702.09                | 1.97                    | -1.95                  | 0.23                  |
| 13,647.00             | 89.60           | 357.90      | 11,817.40             | 1,768.52     | -590.38      | 1,796.06                | 3.23                    | 1.49                   | 2.87                  |
| 13,741.00             | 89.10           | 357.80      | 11,818.46             | 1,862.44     | -593.90      | 1,890.05                | 0.54                    | -0.53                  | -0.11                 |
| 13,835.00             | 89.50           | 359.20      | 11,819.61             | 1,956.40     | -596.36      | 1,984.01                | 1.55                    | 0.43                   | 1.49                  |
| 13,930.00             | 90.10           | 359.30      | 11,819.94             | 2,051.39     | -597.61      | 2,078.94                | 0.64                    | 0.63                   | 0.11                  |
| 14,024.00             | 92.50           | 1.20        | 11,817.81             | 2,145.36     | -597.20      | 2,172.77                | 3.26                    | 2.55                   | 2.02                  |
| 14,118.00             | 89.60           | 358.60      | 11,816.09             | 2,239.32     | -597.36      | 2,266.62                | 4.14                    | -3.09                  | -2.77                 |
| 14,213.00             | 89.90           | 0.00        | 11,816.50             | 2,334.31     | -598.52      | 2,361.55                | 1.51                    | 0.32                   | 1.47                  |
| 14,306.00             | 90.40           | 2.10        | 11,816.26             | 2,427.29     | -596.82      | 2,454.32                | 2.32                    | 0.54                   | 2.26                  |
| 14,400.00             | 90.80           | 3.10        | 11,815.27             | 2,521.19     | -592.55      | 2,547.88                | 1.15                    | 0.43                   | 1.06                  |
| 14,494.00             | 88.70           | 1.30        | 11,815.68             | 2,615.11     | -588.95      | 2,641.50                | 2.94                    | -2.23                  | -1.91                 |
| 14,588.00             | 90.00           | 3.90        | 11,816.75             | 2,709.00     | -584.68      | 2,735.05                | 3.09                    | 1.38                   | 2.77                  |
| 14,681.00             | 88.90           | 6.90        | 11,817.64             | 2,801.57     | -575.93      | 2,827.07                | 3.44                    | -1.18                  | 3.23                  |
| 14,776.00             | 89.20           | 6.70        | 11,819.22             | 2,895.89     | -564.69      | 2,920.70                | 0.38                    | 0.32                   | -0.21                 |
| 14,871.00             | 90.20           | 6.90        | 11,819.71             | 2,990.21     | -553.44      | 3,014.34                | 1.07                    | 1.05                   | 0.21                  |
| 14,965.00             | 89.80           | 4.10        | 11,819.71             | 3,083.77     | -544.43      | 3,107.32                | 3.01                    | -0.43                  | -2.98                 |
| 15,059.00             | 90.00           | 3.70        | 11,819.88             | 3,177.55     | -538.04      | 3,200.66                | 0.48                    | 0.21                   | -0.43                 |
| 15,153.00             | 92.10           | 3.20        | 11,818.16             | 3,271.36     | -532.38      | 3,294.06                | 2.30                    | 2.23                   | -0.53                 |
| 15,247.00             | 91.50           | 2.40        | 11,815.20             | 3,365.20     | -527.79      | 3,387.55                | 1.06                    | -0.64                  | -0.85                 |
| 15,342.00             | 89.90           | 1.30        | 11,814.04             | 3,460.14     | -524.72      | 3,482.22                | 2.04                    | -1.68                  | -1.16                 |
| 15,436.00             | 90.40           | 1.20        | 11,813.80             | 3,554.12     | -522.67      | 3,575.97                | 0.54                    | 0.53                   | -0.11                 |
| 15,530.00             | 91.80           | 2.10        | 11,811.99             | 3,648.06     | -519.97      | 3,669.65                | 1.77                    | 1.49                   | 0.96                  |
| 15,624.00             | 90.40           | 0.70        | 11,810.19             | 3,742.01     | -517.67      | 3,763.37                | 2.11                    | -1.49                  | -1.49                 |
| 15,718.00             | 90.10           | 0.70        | 11,809.78             | 3,836.00     | -516.52      | 3,857.18                | 0.32                    | -0.32                  | 0.00                  |
| 15,812.00             | 90.20           | 0.40        | 11,809.53             | 3,930.00     | -515.62      | 3,951.01                | 0.34                    | 0.11                   | -0.32                 |
| 15,907.00             | 90.50           | 0.30        | 11,808.95             | 4,024.99     | -515.04      | 4,045.86                | 0.33                    | 0.32                   | -0.11                 |
| 16,001.00             | 91.50           | 0.50        | 11,807.31             | 4,118.97     | -514.38      | 4,139.69                | 1.08                    | 1.06                   | 0.21                  |
| 16,094.00             | 91.90           | 0.30        | 11,804.55             | 4,211.93     | -513.74      | 4,232.49                | 0.48                    | 0.43                   | -0.22                 |
| 16,189.00             | 92.20           | 0.00        | 11,801.15             | 4,306.87     | -513.49      | 4,327.30                | 0.45                    | 0.32                   | -0.32                 |
| 16,283.00             | 90.80           | 1.20        | 11,798.69             | 4,400.83     | -512.50      | 4,421.09                | 1.96                    | -1.49                  | 1.28                  |
| 16,377.00             | 89.00           | 0.60        | 11,798.86             | 4,494.81     | -511.03      | 4,514.88                | 2.02                    | -1.91                  | -0.64                 |
| 16,471.00             | 90.10           | 0.80        | 11,799.60             | 4,588.80     | -509.88      | 4,608.69                | 1.19                    | 1.17                   | 0.21                  |
| 16,566.00             | 88.50           | 359.70      | 11,800.76             | 4,683.79     | -509.46      | 4,703.53                | 2.04                    | -1.68                  | -1.16                 |



## Total Directional Services

## Survey Report



|                  |                          |                                     |                                   |
|------------------|--------------------------|-------------------------------------|-----------------------------------|
| <b>Company:</b>  | Devon Energy             | <b>Local Co-ordinate Reference:</b> | Well Shire 22-15 Fed Com 613H     |
| <b>Project:</b>  | Eddy County, NM (NAD83)  | <b>TVD Reference:</b>               | 3346.9' GE + 25' KB @ 3371.90usft |
| <b>Site:</b>     | Shire 22-15 Fed Com      | <b>MD Reference:</b>                | 3346.9' GE + 25' KB @ 3371.90usft |
| <b>Well:</b>     | Shire 22-15 Fed Com 613H | <b>North Reference:</b>             | Grid                              |
| <b>Wellbore:</b> | OH                       | <b>Survey Calculation Method:</b>   | Minimum Curvature                 |
| <b>Design:</b>   | OH                       | <b>Database:</b>                    | EDM 5000.15 Single User Db        |

| 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) |
| 16,660.00              | 88.40           | 359.20      | 11,803.30             | 4,777.75     | -510.37      | 4,797.42                | 0.54                    | -0.11                  | -0.53                 |
| 16,754.00              | 88.10           | 358.90      | 11,806.17             | 4,871.69     | -511.92      | 4,891.32                | 0.45                    | -0.32                  | -0.32                 |
| 16,817.99              | 89.67           | 358.76      | 11,807.42             | 4,935.66     | -513.23      | 4,955.27                | 2.46                    | 2.45                   | -0.21                 |
| <b>S22/15 Crossing</b> |                 |             |                       |              |              |                         |                         |                        |                       |
| 16,848.00              | 90.40           | 358.70      | 11,807.40             | 4,965.66     | -513.89      | 4,985.27                | 2.46                    | 2.45                   | -0.21                 |
| 16,942.00              | 90.40           | 358.40      | 11,806.74             | 5,059.63     | -516.27      | 5,079.23                | 0.32                    | 0.00                   | -0.32                 |
| 17,037.00              | 93.00           | 359.70      | 11,803.93             | 5,154.56     | -517.84      | 5,174.13                | 3.06                    | 2.74                   | 1.37                  |
| 17,131.00              | 92.90           | 359.80      | 11,799.09             | 5,248.43     | -518.25      | 5,267.90                | 0.15                    | -0.11                  | 0.11                  |
| 17,225.00              | 92.20           | 358.70      | 11,794.91             | 5,342.33     | -519.48      | 5,361.74                | 1.39                    | -0.74                  | -1.17                 |
| 17,319.00              | 90.00           | 356.40      | 11,793.10             | 5,436.22     | -523.50      | 5,455.71                | 3.39                    | -2.34                  | -2.45                 |
| 17,414.00              | 90.90           | 357.70      | 11,792.35             | 5,531.08     | -528.39      | 5,550.70                | 1.66                    | 0.95                   | 1.37                  |
| 17,509.00              | 90.00           | 357.90      | 11,791.61             | 5,626.01     | -532.04      | 5,645.69                | 0.97                    | -0.95                  | 0.21                  |
| 17,603.00              | 92.10           | 359.50      | 11,789.89             | 5,719.96     | -534.17      | 5,739.63                | 2.81                    | 2.23                   | 1.70                  |
| 17,697.00              | 91.00           | 359.10      | 11,787.34             | 5,813.92     | -535.32      | 5,833.53                | 1.25                    | -1.17                  | -0.43                 |
| 17,791.00              | 91.00           | 359.70      | 11,785.70             | 5,907.90     | -536.30      | 5,927.44                | 0.64                    | 0.00                   | 0.64                  |
| 17,885.00              | 89.30           | 358.40      | 11,785.46             | 6,001.88     | -537.86      | 6,021.38                | 2.28                    | -1.81                  | -1.38                 |
| 17,979.00              | 88.40           | 359.20      | 11,787.34             | 6,095.84     | -539.83      | 6,115.32                | 1.28                    | -0.96                  | 0.85                  |
| 18,073.00              | 90.30           | 2.30        | 11,788.41             | 6,189.81     | -538.60      | 6,209.10                | 3.87                    | 2.02                   | 3.30                  |
| 18,168.00              | 92.10           | 3.50        | 11,786.42             | 6,284.66     | -533.79      | 6,303.59                | 2.28                    | 1.89                   | 1.26                  |
| 18,262.00              | 92.10           | 3.40        | 11,782.98             | 6,378.43     | -528.14      | 6,396.96                | 0.11                    | 0.00                   | -0.11                 |
| 18,356.00              | 90.90           | 2.50        | 11,780.51             | 6,472.27     | -523.30      | 6,490.43                | 1.60                    | -1.28                  | -0.96                 |
| 18,451.00              | 90.30           | 1.80        | 11,779.52             | 6,567.20     | -519.74      | 6,585.06                | 0.97                    | -0.63                  | -0.74                 |
| 18,545.00              | 90.40           | 1.20        | 11,778.95             | 6,661.16     | -517.28      | 6,678.78                | 0.65                    | 0.11                   | -0.64                 |
| 18,640.00              | 90.40           | 1.10        | 11,778.28             | 6,756.14     | -515.37      | 6,773.54                | 0.11                    | 0.00                   | -0.11                 |
| 18,734.00              | 90.40           | 1.10        | 11,777.63             | 6,850.12     | -513.57      | 6,867.31                | 0.00                    | 0.00                   | 0.00                  |
| 18,829.00              | 88.50           | 0.10        | 11,778.54             | 6,945.10     | -512.57      | 6,962.12                | 2.26                    | -2.00                  | -1.05                 |
| 18,923.00              | 88.70           | 0.90        | 11,780.84             | 7,039.07     | -511.75      | 7,055.93                | 0.88                    | 0.21                   | 0.85                  |
| 19,017.00              | 89.90           | 0.30        | 11,781.98             | 7,133.06     | -510.77      | 7,149.75                | 1.43                    | 1.28                   | -0.64                 |
| 19,111.00              | 92.00           | 0.60        | 11,780.43             | 7,227.04     | -510.03      | 7,243.57                | 2.26                    | 2.23                   | 0.32                  |
| 19,205.00              | 94.00           | 0.70        | 11,775.51             | 7,320.90     | -508.97      | 7,337.26                | 2.13                    | 2.13                   | 0.11                  |
| 19,299.00              | 94.30           | 0.10        | 11,768.70             | 7,414.65     | -508.31      | 7,430.85                | 0.71                    | 0.32                   | -0.64                 |
| 19,393.00              | 91.60           | 0.70        | 11,763.87             | 7,508.51     | -507.66      | 7,524.56                | 2.94                    | -2.87                  | 0.64                  |
| 19,487.00              | 89.60           | 1.00        | 11,762.88             | 7,602.49     | -506.26      | 7,618.35                | 2.15                    | -2.13                  | 0.32                  |
| 19,581.00              | 91.00           | 3.00        | 11,762.39             | 7,696.43     | -502.98      | 7,712.00                | 2.60                    | 1.49                   | 2.13                  |
| 19,675.00              | 91.00           | 1.40        | 11,760.75             | 7,790.34     | -499.37      | 7,805.61                | 1.70                    | 0.00                   | -1.70                 |
| 19,769.00              | 89.30           | 0.80        | 11,760.50             | 7,884.32     | -497.57      | 7,899.38                | 1.92                    | -1.81                  | -0.64                 |
| 19,864.00              | 91.80           | 2.20        | 11,759.59             | 7,979.27     | -495.08      | 7,994.09                | 3.02                    | 2.63                   | 1.47                  |
| 19,956.00              | 86.40           | 1.70        | 11,761.04             | 8,071.17     | -491.95      | 8,085.72                | 5.89                    | -5.87                  | -0.54                 |
| 20,051.00              | 87.20           | 0.50        | 11,766.34             | 8,166.00     | -490.13      | 8,180.33                | 1.52                    | 0.84                   | -1.26                 |
| 20,146.00              | 88.90           | 0.40        | 11,769.57             | 8,260.94     | -489.39      | 8,275.11                | 1.79                    | 1.79                   | -0.11                 |
| 20,240.00              | 90.30           | 1.60        | 11,770.23             | 8,354.92     | -487.75      | 8,368.89                | 1.96                    | 1.49                   | 1.28                  |
| 20,335.00              | 90.20           | 1.10        | 11,769.81             | 8,449.89     | -485.51      | 8,463.63                | 0.54                    | -0.11                  | -0.53                 |
| 20,430.00              | 89.90           | 2.40        | 11,769.73             | 8,544.85     | -482.61      | 8,558.32                | 1.40                    | -0.32                  | 1.37                  |



## Total Directional Services

### Survey Report



|                  |                          |                                     |                                   |
|------------------|--------------------------|-------------------------------------|-----------------------------------|
| <b>Company:</b>  | Devon Energy             | <b>Local Co-ordinate Reference:</b> | Well Shire 22-15 Fed Com 613H     |
| <b>Project:</b>  | Eddy County, NM (NAD83)  | <b>TVD Reference:</b>               | 3346.9' GE + 25' KB @ 3371.90usft |
| <b>Site:</b>     | Shire 22-15 Fed Com      | <b>MD Reference:</b>                | 3346.9' GE + 25' KB @ 3371.90usft |
| <b>Well:</b>     | Shire 22-15 Fed Com 613H | <b>North Reference:</b>             | Grid                              |
| <b>Wellbore:</b> | OH                       | <b>Survey Calculation Method:</b>   | Minimum Curvature                 |
| <b>Design:</b>   | OH                       | <b>Database:</b>                    | EDM 5000.15 Single User Db        |

| 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) |  |
| 20,523.00                                    | 89.60           | 0.70        | 11,770.14             | 8,637.81     | -480.09      | 8,651.03                | 1.86                    | -0.32                  | -1.83                 |  |
| 20,618.00                                    | 89.80           | 0.50        | 11,770.63             | 8,732.80     | -479.10      | 8,745.85                | 0.30                    | 0.21                   | -0.21                 |  |
| 20,712.00                                    | 89.00           | 2.60        | 11,771.62             | 8,826.76     | -476.56      | 8,839.56                | 2.39                    | -0.85                  | 2.23                  |  |
| 20,807.00                                    | 92.20           | 4.60        | 11,770.62             | 8,921.55     | -470.59      | 8,933.93                | 3.97                    | 3.37                   | 2.11                  |  |
| 20,901.00                                    | 91.30           | 4.30        | 11,767.75             | 9,015.22     | -463.30      | 9,027.11                | 1.01                    | -0.96                  | -0.32                 |  |
| 20,995.00                                    | 88.40           | 2.10        | 11,768.00             | 9,109.06     | -458.06      | 9,120.57                | 3.87                    | -3.09                  | -2.34                 |  |
| 21,088.00                                    | 89.60           | 2.90        | 11,769.62             | 9,201.95     | -454.00      | 9,213.14                | 1.55                    | 1.29                   | 0.86                  |  |
| 21,183.00                                    | 91.00           | 3.00        | 11,769.12             | 9,296.82     | -449.11      | 9,307.64                | 1.48                    | 1.47                   | 0.11                  |  |
| 21,277.00                                    | 91.80           | 1.30        | 11,766.83             | 9,390.72     | -445.59      | 9,401.24                | 2.00                    | 0.85                   | -1.81                 |  |
| 21,371.00                                    | 90.70           | 359.60      | 11,764.78             | 9,484.69     | -444.85      | 9,495.06                | 2.15                    | -1.17                  | -1.81                 |  |
| 21,465.00                                    | 88.90           | 359.10      | 11,765.10             | 9,578.68     | -445.91      | 9,588.98                | 1.99                    | -1.91                  | -0.53                 |  |
| 21,559.00                                    | 91.10           | 358.40      | 11,765.10             | 9,672.65     | -447.97      | 9,682.94                | 2.46                    | 2.34                   | -0.74                 |  |
| 21,653.00                                    | 92.50           | 358.50      | 11,762.15             | 9,766.57     | -450.51      | 9,776.86                | 1.49                    | 1.49                   | 0.11                  |  |
| 21,747.00                                    | 92.40           | 358.30      | 11,758.13             | 9,860.45     | -453.13      | 9,870.75                | 0.24                    | -0.11                  | -0.21                 |  |
| 21,841.00                                    | 91.30           | 357.50      | 11,755.10             | 9,954.33     | -456.57      | 9,964.69                | 1.45                    | -1.17                  | -0.85                 |  |
| 21,936.00                                    | 90.70           | 356.70      | 11,753.44             | 10,049.20    | -461.38      | 10,059.67               | 1.05                    | -0.63                  | -0.84                 |  |
| 22,014.00                                    | 89.90           | 356.20      | 11,753.03             | 10,127.04    | -466.21      | 10,137.67               | 1.21                    | -1.03                  | -0.64                 |  |
| 22,031.89                                    | 89.90           | 356.20      | 11,753.06             | 10,144.90    | -467.39      | 10,155.56               | 0.00                    | 0.00                   | 0.00                  |  |
| <b>100' FNL HL Crossing</b>                  |                 |             |                       |              |              |                         |                         |                        |                       |  |
| 22,073.00                                    | 89.90           | 356.20      | 11,753.14             | 10,185.91    | -470.12      | 10,196.66               | 0.00                    | 0.00                   | 0.00                  |  |
| <b>BHL - PBHL (Shire 22-15 Fed Com 613H)</b> |                 |             |                       |              |              |                         |                         |                        |                       |  |

| Design Annotations    |                       |                   |              |                      |  |
|-----------------------|-----------------------|-------------------|--------------|----------------------|--|
| Measured Depth (usft) | Vertical Depth (usft) | Local Coordinates |              |                      |  |
|                       |                       | +N/-S (usft)      | +E/-W (usft) | Comment              |  |
| 11,212.00             | 11,188.52             | -324.46           | -480.29      | KOP                  |  |
| 11,502.33             | 11,465.69             | -253.10           | -506.19      | 100' FSL HL Crossing |  |
| 16,817.99             | 11,807.42             | 4,935.66          | -513.23      | S22/15 Crossing      |  |
| 22,031.89             | 11,753.06             | 10,144.90         | -467.39      | 100' FNL HL Crossing |  |
| 22,073.00             | 11,753.14             | 10,185.91         | -470.12      | BHL                  |  |

Checked By: \_\_\_\_\_ Approved By: \_\_\_\_\_ Date: \_\_\_\_\_

Submit 1 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  
**OIL CONSERVATION DIVISION**  
 1220 South St. Francis Dr.  
 Santa Fe, NM 87505

Form C-103  
 Revised August 1, 2011

|                                                                                          |              |
|------------------------------------------------------------------------------------------|--------------|
| WELL API NO.                                                                             | 30-015-47328 |
| 5. Indicate Type of Lease<br>STATE <input type="checkbox"/> FEE <input type="checkbox"/> |              |
| 6. State Oil & Gas Lease No.                                                             |              |
| 7. Lease Name or Unit Agreement Name<br>SHIRE 22 15 FEDERAL COM                          |              |
| 8. Well Number                                                                           | 613H         |
| 9. OGRID Number                                                                          | 6137         |
| 10. Pool name or Wildcat<br>; PURPLE SAGE; WOLFCAMP (GAS)                                |              |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b><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.)<br>1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/><br>2. Name of Operator<br>Devon Energy Production Company, L.P.<br>3. Address of Operator<br>333 West Sheridan, Oklahoma City, OK 73102<br>4. Well Location<br>Unit Letter <u>O</u> : <u>350</u> feet from the <u>South</u> line and <u>1805</u> feet from the <u>East</u> line<br>Section <u>22</u> Township <u>25S</u> Range <u>31E</u> NMPM County <u>EDDY</u><br>11. Elevation (Show whether DR, RKB, RT, GR, etc.)<br>GL: 3346.9 |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|

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

**NOTICE OF INTENTION TO:**

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
 TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
 PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐  
 DOWNHOLE COMMINGLE ☐

**SUBSEQUENT REPORT OF:**

REMEDIAL WORK ☐ ALTERING CASING ☐  
 COMMENCE DRILLING OPNS. ☐ P AND A ☐  
 CASING/CEMENT JOB ☐

OTHER: ☐

OTHER: COMPLETION ☒

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.

6/21/2021-7/2/2021: MIRU WL & PT. PT csg to 11500 PSI for 30min, OK. TIH w/pump through frac plug and guns. Perf WOLFCAMP, 12100-21957. Frac totals 24616098# prop, 447064 bbl fluid, 62 bbls acid. DO plugs & CO to PBTD w/CMT PLUG 11498' MD/11474.3' TVD CHC, FWB, ND BOP. Tubing set: N/A TOP: 8/6/2021

RUSTLER-1160

SALT-1460

BASE OF SALT-4330

LAMAR-4330

BELL CANYON-4330

CHERRY CANYON-5295

Brushy Canyon-6650

1st Bone Spring Lime-8250

Bone Spring 1st-9330

Bone Spring 2nd-9950

3rd Bone Spring Lime-10440

Bone Spring 3rd-11215

Wolfcamp-11670

Strawn-14420

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

SIGNATURE Jenny Harms TITLE Regulatory Specialist DATE 8/13/2021

Type or print name Jenny Harms E-mail address: jenny.harms@dvn.com PHONE: 405-552-6560

**For State Use Only**

Jenny Harms  
 John Garcia

APPROVED BY: John Garcia TITLE Petroleum Engineer DATE 10/4/2021

Conditions of Approval (if any):

|                                                                                                                                                                                                                                                                                                                                                                                           |                                  |                                                                     |                                                                |                                                                                                                                                                                       |                                |                                                                                                                                                     |                                             |                                                                 |                                                        |               |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|---------------------------------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|-----------------------------------------------------------------|--------------------------------------------------------|---------------|--|
| Submit To Appropriate District Office<br>Two Copies<br><u>District I</u><br>1625 N. French Dr., Hobbs, NM 88240<br><u>District II</u><br>811 S. First St., Artesia, NM 88210<br><u>District III</u><br>1000 Rio Brazos Rd., Aztec, NM 87410<br><u>District IV</u><br>1220 S. St. Francis Dr., Santa Fe, NM 87505                                                                          |                                  |                                                                     |                                                                | <b>State of New Mexico</b><br><b>Energy, Minerals and Natural Resources</b><br><br><b>Oil Conservation Division</b><br><b>1220 South St. Francis Dr.</b><br><b>Santa Fe, NM 87505</b> |                                |                                                                                                                                                     |                                             | <b>Form C-105</b><br>Revised August 1, 2011                     |                                                        |               |  |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                  |                                                                     |                                                                | 1. WELL API NO.<br>30-015-47328                                                                                                                                                       |                                |                                                                                                                                                     |                                             |                                                                 |                                                        |               |  |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                  |                                                                     |                                                                | 2. Type of Lease<br><input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> FED/INDIAN                                                        |                                |                                                                                                                                                     |                                             |                                                                 |                                                        |               |  |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                  |                                                                     |                                                                | 3. State Oil & Gas Lease No.                                                                                                                                                          |                                |                                                                                                                                                     |                                             |                                                                 |                                                        |               |  |
| <b>WELL COMPLETION OR RECOMPLETION REPORT AND LOG</b>                                                                                                                                                                                                                                                                                                                                     |                                  |                                                                     |                                                                |                                                                                                                                                                                       |                                |                                                                                                                                                     |                                             |                                                                 |                                                        |               |  |
| 4. Reason for filing:<br><br><input checked="" type="checkbox"/> <b>COMPLETION REPORT</b> (Fill in boxes #1 through #31 for State and Fee wells only)<br><br><input type="checkbox"/> <b>C-144 CLOSURE ATTACHMENT</b> (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC) |                                  |                                                                     |                                                                |                                                                                                                                                                                       |                                |                                                                                                                                                     |                                             | 5. Lease Name or Unit Agreement Name<br>SHIRE 22 15 FEDERAL COM |                                                        |               |  |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                  |                                                                     |                                                                |                                                                                                                                                                                       |                                |                                                                                                                                                     |                                             | 6. Well Number:<br>613H                                         |                                                        |               |  |
| 7. Type of Completion:<br><input checked="" type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/> OTHER                                                                                                                                 |                                  |                                                                     |                                                                |                                                                                                                                                                                       |                                |                                                                                                                                                     |                                             |                                                                 |                                                        |               |  |
| 8. Name of Operator<br>Devon Energy Production Company, L.P.                                                                                                                                                                                                                                                                                                                              |                                  |                                                                     |                                                                |                                                                                                                                                                                       |                                |                                                                                                                                                     |                                             | 9. OGRID<br>6137                                                |                                                        |               |  |
| 10. Address of Operator<br>333 West Sheridan Avenue, Oklahoma City, OK 73102                                                                                                                                                                                                                                                                                                              |                                  |                                                                     |                                                                |                                                                                                                                                                                       |                                |                                                                                                                                                     |                                             | 11. Pool name or Wildcat<br>; PURPLE SAGE; WOLFCAMP (GAS)       |                                                        |               |  |
| 12. Location                                                                                                                                                                                                                                                                                                                                                                              | Unit Ltr                         | Section                                                             | Township                                                       | Range                                                                                                                                                                                 | Lot                            | Feet from the                                                                                                                                       | N/S Line                                    | Feet from the                                                   | E/W Line                                               | County        |  |
| Surface:                                                                                                                                                                                                                                                                                                                                                                                  | O                                | 22                                                                  | 25S                                                            | 31E                                                                                                                                                                                   |                                | 350                                                                                                                                                 | South                                       | 1805                                                            | East                                                   | EDDY          |  |
| BH:                                                                                                                                                                                                                                                                                                                                                                                       | B                                | 15                                                                  | 25S                                                            | 31E                                                                                                                                                                                   |                                | 61                                                                                                                                                  | North                                       | 2263                                                            | East                                                   | EDDY          |  |
| 13. Date Spudded<br>2/19/21                                                                                                                                                                                                                                                                                                                                                               | 14. Date T.D. Reached<br>4/12/21 |                                                                     | 15. Date Rig Released<br>4/16/21                               |                                                                                                                                                                                       |                                | 16. Date Completed (Ready to Produce)<br>8/6/21                                                                                                     |                                             |                                                                 | 17. Elevations (DF and RKB, RT, GR, etc.)<br>3346.9 GL |               |  |
| 18. Total Measured Depth of Well<br>22073 MD, 11753 TVD                                                                                                                                                                                                                                                                                                                                   |                                  |                                                                     | 19. Plug Back Measured Depth<br>CMT PLUG: 11498 MD/11474.3 TVD |                                                                                                                                                                                       |                                | 20. Was Directional Survey Made?<br>Yes                                                                                                             |                                             |                                                                 | 21. Type Electric and Other Logs Run<br>CBL            |               |  |
| 22. Producing Interval(s), of this completion - Top, Bottom, Name<br>12100-21957, PURPLE SAGE; WOLFCAMP (GAS)                                                                                                                                                                                                                                                                             |                                  |                                                                     |                                                                |                                                                                                                                                                                       |                                |                                                                                                                                                     |                                             |                                                                 |                                                        |               |  |
| <b>23. CASING RECORD (Report all strings set in well)</b>                                                                                                                                                                                                                                                                                                                                 |                                  |                                                                     |                                                                |                                                                                                                                                                                       |                                |                                                                                                                                                     |                                             |                                                                 |                                                        |               |  |
| CASING SIZE                                                                                                                                                                                                                                                                                                                                                                               |                                  | WEIGHT LB./FT.                                                      |                                                                | DEPTH SET                                                                                                                                                                             |                                | HOLE SIZE                                                                                                                                           |                                             | CEMENTING RECORD                                                |                                                        | AMOUNT PULLED |  |
| 13.375                                                                                                                                                                                                                                                                                                                                                                                    |                                  | 54.5                                                                |                                                                | 1192.3                                                                                                                                                                                |                                | 17.5                                                                                                                                                |                                             | 805                                                             |                                                        |               |  |
| 8 5/8                                                                                                                                                                                                                                                                                                                                                                                     |                                  | 32                                                                  |                                                                | 11959.2                                                                                                                                                                               |                                | 9.625                                                                                                                                               |                                             | 1095                                                            |                                                        | TOC @ 3739    |  |
| 5.5                                                                                                                                                                                                                                                                                                                                                                                       |                                  | 20                                                                  |                                                                | 22065.2                                                                                                                                                                               |                                | 7.875                                                                                                                                               |                                             | 2795                                                            |                                                        |               |  |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                  |                                                                     |                                                                |                                                                                                                                                                                       |                                |                                                                                                                                                     |                                             |                                                                 |                                                        |               |  |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                  |                                                                     |                                                                |                                                                                                                                                                                       |                                |                                                                                                                                                     |                                             |                                                                 |                                                        |               |  |
| <b>24. LINER RECORD</b>                                                                                                                                                                                                                                                                                                                                                                   |                                  |                                                                     |                                                                |                                                                                                                                                                                       |                                |                                                                                                                                                     |                                             |                                                                 |                                                        |               |  |
| SIZE                                                                                                                                                                                                                                                                                                                                                                                      | TOP                              | BOTTOM                                                              | SACKS CEMENT                                                   |                                                                                                                                                                                       | SCREEN                         |                                                                                                                                                     |                                             |                                                                 |                                                        |               |  |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                  |                                                                     |                                                                |                                                                                                                                                                                       |                                |                                                                                                                                                     |                                             |                                                                 |                                                        |               |  |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                  |                                                                     |                                                                |                                                                                                                                                                                       |                                |                                                                                                                                                     |                                             |                                                                 |                                                        |               |  |
| 26. Perforation record (interval, size, and number)<br>12100 - 21957, total 1474 holes                                                                                                                                                                                                                                                                                                    |                                  |                                                                     |                                                                |                                                                                                                                                                                       |                                | 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.<br>DEPTH INTERVAL    AMOUNT AND KIND MATERIAL USED<br>12100-21957    Acidize and frac in 50 stages. |                                             |                                                                 |                                                        |               |  |
| <b>28. PRODUCTION</b>                                                                                                                                                                                                                                                                                                                                                                     |                                  |                                                                     |                                                                |                                                                                                                                                                                       |                                |                                                                                                                                                     |                                             |                                                                 |                                                        |               |  |
| Date First Production<br>8/6/21                                                                                                                                                                                                                                                                                                                                                           |                                  | Production Method (Flowing, gas lift, pumping - Size and type pump) |                                                                |                                                                                                                                                                                       |                                |                                                                                                                                                     | Well Status (Prod. or Shut-in)<br>Producing |                                                                 |                                                        |               |  |
| Date of Test<br>8/11/21                                                                                                                                                                                                                                                                                                                                                                   | Hours Tested<br>24               | Choke Size                                                          | Prod'n For Test Period                                         | Oil - Bbl<br>1732                                                                                                                                                                     | Gas - MCF<br>6751              | Water - Bbl.<br>7135                                                                                                                                | Gas - Oil Ratio<br>3897                     |                                                                 |                                                        |               |  |
| Flow Tubing Press.                                                                                                                                                                                                                                                                                                                                                                        | Casing Pressure                  | Calculated 24-Hour Rate                                             | Oil - Bbl.                                                     | Gas - MCF                                                                                                                                                                             | Water - Bbl.                   | Oil Gravity - API - (Corr.)                                                                                                                         |                                             |                                                                 |                                                        |               |  |
| 29. Disposition of Gas (Sold, used for fuel, vented, etc.)<br>Sold                                                                                                                                                                                                                                                                                                                        |                                  |                                                                     |                                                                |                                                                                                                                                                                       |                                |                                                                                                                                                     |                                             | 30. Test Witnessed By                                           |                                                        |               |  |
| 31. List Attachments<br>Directional Survey                                                                                                                                                                                                                                                                                                                                                |                                  |                                                                     |                                                                |                                                                                                                                                                                       |                                |                                                                                                                                                     |                                             |                                                                 |                                                        |               |  |
| 32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.                                                                                                                                                                                                                                                                                        |                                  |                                                                     |                                                                |                                                                                                                                                                                       |                                |                                                                                                                                                     |                                             |                                                                 |                                                        |               |  |
| 33. If an on-site burial was used at the well, report the exact location of the on-site burial:                                                                                                                                                                                                                                                                                           |                                  |                                                                     |                                                                |                                                                                                                                                                                       |                                |                                                                                                                                                     |                                             |                                                                 |                                                        |               |  |
| Latitude                                                                                                                                                                                                                                                                                                                                                                                  |                                  |                                                                     |                                                                | Longitude                                                                                                                                                                             |                                |                                                                                                                                                     |                                             | NAD 1927 1983                                                   |                                                        |               |  |
| I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief                                                                                                                                                                                                                                                        |                                  |                                                                     |                                                                |                                                                                                                                                                                       |                                |                                                                                                                                                     |                                             |                                                                 |                                                        |               |  |
| Signature<br>                                                                                                                                                                                                                                                                                          |                                  |                                                                     | Printed Name<br>Jenny Harms                                    |                                                                                                                                                                                       | Title<br>Regulatory Specialist |                                                                                                                                                     | Date 8/13/2021                              |                                                                 |                                                        |               |  |
| E-mail Address<br>jenny.harms@dv.com                                                                                                                                                                                                                                                                                                                                                      |                                  |                                                                     |                                                                |                                                                                                                                                                                       |                                |                                                                                                                                                     |                                             |                                                                 |                                                        |               |  |

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

| Southeastern New Mexico      |  | Northwestern New Mexico |  |
|------------------------------|--|-------------------------|--|
|                              |  |                         |  |
| RUSTLER - 1160               |  |                         |  |
| SALT - 1460                  |  |                         |  |
| BASE OF SALT - 4330          |  |                         |  |
| LAMAR - 4330                 |  |                         |  |
| BELL CANYON - 4330           |  |                         |  |
| CHERRY CANYON - 5295         |  |                         |  |
| Brushy Canyon - 6650         |  |                         |  |
| 1st Bone Spring Lime - 8250  |  |                         |  |
| Bone Spring 1st - 9330       |  |                         |  |
| Bone Spring 2nd - 9950       |  |                         |  |
| 3rd Bone Spring Lime - 10440 |  |                         |  |
| Bone Spring 3rd - 11215      |  |                         |  |
| Wolfcamp - 11670             |  |                         |  |
| Strawn - 14420               |  |                         |  |
|                              |  |                         |  |
|                              |  |                         |  |

|                  |         |                  |         |
|------------------|---------|------------------|---------|
| No. 1, from..... | to..... | No. 3, from..... | to..... |
| No. 2, from..... | N/A     | No. 4, from..... | N/A     |
| N/A              | N/A     | N/A              | N/A     |

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....  
 No. 2, from.....to.....feet.....  
 No. 3, from.....to.....feet.....

| From | To | Thickness<br>In Feet | Lithology |
|------|----|----------------------|-----------|
|      |    |                      |           |

**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**

ACKNOWLEDGMENTS

Action 41867

**ACKNOWLEDGMENTS**

|                                                                                                       |                                                    |
|-------------------------------------------------------------------------------------------------------|----------------------------------------------------|
| Operator:<br>DEVON ENERGY PRODUCTION COMPANY, LP<br>333 West Sheridan Ave.<br>Oklahoma City, OK 73102 | OGRID:<br>6137                                     |
|                                                                                                       | Action Number:<br>41867                            |
|                                                                                                       | Action Type:<br>[C-104] Completion Packet (C-104C) |

**ACKNOWLEDGMENTS**

|                                     |                                                                                                                    |
|-------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> | I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.     |
| <input checked="" type="checkbox"/> | I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion. |

**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 41867

CONDITIONS

|                                                                                                       |                                                    |
|-------------------------------------------------------------------------------------------------------|----------------------------------------------------|
| Operator:<br>DEVON ENERGY PRODUCTION COMPANY, LP<br>333 West Sheridan Ave.<br>Oklahoma City, OK 73102 | OGRID:<br>6137                                     |
|                                                                                                       | Action Number:<br>41867                            |
|                                                                                                       | Action Type:<br>[C-104] Completion Packet (C-104C) |

CONDITIONS

| Created By | Condition                                                                                              | Condition Date |
|------------|--------------------------------------------------------------------------------------------------------|----------------|
| plmartinez | File 3160-4 Completion Report and 3160-5 Completion Sundry within 10 days to NMOCD after BLM approval. | 10/6/2021      |