

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 / 4/22/21 |
| <sup>4</sup> API Number<br>30-015-47156                                                                                           | <sup>5</sup> Pool Name<br>; PURPLE SAGE; WOLFCAMP (GAS)   | <sup>6</sup> Pool Code<br>98220                                     |
| <sup>7</sup> Property Code<br>328257                                                                                              | <sup>8</sup> Property Name<br>SHETLAND 11-2 FED STATE COM | <sup>9</sup> Well Number<br>711H                                    |

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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| M             | 11      | 26S      | 31E   |         | 15            | South            | 475           | West           | 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 |
|-----------------------------|-------------------------------------|----------------------------------------------|-----------------------------------|------------------------------------|-------------------------------------|------------------|---------------|----------------|--------|
| D                           | 2                                   | 26S                                          | 31E                               |                                    | 55                                  | North            | 404           | West           | EDDY   |
| <sup>12</sup> Lse Code<br>F | <sup>13</sup> Producing Method Code | <sup>14</sup> Gas Connection Date<br>4/22/21 | <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 |
|---------------------------------|--------------------------------------------------------------------------------|---------------------|
| 020445                          | Plains Marketing<br>P.O. Box 4648 Houston, TX 77210                            | Oil                 |
| 329657                          | Cotton Draw Midstream, L.L.C.<br>333 W. Sheridan Ave. Oklahoma City, OK 731702 | GAS                 |
| 371960                          | LUCID ENERGY DELAWARE, LLC<br>3100 Mckinnon St. Suite 800, Dallas TX 75201     | GAS                 |
| 036785                          | DCP Midstream<br>P.O. Box 50020 Midland, TX 79710-0020                         | Gas                 |

IV. Well Completion Data

|                                    |                                     |                           |                                              |                                             |                       |
|------------------------------------|-------------------------------------|---------------------------|----------------------------------------------|---------------------------------------------|-----------------------|
| <sup>21</sup> Spud Date<br>7/20/20 | <sup>22</sup> Ready Date<br>4/22/21 | <sup>23</sup> TD<br>22022 | <sup>24</sup> PBDT<br>21956.1 MD/11795.3 TVD | <sup>25</sup> Perforations<br>11900 - 21897 | <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                              | 1302.8                    | 1320                                         |                                             |                       |
| 9.875                              | 8 5/8                               | 11686.7                   | 1045                                         |                                             |                       |
| 7.875                              | 5.5                                 | 22007.8                   | 3220                                         |                                             |                       |
|                                    | Tubing: N/A                         | 0                         |                                              |                                             |                       |

V. Well Test Data

|                                                                                                                                                                                                                                                                                                            |                                            |                                    |                                     |                                    |                                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|------------------------------------|-------------------------------------|------------------------------------|------------------------------------|
| <sup>31</sup> Date New Oil<br>5/22/21                                                                                                                                                                                                                                                                      | <sup>32</sup> Gas Delivery Date<br>5/22/21 | <sup>33</sup> Test Date<br>5/22/21 | <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>1861 bbl              | <sup>39</sup> Water<br>5626 bbl    | <sup>40</sup> Gas<br>8361 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: KURT SIMMONS           |                                    |                                    |
| Title: Regulatory Specialist                                                                                                                                                                                                                                                                               |                                            |                                    | Title: NMOCD, SANTA FE              |                                    |                                    |
| E-mail Address: jenny.harms@dnv.com                                                                                                                                                                                                                                                                        |                                            |                                    | Approval Date: 07/26/2021           |                                    |                                    |
| Date: 5/25/2021                                                                                                                                                                                                                                                                                            |                                            | 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

AS-DRILLED

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                                                |                                                                            |                                                              |
|------------------------------------------------|----------------------------------------------------------------------------|--------------------------------------------------------------|
| <sup>1</sup> API Number<br><b>30-015-47156</b> | <sup>2</sup> Pool Code<br><b>[98220]</b>                                   | <sup>3</sup> Pool Name<br><b>PURPLE SAGE; WOLFCAMP (GAS)</b> |
| <sup>4</sup> Property Code<br><b>328257</b>    | <sup>5</sup> Property Name<br><b>SHETLAND 11-2 FED STATE COM</b>           | <sup>6</sup> Well Number<br><b>711H</b>                      |
| <sup>7</sup> OGRID No.<br><b>6137</b>          | <sup>8</sup> Operator Name<br><b>DEVON ENERGY PRODUCTION COMPANY, L.P.</b> | <sup>9</sup> Elevation<br><b>3208.2</b>                      |

<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      |
|---------------|-----------|-------------|-------------|---------|---------------|------------------|---------------|----------------|-------------|
| <b>M</b>      | <b>11</b> | <b>26 S</b> | <b>31 E</b> |         | <b>15</b>     | <b>SOUTH</b>     | <b>475</b>    | <b>WEST</b>    | <b>EDDY</b> |

<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>D</b>      | <b>2</b> | <b>26 S</b> | <b>31 E</b> |         | <b>55</b>     | <b>NORTH</b>     | <b>404</b>    | <b>WEST</b>    | <b>EDDY</b> |

|                                             |                               |                                  |                         |
|---------------------------------------------|-------------------------------|----------------------------------|-------------------------|
| <sup>12</sup> Dedicated Acres<br><b>640</b> | <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> 5-24-2021<br/>Signature Date</p> <p><b>JENNY HARMS</b><br/>Printed Name</p> <p><b>JENNY.HARMS@DVN.COM</b><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>MAY 3, 2021<br/>Date of Survey</p> <p><i>[Signature]</i><br/>Signature and Seal of Professional Surveyor</p> <p>Certificate Number: <b>12797</b><br/>SURVEY NO. 7480B</p> |
|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Intent ☐ As Drilled ☒

|                                                            |                                               |                     |
|------------------------------------------------------------|-----------------------------------------------|---------------------|
| API #<br>30-015-47156                                      |                                               |                     |
| Operator Name:<br>DEVON ENERGY PRODUCTION<br>COMPANY, L.P. | Property Name:<br>SHETLAND 11-2 FED STATE COM | Well Number<br>711H |

## Kick Off Point (KOP)

|                        |               |                 |              |     |                          |                   |             |                  |                |
|------------------------|---------------|-----------------|--------------|-----|--------------------------|-------------------|-------------|------------------|----------------|
| UL<br>M                | Section<br>11 | Township<br>26S | Range<br>31E | Lot | Feet<br>21               | From N/S<br>SOUTH | Feet<br>350 | From E/W<br>WEST | County<br>EDDY |
| Latitude<br>32.0502099 |               |                 |              |     | Longitude<br>103.7562884 |                   |             |                  | NAD<br>83      |

## First Take Point (FTP)

|                        |               |                 |              |     |                          |                   |             |                  |                |
|------------------------|---------------|-----------------|--------------|-----|--------------------------|-------------------|-------------|------------------|----------------|
| UL<br>M                | Section<br>11 | Township<br>26S | Range<br>31E | Lot | Feet<br>508              | From N/S<br>SOUTH | Feet<br>349 | From E/W<br>WEST | County<br>EDDY |
| Latitude<br>32.0515466 |               |                 |              |     | Longitude<br>103.7562978 |                   |             |                  | NAD<br>83      |

## Last Take Point (LTP)

|                        |              |                 |              |     |                          |                   |             |                  |                |
|------------------------|--------------|-----------------|--------------|-----|--------------------------|-------------------|-------------|------------------|----------------|
| UL<br>D                | Section<br>2 | Township<br>26S | Range<br>31E | Lot | Feet<br>179              | From N/S<br>NORTH | Feet<br>398 | From E/W<br>WEST | County<br>EDDY |
| Latitude<br>32.0789775 |              |                 |              |     | Longitude<br>103.7561508 |                   |             |                  | NAD<br>83      |

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

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



Operator: Devon Energy  
Well Name: Shetland 11-2 Fed State Com #711H  
County: Eddy  
State: New Mexico  
Rig Name: Cactus 167  
API Number: 30-015-47156

Intrepid Directional Drilling Specialists certifies that the surveys performed on the above referenced well are true and correct MWD surveys, data provided as follows:

Surveyor: Intrepid Directional Drilling Specialists  
Survey Depths: 198' MD – 21964' MD  
Projection to Bit: 22022' MD  
Dates Performed: 07/19/2020 – 08/06/2020 & 08/26/2020 – 09/11/2020  
Type of Survey: MWD

Sincerely,

A handwritten signature in blue ink, appearing to read "JB", with a stylized flourish extending to the right.

James Burleson  
Vice President of MWD Operations  
Intrepid Directional Drilling Specialists





## **Devon Energy**

**Eddy County, NM (NAD 83 NME)**

**(Shetland 11-2 Fed State) Sec-11\_T-26-S\_R-31-E**

**Shetland 11-2 Fed State Com #711H**

**API# 30-015-47156**

**OWB**

**Design: AWB**

## **Standard Survey Report**

**24 May, 2021**





# Intrepid Survey Report



|                  |                                                   |                                     |                                        |
|------------------|---------------------------------------------------|-------------------------------------|----------------------------------------|
| <b>Company:</b>  | Devon Energy                                      | <b>Local Co-ordinate Reference:</b> | Well Shetland 11-2 Fed State Com #711H |
| <b>Project:</b>  | Eddy County, NM (NAD 83 NME)                      | <b>TVD Reference:</b>               | KB @ 3232.7usft (Cactus 167)           |
| <b>Site:</b>     | (Shetland 11-2 Fed State)<br>Sec-11_T-26-S_R-31-E | <b>MD Reference:</b>                | KB @ 3232.7usft (Cactus 167)           |
| <b>Well:</b>     | Shetland 11-2 Fed State Com #711H                 | <b>North Reference:</b>             | Grid                                   |
| <b>Wellbore:</b> | OWB                                               | <b>Survey Calculation Method:</b>   | Minimum Curvature                      |
| <b>Design:</b>   | AWB                                               | <b>Database:</b>                    | EDM 5000.15 Single User Db             |

|                    |                              |                      |                |
|--------------------|------------------------------|----------------------|----------------|
| <b>Project</b>     | Eddy County, NM (NAD 83 NME) |                      |                |
| <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 (Shetland 11-2 Fed State) Sec-11_T-26-S_R-31-E |     |              |  |                                               |  |
| Site Position:                                      |     | Northing:    |  | 382,476.92 usft                               |  |
| From:                                               | Map | Easting:     |  | 720,273.39 usft                               |  |
| Position Uncertainty:                               |     | Slot Radius: |  | Grid Convergence:                             |  |
| 0.0 usft                                            |     | 13-3/16 "    |  | 32° 3' 0.696 N<br>103° 45' 20.837 W<br>0.31 ° |  |

|                      |                                   |          |                     |                 |               |                   |
|----------------------|-----------------------------------|----------|---------------------|-----------------|---------------|-------------------|
| Well                 | Shetland 11-2 Fed State Com #711H |          |                     |                 |               |                   |
| Well Position        | +N/-S                             | 0.0 usft | Northing:           | 382,476.74 usft | Latitude:     | 32° 3' 0.696 N    |
|                      | +E/-W                             | 0.0 usft | Easting:            | 720,243.43 usft | Longitude:    | 103° 45' 21.185 W |
| Position Uncertainty |                                   | 0.0 usft | Wellhead Elevation: | usft            | Ground Level: | 3,208.2 usft      |

|                  |                   |                    |                        |                      |                            |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| <b>Wellbore</b>  | OWB               |                    |                        |                      |                            |
| <b>Magnetics</b> | <b>Model Name</b> | <b>Sample Date</b> | <b>Declination (°)</b> | <b>Dip Angle (°)</b> | <b>Field Strength (nT)</b> |
|                  | HDGM              | 07/21/20           | 6.58                   | 59.61                | 47,625.93051855            |

|                          |                                |                     |                     |                      |     |
|--------------------------|--------------------------------|---------------------|---------------------|----------------------|-----|
| <b>Design</b>            | AWB                            |                     |                     |                      |     |
| <b>Audit Notes:</b>      |                                |                     |                     |                      |     |
| <b>Version:</b>          | 1.0                            | <b>Phase:</b>       | ACTUAL              | <b>Tie On Depth:</b> | 0.0 |
| <b>Vertical Section:</b> | <b>Depth From (TVD) (usft)</b> | <b>+N/-S (usft)</b> | <b>+E/-W (usft)</b> | <b>Direction (°)</b> |     |
|                          | 0.0                            | 0.0                 | 0.0                 | 359.13               |     |

|                       |                  |                          |                  |                     |  |
|-----------------------|------------------|--------------------------|------------------|---------------------|--|
| <b>Survey Program</b> | <b>Date</b>      | 12/22/20                 |                  |                     |  |
| <b>From (usft)</b>    | <b>To (usft)</b> | <b>Survey (Wellbore)</b> | <b>Tool Name</b> | <b>Description</b>  |  |
| 198.0                 | 22,022.0         | Intrepid MWD (OWB)       | MWD              | OWSG MWD - Standard |  |

|                              |                        |                    |                              |                     |                     |                                |                                |                               |                              |  |
|------------------------------|------------------------|--------------------|------------------------------|---------------------|---------------------|--------------------------------|--------------------------------|-------------------------------|------------------------------|--|
| <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> |  |
| 0.0                          | 0.00                   | 0.00               | 0.0                          | 0.0                 | 0.0                 | 0.0                            | 0.00                           | 0.00                          | 0.00                         |  |
| 198.0                        | 1.49                   | 196.04             | 198.0                        | -2.5                | -0.7                | -2.5                           | 0.75                           | 0.75                          | 0.00                         |  |
| 232.0                        | 1.49                   | 185.49             | 232.0                        | -3.3                | -0.9                | -3.3                           | 0.81                           | 0.00                          | -31.03                       |  |
| 324.0                        | 0.75                   | 199.99             | 323.9                        | -5.1                | -1.2                | -5.1                           | 0.86                           | -0.80                         | 15.76                        |  |
| 416.0                        | 0.66                   | 354.33             | 415.9                        | -5.1                | -1.5                | -5.1                           | 1.49                           | -0.10                         | 167.76                       |  |
| 506.0                        | 1.41                   | 10.24              | 505.9                        | -3.5                | -1.3                | -3.5                           | 0.88                           | 0.83                          | 17.68                        |  |
| 597.0                        | 1.54                   | 20.43              | 596.9                        | -1.3                | -0.7                | -1.3                           | 0.32                           | 0.14                          | 11.20                        |  |
| 687.0                        | 1.58                   | 33.09              | 686.9                        | 0.9                 | 0.4                 | 0.9                            | 0.38                           | 0.04                          | 14.07                        |  |
| 777.0                        | 1.41                   | 40.91              | 776.8                        | 2.8                 | 1.8                 | 2.7                            | 0.29                           | -0.19                         | 8.69                         |  |
| 866.0                        | 1.27                   | 37.31              | 865.8                        | 4.4                 | 3.1                 | 4.3                            | 0.18                           | -0.16                         | -4.04                        |  |



# Intrepid Survey Report



|                  |                                                   |                                     |                                        |
|------------------|---------------------------------------------------|-------------------------------------|----------------------------------------|
| <b>Company:</b>  | Devon Energy                                      | <b>Local Co-ordinate Reference:</b> | Well Shetland 11-2 Fed State Com #711H |
| <b>Project:</b>  | Eddy County, NM (NAD 83 NME)                      | <b>TVD Reference:</b>               | KB @ 3232.7usft (Cactus 167)           |
| <b>Site:</b>     | (Shetland 11-2 Fed State)<br>Sec-11_T-26-S_R-31-E | <b>MD Reference:</b>                | KB @ 3232.7usft (Cactus 167)           |
| <b>Well:</b>     | Shetland 11-2 Fed State Com #711H                 | <b>North Reference:</b>             | Grid                                   |
| <b>Wellbore:</b> | OWB                                               | <b>Survey Calculation Method:</b>   | Minimum Curvature                      |
| <b>Design:</b>   | AWB                                               | <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) |
| 957.0                          | 0.62            | 336.22      | 956.8                 | 5.6          | 3.5          | 5.6                     | 1.22                    | -0.71                  | -67.13                |
| 1,049.0                        | 0.84            | 312.58      | 1,048.8               | 6.5          | 2.8          | 6.5                     | 0.40                    | 0.24                   | -25.70                |
| 1,140.0                        | 1.05            | 336.92      | 1,139.8               | 7.8          | 2.0          | 7.7                     | 0.49                    | 0.23                   | 26.75                 |
| 1,230.0                        | 1.19            | 330.68      | 1,229.8               | 9.3          | 1.3          | 9.3                     | 0.21                    | 0.16                   | -6.93                 |
| 1,254.0                        | 1.10            | 334.38      | 1,253.8               | 9.8          | 1.0          | 9.7                     | 0.49                    | -0.38                  | 15.42                 |
| 1,276.2                        | 0.75            | 334.38      | 1,276.0               | 10.1         | 0.9          | 10.1                    | 1.59                    | -1.59                  | 0.00                  |
| <b>Rustler</b>                 |                 |             |                       |              |              |                         |                         |                        |                       |
| 1,323.0                        | 0.00            | 345.19      | 1,322.8               | 10.4         | 0.7          | 10.3                    | 1.59                    | -1.59                  | 0.00                  |
| 1,414.0                        | 0.79            | 355.03      | 1,413.8               | 11.0         | 0.7          | 11.0                    | 0.87                    | 0.87                   | 0.00                  |
| 1,604.0                        | 0.13            | 84.15       | 1,603.7               | 12.3         | 0.8          | 12.3                    | 0.42                    | -0.35                  | 46.91                 |
| 1,623.3                        | 0.20            | 65.51       | 1,623.0               | 12.3         | 0.8          | 12.3                    | 0.46                    | 0.37                   | -96.80                |
| <b>Salado</b>                  |                 |             |                       |              |              |                         |                         |                        |                       |
| 1,794.0                        | 0.97            | 43.19       | 1,793.7               | 13.5         | 2.1          | 13.5                    | 0.46                    | 0.45                   | -13.07                |
| 1,984.0                        | 1.19            | 60.24       | 1,983.7               | 15.7         | 4.9          | 15.6                    | 0.20                    | 0.12                   | 8.97                  |
| 2,174.0                        | 1.32            | 55.76       | 2,173.7               | 17.9         | 8.4          | 17.7                    | 0.09                    | 0.07                   | -2.36                 |
| 2,365.0                        | 1.36            | 78.44       | 2,364.6               | 19.6         | 12.5         | 19.4                    | 0.28                    | 0.02                   | 11.87                 |
| 2,555.0                        | 0.53            | 339.30      | 2,554.6               | 20.8         | 14.4         | 20.6                    | 0.81                    | -0.44                  | -52.18                |
| 2,746.0                        | 0.79            | 338.16      | 2,745.6               | 22.9         | 13.6         | 22.7                    | 0.14                    | 0.14                   | -0.60                 |
| 2,936.0                        | 1.67            | 224.16      | 2,935.5               | 22.1         | 11.2         | 21.9                    | 1.11                    | 0.46                   | -60.00                |
| 3,126.0                        | 0.97            | 219.68      | 3,125.5               | 18.9         | 8.2          | 18.8                    | 0.37                    | -0.37                  | -2.36                 |
| 3,317.0                        | 1.01            | 232.25      | 3,316.5               | 16.6         | 5.8          | 16.5                    | 0.12                    | 0.02                   | 6.58                  |
| 3,507.0                        | 0.75            | 230.93      | 3,506.4               | 14.8         | 3.6          | 14.7                    | 0.14                    | -0.14                  | -0.69                 |
| 3,698.0                        | 1.71            | 164.66      | 3,697.4               | 11.3         | 3.3          | 11.2                    | 0.82                    | 0.50                   | -34.70                |
| 3,889.0                        | 2.59            | 162.99      | 3,888.3               | 4.4          | 5.4          | 4.3                     | 0.46                    | 0.46                   | -0.87                 |
| 4,080.0                        | 0.88            | 6.37        | 4,079.2               | 1.7          | 6.8          | 1.6                     | 1.79                    | -0.90                  | -82.00                |
| 4,112.8                        | 0.89            | 9.96        | 4,112.0               | 2.2          | 6.8          | 2.1                     | 0.17                    | 0.02                   | 10.96                 |
| <b>Base of Salt - Delaware</b> |                 |             |                       |              |              |                         |                         |                        |                       |
| 4,270.0                        | 0.97            | 25.79       | 4,269.2               | 4.6          | 7.6          | 4.5                     | 0.17                    | 0.05                   | 10.07                 |
| 4,460.0                        | 1.05            | 349.58      | 4,459.2               | 7.8          | 8.0          | 7.7                     | 0.33                    | 0.04                   | -19.06                |
| 4,650.0                        | 1.05            | 325.50      | 4,649.1               | 10.9         | 6.7          | 10.8                    | 0.23                    | 0.00                   | -12.67                |
| 4,839.0                        | 1.45            | 336.31      | 4,838.1               | 14.5         | 4.8          | 14.5                    | 0.24                    | 0.21                   | 5.72                  |
| 5,029.0                        | 3.69            | 314.69      | 5,027.9               | 21.0         | -0.5         | 21.1                    | 1.26                    | 1.18                   | -11.38                |
| 5,118.3                        | 3.44            | 314.39      | 5,117.0               | 24.9         | -4.5         | 25.0                    | 0.28                    | -0.28                  | -0.34                 |
| <b>Cherry Canyon</b>           |                 |             |                       |              |              |                         |                         |                        |                       |
| 5,219.0                        | 3.16            | 313.99      | 5,217.5               | 29.0         | -8.6         | 29.1                    | 0.28                    | -0.28                  | -0.40                 |
| 5,410.0                        | 3.03            | 311.44      | 5,408.3               | 36.0         | -16.2        | 36.2                    | 0.10                    | -0.07                  | -1.34                 |
| 5,599.0                        | 3.30            | 302.47      | 5,597.0               | 42.2         | -24.6        | 42.6                    | 0.30                    | 0.14                   | -4.75                 |
| 5,790.0                        | 2.81            | 298.43      | 5,787.7               | 47.4         | -33.3        | 47.9                    | 0.28                    | -0.26                  | -2.12                 |
| 5,981.0                        | 2.55            | 302.30      | 5,978.5               | 51.9         | -41.0        | 52.5                    | 0.17                    | -0.14                  | 2.03                  |
| 6,169.0                        | 2.51            | 304.67      | 6,166.3               | 56.5         | -47.9        | 57.2                    | 0.06                    | -0.02                  | 1.26                  |
| 6,359.0                        | 0.53            | 238.14      | 6,356.3               | 58.4         | -52.1        | 59.1                    | 1.24                    | -1.04                  | -35.02                |
| 6,452.8                        | 0.81            | 244.00      | 6,450.0               | 57.8         | -53.1        | 58.6                    | 0.30                    | 0.30                   | 6.25                  |
| <b>Brushy Canyon</b>           |                 |             |                       |              |              |                         |                         |                        |                       |





# Intrepid Survey Report



|                  |                                                   |                                     |                                        |
|------------------|---------------------------------------------------|-------------------------------------|----------------------------------------|
| <b>Company:</b>  | Devon Energy                                      | <b>Local Co-ordinate Reference:</b> | Well Shetland 11-2 Fed State Com #711H |
| <b>Project:</b>  | Eddy County, NM (NAD 83 NME)                      | <b>TVD Reference:</b>               | KB @ 3232.7usft (Cactus 167)           |
| <b>Site:</b>     | (Shetland 11-2 Fed State)<br>Sec-11_T-26-S_R-31-E | <b>MD Reference:</b>                | KB @ 3232.7usft (Cactus 167)           |
| <b>Well:</b>     | Shetland 11-2 Fed State Com #711H                 | <b>North Reference:</b>             | Grid                                   |
| <b>Wellbore:</b> | OWB                                               | <b>Survey Calculation Method:</b>   | Minimum Curvature                      |
| <b>Design:</b>   | AWB                                               | <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) |  |
| 6,550.0                          | 1.10            | 246.92      | 6,547.2               | 57.2         | -54.5        | 58.0                    | 0.30                    | 0.30                   | 3.01                  |  |
| 6,740.0                          | 0.53            | 221.70      | 6,737.2               | 55.8         | -56.8        | 56.7                    | 0.35                    | -0.30                  | -13.27                |  |
| 6,930.0                          | 0.57            | 215.46      | 6,927.2               | 54.4         | -57.9        | 55.3                    | 0.04                    | 0.02                   | -3.28                 |  |
| 7,120.0                          | 0.84            | 216.87      | 7,117.2               | 52.5         | -59.3        | 53.4                    | 0.14                    | 0.14                   | 0.74                  |  |
| 7,310.0                          | 0.97            | 203.07      | 7,307.2               | 49.9         | -60.8        | 50.8                    | 0.13                    | 0.07                   | -7.26                 |  |
| 7,499.0                          | 1.58            | 211.24      | 7,496.1               | 46.2         | -62.8        | 47.1                    | 0.34                    | 0.32                   | 4.32                  |  |
| 7,690.0                          | 1.41            | 189.36      | 7,687.1               | 41.6         | -64.5        | 42.6                    | 0.31                    | -0.09                  | -11.46                |  |
| 7,870.0                          | 1.28            | 182.15      | 7,867.0               | 37.4         | -64.9        | 38.4                    | 0.12                    | -0.07                  | -4.00                 |  |
| Lower Brushy                     |                 |             |                       |              |              |                         |                         |                        |                       |  |
| 7,880.0                          | 1.27            | 181.71      | 7,877.0               | 37.2         | -65.0        | 38.2                    | 0.12                    | -0.07                  | -4.43                 |  |
| 8,071.0                          | 1.05            | 214.93      | 8,068.0               | 33.7         | -66.0        | 34.7                    | 0.36                    | -0.12                  | 17.39                 |  |
| 8,106.0                          | 1.11            | 210.22      | 8,103.0               | 33.1         | -66.4        | 34.1                    | 0.31                    | 0.17                   | -13.43                |  |
| Base of Delaware - 1st BSPG Lime |                 |             |                       |              |              |                         |                         |                        |                       |  |
| 8,224.1                          | 1.36            | 197.90      | 8,221.0               | 30.8         | -67.4        | 31.8                    | 0.31                    | 0.21                   | -10.44                |  |
| Leonard A                        |                 |             |                       |              |              |                         |                         |                        |                       |  |
| 8,262.0                          | 1.45            | 194.89      | 8,258.9               | 29.9         | -67.6        | 30.9                    | 0.31                    | 0.24                   | -7.94                 |  |
| 8,452.0                          | 1.05            | 230.14      | 8,448.9               | 26.5         | -69.6        | 27.5                    | 0.45                    | -0.21                  | 18.55                 |  |
| 8,539.1                          | 1.45            | 286.77      | 8,536.0               | 26.3         | -71.3        | 27.3                    | 1.42                    | 0.45                   | 64.99                 |  |
| Leonard B                        |                 |             |                       |              |              |                         |                         |                        |                       |  |
| 8,642.0                          | 2.68            | 309.50      | 8,638.8               | 28.2         | -74.4        | 29.3                    | 1.42                    | 1.20                   | 22.10                 |  |
| 8,810.5                          | 4.17            | 303.04      | 8,807.0               | 34.0         | -82.5        | 35.3                    | 0.91                    | 0.88                   | -3.83                 |  |
| Leonard C                        |                 |             |                       |              |              |                         |                         |                        |                       |  |
| 8,831.0                          | 4.35            | 302.56      | 8,827.4               | 34.8         | -83.8        | 36.1                    | 0.91                    | 0.89                   | -2.36                 |  |
| 9,021.0                          | 3.30            | 289.38      | 9,017.0               | 40.5         | -95.0        | 42.0                    | 0.72                    | -0.55                  | -6.94                 |  |
| 9,060.0                          | 2.90            | 289.34      | 9,056.0               | 41.2         | -97.0        | 42.7                    | 1.03                    | -1.03                  | -0.11                 |  |
| 1st BSPG Sand                    |                 |             |                       |              |              |                         |                         |                        |                       |  |
| 9,209.0                          | 1.36            | 288.94      | 9,204.8               | 43.1         | -102.3       | 44.6                    | 1.03                    | -1.03                  | -0.27                 |  |
| 9,318.2                          | 1.18            | 300.28      | 9,314.0               | 44.0         | -104.5       | 45.6                    | 0.28                    | -0.16                  | 10.39                 |  |
| 2nd BSPG Lime                    |                 |             |                       |              |              |                         |                         |                        |                       |  |
| 9,384.0                          | 1.10            | 308.71      | 9,379.8               | 44.8         | -105.5       | 46.4                    | 0.28                    | -0.12                  | 12.81                 |  |
| 9,574.0                          | 0.84            | 235.06      | 9,569.8               | 45.1         | -108.1       | 46.8                    | 0.62                    | -0.14                  | -38.76                |  |
| 9,748.2                          | 1.26            | 200.23      | 9,744.0               | 42.6         | -109.8       | 44.2                    | 0.43                    | 0.24                   | -19.99                |  |
| 2nd BSPG Sand                    |                 |             |                       |              |              |                         |                         |                        |                       |  |
| 9,765.0                          | 1.32            | 198.23      | 9,760.8               | 42.2         | -109.9       | 43.9                    | 0.43                    | 0.33                   | -11.95                |  |
| 9,955.0                          | 2.02            | 196.30      | 9,950.7               | 36.9         | -111.6       | 38.6                    | 0.37                    | 0.37                   | -1.02                 |  |
| 10,145.0                         | 2.11            | 212.03      | 10,140.5              | 30.8         | -114.4       | 32.5                    | 0.30                    | 0.05                   | 8.28                  |  |
| 10,229.5                         | 2.13            | 209.65      | 10,225.0              | 28.1         | -116.0       | 29.8                    | 0.11                    | 0.02                   | -2.82                 |  |
| 3rd BSPG Lime                    |                 |             |                       |              |              |                         |                         |                        |                       |  |
| 10,334.0                         | 2.15            | 206.76      | 10,329.4              | 24.6         | -117.8       | 26.4                    | 0.11                    | 0.02                   | -2.77                 |  |
| 10,524.0                         | 1.80            | 187.33      | 10,519.3              | 18.5         | -119.8       | 20.3                    | 0.39                    | -0.18                  | -10.23                |  |
| 10,714.0                         | 1.32            | 196.83      | 10,709.2              | 13.5         | -120.8       | 15.3                    | 0.29                    | -0.25                  | 5.00                  |  |
| 10,903.0                         | 1.36            | 195.42      | 10,898.2              | 9.2          | -122.0       | 11.0                    | 0.03                    | 0.02                   | -0.75                 |  |
| 10,983.8                         | 1.49            | 215.81      | 10,979.0              | 7.4          | -122.9       | 9.3                     | 0.64                    | 0.16                   | 25.22                 |  |
| 3rd BSPG Sand                    |                 |             |                       |              |              |                         |                         |                        |                       |  |





# Intrepid Survey Report



|                  |                                                   |                                     |                                        |
|------------------|---------------------------------------------------|-------------------------------------|----------------------------------------|
| <b>Company:</b>  | Devon Energy                                      | <b>Local Co-ordinate Reference:</b> | Well Shetland 11-2 Fed State Com #711H |
| <b>Project:</b>  | Eddy County, NM (NAD 83 NME)                      | <b>TVD Reference:</b>               | KB @ 3232.7usft (Cactus 167)           |
| <b>Site:</b>     | (Shetland 11-2 Fed State)<br>Sec-11_T-26-S_R-31-E | <b>MD Reference:</b>                | KB @ 3232.7usft (Cactus 167)           |
| <b>Well:</b>     | Shetland 11-2 Fed State Com #711H                 | <b>North Reference:</b>             | Grid                                   |
| <b>Wellbore:</b> | OWB                                               | <b>Survey Calculation Method:</b>   | Minimum Curvature                      |
| <b>Design:</b>   | AWB                                               | <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) |  |
| 11,092.0               | 1.89            | 235.41      | 11,087.1              | 5.3          | -125.2       | 7.2                     | 0.64                    | 0.37                   | 18.12                 |  |
| 11,187.0               | 5.10            | 335.34      | 11,182.0              | 8.2          | -128.2       | 10.2                    | 6.04                    | 3.38                   | 105.19                |  |
| 11,282.0               | 21.27           | 350.20      | 11,274.2              | 29.2         | -133.0       | 31.2                    | 17.25                   | 17.02                  | 15.64                 |  |
| 11,377.0               | 30.99           | 355.29      | 11,359.4              | 70.6         | -137.9       | 72.7                    | 10.49                   | 10.23                  | 5.36                  |  |
| 11,407.3               | 33.67           | 355.26      | 11,385.0              | 86.8         | -139.3       | 88.9                    | 8.83                    | 8.83                   | -0.10                 |  |
| <b>Wolfcamp</b>        |                 |             |                       |              |              |                         |                         |                        |                       |  |
| 11,472.0               | 39.38           | 355.21      | 11,437.0              | 125.1        | -142.5       | 127.3                   | 8.83                    | 8.83                   | -0.08                 |  |
| 11,568.0               | 48.66           | 357.58      | 11,505.9              | 191.7        | -146.5       | 193.8                   | 9.82                    | 9.67                   | 2.47                  |  |
| 11,574.2               | 49.41           | 357.68      | 11,510.0              | 196.3        | -146.7       | 198.5                   | 12.17                   | 12.11                  | 1.64                  |  |
| <b>Wolfcamp Y Sand</b> |                 |             |                       |              |              |                         |                         |                        |                       |  |
| 11,645.3               | 58.02           | 358.71      | 11,552.0              | 253.5        | -148.5       | 255.7                   | 12.17                   | 12.12                  | 1.45                  |  |
| <b>Wolfcamp 100</b>    |                 |             |                       |              |              |                         |                         |                        |                       |  |
| 11,646.0               | 58.11           | 358.72      | 11,552.4              | 254.2        | -148.5       | 256.4                   | 12.17                   | 12.12                  | 1.30                  |  |
| 11,714.0               | 66.29           | 0.65        | 11,584.1              | 314.2        | -148.8       | 316.5                   | 12.29                   | 12.03                  | 2.84                  |  |
| 11,745.0               | 68.26           | 4.08        | 11,596.1              | 342.8        | -147.6       | 345.0                   | 12.02                   | 6.35                   | 11.06                 |  |
| 11,841.0               | 77.93           | 7.33        | 11,623.9              | 434.1        | -138.4       | 436.1                   | 10.58                   | 10.07                  | 3.39                  |  |
| 11,915.3               | 81.83           | 7.89        | 11,637.0              | 506.6        | -128.7       | 508.4                   | 5.30                    | 5.24                   | 0.76                  |  |
| <b>Wolfcamp 110</b>    |                 |             |                       |              |              |                         |                         |                        |                       |  |
| 11,935.0               | 82.86           | 8.04        | 11,639.6              | 525.9        | -126.0       | 527.7                   | 5.30                    | 5.25                   | 0.75                  |  |
| 12,031.0               | 89.71           | 4.87        | 11,645.8              | 621.0        | -115.3       | 622.7                   | 7.86                    | 7.14                   | -3.30                 |  |
| 12,126.0               | 91.52           | 2.41        | 11,644.8              | 715.8        | -109.3       | 717.4                   | 3.21                    | 1.91                   | -2.59                 |  |
| 12,221.0               | 91.65           | 2.59        | 11,642.2              | 810.7        | -105.1       | 812.2                   | 0.23                    | 0.14                   | 0.19                  |  |
| 12,316.0               | 91.30           | 2.15        | 11,639.8              | 905.6        | -101.2       | 907.0                   | 0.59                    | -0.37                  | -0.46                 |  |
| 12,411.0               | 89.76           | 1.01        | 11,638.9              | 1,000.5      | -98.6        | 1,001.9                 | 2.02                    | -1.62                  | -1.20                 |  |
| 12,506.0               | 89.27           | 359.16      | 11,639.7              | 1,095.5      | -98.4        | 1,096.9                 | 2.01                    | -0.52                  | -1.95                 |  |
| 12,602.0               | 90.46           | 358.99      | 11,639.9              | 1,191.5      | -100.0       | 1,192.9                 | 1.25                    | 1.24                   | -0.18                 |  |
| 12,697.0               | 88.88           | 357.93      | 11,640.4              | 1,286.5      | -102.5       | 1,287.9                 | 2.00                    | -1.66                  | -1.12                 |  |
| 12,792.0               | 89.41           | 358.02      | 11,641.9              | 1,381.4      | -105.9       | 1,382.8                 | 0.57                    | 0.56                   | 0.09                  |  |
| 12,887.0               | 87.78           | 357.93      | 11,644.2              | 1,476.3      | -109.2       | 1,477.8                 | 1.72                    | -1.72                  | -0.09                 |  |
| 12,981.0               | 87.52           | 357.14      | 11,648.1              | 1,570.1      | -113.3       | 1,571.7                 | 0.88                    | -0.28                  | -0.84                 |  |
| 13,075.0               | 87.43           | 356.70      | 11,652.2              | 1,663.9      | -118.3       | 1,665.5                 | 0.48                    | -0.10                  | -0.47                 |  |
| 13,170.0               | 90.07           | 358.46      | 11,654.3              | 1,758.8      | -122.3       | 1,760.4                 | 3.34                    | 2.78                   | 1.85                  |  |
| 13,265.0               | 90.24           | 358.02      | 11,654.0              | 1,853.7      | -125.3       | 1,855.4                 | 0.50                    | 0.18                   | -0.46                 |  |
| 13,361.0               | 90.20           | 357.05      | 11,653.6              | 1,949.7      | -129.4       | 1,951.4                 | 1.01                    | -0.04                  | -1.01                 |  |
| 13,454.0               | 90.55           | 359.25      | 11,653.0              | 2,042.6      | -132.4       | 2,044.4                 | 2.40                    | 0.38                   | 2.37                  |  |
| 13,549.0               | 91.47           | 1.27        | 11,651.4              | 2,137.6      | -132.0       | 2,139.3                 | 2.34                    | 0.97                   | 2.13                  |  |
| 13,645.0               | 90.29           | 2.24        | 11,649.9              | 2,233.5      | -129.0       | 2,235.2                 | 1.59                    | -1.23                  | 1.01                  |  |
| 13,740.0               | 92.66           | 3.47        | 11,647.4              | 2,328.4      | -124.3       | 2,330.0                 | 2.81                    | 2.49                   | 1.29                  |  |
| 13,833.0               | 89.49           | 3.73        | 11,645.7              | 2,421.1      | -118.4       | 2,422.7                 | 3.42                    | -3.41                  | 0.28                  |  |
| 13,929.0               | 88.40           | 3.03        | 11,647.5              | 2,517.0      | -112.8       | 2,518.4                 | 1.35                    | -1.14                  | -0.73                 |  |
| 14,025.0               | 88.22           | 2.85        | 11,650.3              | 2,612.8      | -107.9       | 2,614.1                 | 0.27                    | -0.19                  | -0.19                 |  |
| 14,120.0               | 90.73           | 2.32        | 11,651.2              | 2,707.7      | -103.6       | 2,708.9                 | 2.70                    | 2.64                   | -0.56                 |  |
| 14,215.0               | 90.11           | 1.89        | 11,650.5              | 2,802.6      | -100.1       | 2,803.8                 | 0.79                    | -0.65                  | -0.45                 |  |



# Intrepid Survey Report



|                  |                                                   |                                     |                                        |
|------------------|---------------------------------------------------|-------------------------------------|----------------------------------------|
| <b>Company:</b>  | Devon Energy                                      | <b>Local Co-ordinate Reference:</b> | Well Shetland 11-2 Fed State Com #711H |
| <b>Project:</b>  | Eddy County, NM (NAD 83 NME)                      | <b>TVD Reference:</b>               | KB @ 3232.7usft (Cactus 167)           |
| <b>Site:</b>     | (Shetland 11-2 Fed State)<br>Sec-11_T-26-S_R-31-E | <b>MD Reference:</b>                | KB @ 3232.7usft (Cactus 167)           |
| <b>Well:</b>     | Shetland 11-2 Fed State Com #711H                 | <b>North Reference:</b>             | Grid                                   |
| <b>Wellbore:</b> | OWB                                               | <b>Survey Calculation Method:</b>   | Minimum Curvature                      |
| <b>Design:</b>   | AWB                                               | <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) |
| 14,311.0              | 90.51           | 2.85        | 11,649.9              | 2,898.5      | -96.1        | 2,899.7                 | 1.08                    | 0.42                   | 1.00                  |
| 14,405.0              | 90.46           | 3.12        | 11,649.1              | 2,992.4      | -91.2        | 2,993.4                 | 0.29                    | -0.05                  | 0.29                  |
| 14,500.0              | 90.86           | 2.94        | 11,648.1              | 3,087.3      | -86.2        | 3,088.2                 | 0.46                    | 0.42                   | -0.19                 |
| 14,594.0              | 89.05           | 2.32        | 11,648.1              | 3,181.2      | -81.9        | 3,182.0                 | 2.04                    | -1.93                  | -0.66                 |
| 14,688.0              | 90.37           | 3.03        | 11,648.6              | 3,275.1      | -77.5        | 3,275.9                 | 1.59                    | 1.40                   | 0.76                  |
| 14,783.0              | 87.30           | 1.71        | 11,650.5              | 3,369.9      | -73.6        | 3,370.7                 | 3.52                    | -3.23                  | -1.39                 |
| 14,878.0              | 89.93           | 0.65        | 11,652.8              | 3,464.9      | -71.6        | 3,465.6                 | 2.98                    | 2.77                   | -1.12                 |
| 14,973.0              | 90.42           | 0.13        | 11,652.5              | 3,559.9      | -71.0        | 3,560.5                 | 0.75                    | 0.52                   | -0.55                 |
| 15,068.0              | 90.24           | 0.39        | 11,652.0              | 3,654.9      | -70.5        | 3,655.5                 | 0.33                    | -0.19                  | 0.27                  |
| 15,164.0              | 88.84           | 359.78      | 11,652.8              | 3,750.9      | -70.4        | 3,751.5                 | 1.59                    | -1.46                  | -0.64                 |
| 15,258.0              | 88.22           | 358.99      | 11,655.2              | 3,844.8      | -71.4        | 3,845.5                 | 1.07                    | -0.66                  | -0.84                 |
| 15,353.0              | 86.99           | 358.46      | 11,659.1              | 3,939.7      | -73.5        | 3,940.4                 | 1.41                    | -1.29                  | -0.56                 |
| 15,449.0              | 88.00           | 356.26      | 11,663.3              | 4,035.5      | -77.9        | 4,036.2                 | 2.52                    | 1.05                   | -2.29                 |
| 15,544.0              | 92.13           | 356.00      | 11,663.2              | 4,130.3      | -84.4        | 4,131.1                 | 4.36                    | 4.35                   | -0.27                 |
| 15,640.0              | 93.32           | 356.96      | 11,658.7              | 4,226.0      | -90.2        | 4,226.9                 | 1.59                    | 1.24                   | 1.00                  |
| 15,735.0              | 92.48           | 359.16      | 11,653.9              | 4,320.8      | -93.5        | 4,321.7                 | 2.48                    | -0.88                  | 2.32                  |
| 15,830.0              | 89.27           | 1.18        | 11,652.4              | 4,415.8      | -93.2        | 4,416.7                 | 3.99                    | -3.38                  | 2.13                  |
| 15,925.0              | 89.23           | 1.45        | 11,653.7              | 4,510.7      | -91.0        | 4,511.6                 | 0.29                    | -0.04                  | 0.28                  |
| 16,020.0              | 89.01           | 0.65        | 11,655.1              | 4,605.7      | -89.2        | 4,606.5                 | 0.87                    | -0.23                  | -0.84                 |
| 16,115.0              | 89.36           | 0.30        | 11,656.5              | 4,700.7      | -88.5        | 4,701.5                 | 0.52                    | 0.37                   | -0.37                 |
| 16,211.0              | 90.20           | 0.22        | 11,656.8              | 4,796.7      | -88.0        | 4,797.5                 | 0.88                    | 0.88                   | -0.08                 |
| 16,306.0              | 89.10           | 359.86      | 11,657.4              | 4,891.7      | -88.0        | 4,892.5                 | 1.22                    | -1.16                  | -0.38                 |
| 16,401.0              | 88.88           | 358.81      | 11,659.1              | 4,986.7      | -89.1        | 4,987.5                 | 1.13                    | -0.23                  | -1.11                 |
| 16,496.0              | 88.70           | 358.28      | 11,661.1              | 5,081.6      | -91.5        | 5,082.4                 | 0.59                    | -0.19                  | -0.56                 |
| 16,590.0              | 87.74           | 357.93      | 11,664.0              | 5,175.5      | -94.6        | 5,176.4                 | 1.09                    | -1.02                  | -0.37                 |
| 16,685.0              | 89.71           | 356.61      | 11,666.1              | 5,270.4      | -99.1        | 5,271.3                 | 2.50                    | 2.07                   | -1.39                 |
| 16,781.0              | 90.68           | 356.44      | 11,665.8              | 5,366.2      | -104.9       | 5,367.2                 | 1.03                    | 1.01                   | -0.18                 |
| 16,876.0              | 91.12           | 356.61      | 11,664.3              | 5,461.0      | -110.7       | 5,462.1                 | 0.50                    | 0.46                   | 0.18                  |
| 16,971.0              | 90.95           | 356.70      | 11,662.6              | 5,555.8      | -116.2       | 5,557.0                 | 0.20                    | -0.18                  | 0.09                  |
| 17,066.0              | 88.13           | 356.17      | 11,663.4              | 5,650.7      | -122.1       | 5,651.9                 | 3.02                    | -2.97                  | -0.56                 |
| 17,161.0              | 89.63           | 356.08      | 11,665.2              | 5,745.4      | -128.5       | 5,746.7                 | 1.58                    | 1.58                   | -0.09                 |
| 17,257.0              | 90.15           | 356.00      | 11,665.4              | 5,841.2      | -135.2       | 5,842.6                 | 0.55                    | 0.54                   | -0.08                 |
| 17,352.0              | 89.71           | 357.05      | 11,665.5              | 5,936.0      | -140.9       | 5,937.5                 | 1.20                    | -0.46                  | 1.11                  |
| 17,447.0              | 90.86           | 359.07      | 11,665.0              | 6,030.9      | -144.2       | 6,032.4                 | 2.45                    | 1.21                   | 2.13                  |
| 17,542.0              | 91.16           | 358.90      | 11,663.4              | 6,125.9      | -145.8       | 6,127.4                 | 0.36                    | 0.32                   | -0.18                 |
| 17,637.0              | 90.64           | 1.18        | 11,661.9              | 6,220.9      | -145.8       | 6,222.4                 | 2.46                    | -0.55                  | 2.40                  |
| 17,732.0              | 89.32           | 0.57        | 11,661.9              | 6,315.9      | -144.3       | 6,317.3                 | 1.53                    | -1.39                  | -0.64                 |
| 17,826.0              | 88.75           | 359.95      | 11,663.5              | 6,409.9      | -143.9       | 6,411.3                 | 0.90                    | -0.61                  | -0.66                 |
| 17,922.0              | 86.90           | 0.04        | 11,667.1              | 6,505.8      | -143.9       | 6,507.2                 | 1.93                    | -1.93                  | 0.09                  |
| 18,017.0              | 89.32           | 0.83        | 11,670.3              | 6,600.7      | -143.2       | 6,602.1                 | 2.68                    | 2.55                   | 0.83                  |
| 18,111.0              | 93.58           | 5.40        | 11,667.9              | 6,694.5      | -138.1       | 6,695.8                 | 6.64                    | 4.53                   | 4.86                  |
| 18,206.0              | 91.60           | 4.52        | 11,663.6              | 6,789.1      | -129.9       | 6,790.2                 | 2.28                    | -2.08                  | -0.93                 |
| 18,301.0              | 92.66           | 4.26        | 11,660.1              | 6,883.7      | -122.6       | 6,884.8                 | 1.15                    | 1.12                   | -0.27                 |



# Intrepid Survey Report



|                  |                                                   |                                     |                                        |
|------------------|---------------------------------------------------|-------------------------------------|----------------------------------------|
| <b>Company:</b>  | Devon Energy                                      | <b>Local Co-ordinate Reference:</b> | Well Shetland 11-2 Fed State Com #711H |
| <b>Project:</b>  | Eddy County, NM (NAD 83 NME)                      | <b>TVD Reference:</b>               | KB @ 3232.7usft (Cactus 167)           |
| <b>Site:</b>     | (Shetland 11-2 Fed State)<br>Sec-11_T-26-S_R-31-E | <b>MD Reference:</b>                | KB @ 3232.7usft (Cactus 167)           |
| <b>Well:</b>     | Shetland 11-2 Fed State Com #711H                 | <b>North Reference:</b>             | Grid                                   |
| <b>Wellbore:</b> | OWB                                               | <b>Survey Calculation Method:</b>   | Minimum Curvature                      |
| <b>Design:</b>   | AWB                                               | <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) |
| 18,396.0              | 89.80           | 2.24        | 11,658.0              | 6,978.5      | -117.2       | 6,979.5                 | 3.69                    | -3.01                  | -2.13                 |
| 18,490.0              | 89.10           | 1.62        | 11,658.9              | 7,072.5      | -114.1       | 7,073.4                 | 0.99                    | -0.74                  | -0.66                 |
| 18,584.0              | 89.14           | 1.27        | 11,660.4              | 7,166.4      | -111.7       | 7,167.3                 | 0.37                    | 0.04                   | -0.37                 |
| 18,678.0              | 89.89           | 1.36        | 11,661.2              | 7,260.4      | -109.5       | 7,261.2                 | 0.80                    | 0.80                   | 0.10                  |
| 18,772.0              | 86.24           | 0.83        | 11,664.3              | 7,354.3      | -107.7       | 7,355.1                 | 3.92                    | -3.88                  | -0.56                 |
| 18,866.0              | 87.34           | 0.30        | 11,669.6              | 7,448.2      | -106.8       | 7,448.9                 | 1.30                    | 1.17                   | -0.56                 |
| 18,960.0              | 86.33           | 0.04        | 11,674.8              | 7,542.0      | -106.5       | 7,542.8                 | 1.11                    | -1.07                  | -0.28                 |
| 19,053.0              | 88.18           | 358.81      | 11,679.2              | 7,634.9      | -107.5       | 7,635.6                 | 2.39                    | 1.99                   | -1.32                 |
| 19,148.0              | 90.64           | 358.81      | 11,680.2              | 7,729.9      | -109.4       | 7,730.6                 | 2.59                    | 2.59                   | 0.00                  |
| 19,242.0              | 90.15           | 358.81      | 11,679.6              | 7,823.8      | -111.4       | 7,824.6                 | 0.52                    | -0.52                  | 0.00                  |
| 19,337.0              | 90.81           | 358.46      | 11,678.8              | 7,918.8      | -113.7       | 7,919.6                 | 0.79                    | 0.69                   | -0.37                 |
| 19,433.0              | 90.55           | 358.55      | 11,677.6              | 8,014.8      | -116.2       | 8,015.6                 | 0.29                    | -0.27                  | 0.09                  |
| 19,526.0              | 88.75           | 356.61      | 11,678.2              | 8,107.7      | -120.1       | 8,108.6                 | 2.85                    | -1.94                  | -2.09                 |
| 19,621.0              | 89.10           | 357.32      | 11,680.0              | 8,202.5      | -125.1       | 8,203.5                 | 0.83                    | 0.37                   | 0.75                  |
| 19,715.0              | 89.93           | 358.11      | 11,680.8              | 8,296.4      | -128.9       | 8,297.4                 | 1.22                    | 0.88                   | 0.84                  |
| 19,810.0              | 90.11           | 357.93      | 11,680.8              | 8,391.4      | -132.1       | 8,392.4                 | 0.27                    | 0.19                   | -0.19                 |
| 19,905.0              | 90.33           | 358.63      | 11,680.4              | 8,486.3      | -135.0       | 8,487.4                 | 0.77                    | 0.23                   | 0.74                  |
| 20,000.0              | 90.95           | 358.37      | 11,679.3              | 8,581.3      | -137.5       | 8,582.4                 | 0.71                    | 0.65                   | -0.27                 |
| 20,096.0              | 91.08           | 358.28      | 11,677.6              | 8,677.2      | -140.3       | 8,678.4                 | 0.16                    | 0.14                   | -0.09                 |
| 20,191.0              | 91.43           | 358.72      | 11,675.5              | 8,772.2      | -142.8       | 8,773.3                 | 0.59                    | 0.37                   | 0.46                  |
| 20,286.0              | 89.93           | 357.14      | 11,674.4              | 8,867.1      | -146.2       | 8,868.3                 | 2.29                    | -1.58                  | -1.66                 |
| 20,381.0              | 89.41           | 356.44      | 11,675.0              | 8,962.0      | -151.5       | 8,963.2                 | 0.92                    | -0.55                  | -0.74                 |
| 20,476.0              | 87.08           | 358.63      | 11,677.9              | 9,056.8      | -155.6       | 9,058.1                 | 3.37                    | -2.45                  | 2.31                  |
| 20,572.0              | 87.03           | 358.46      | 11,682.8              | 9,152.7      | -158.0       | 9,154.0                 | 0.18                    | -0.05                  | -0.18                 |
| 20,667.0              | 86.46           | 0.39        | 11,688.2              | 9,247.5      | -159.0       | 9,248.8                 | 2.12                    | -0.60                  | 2.03                  |
| 20,762.0              | 86.42           | 359.78      | 11,694.1              | 9,342.3      | -158.9       | 9,343.7                 | 0.64                    | -0.04                  | -0.64                 |
| 20,857.0              | 86.90           | 0.13        | 11,699.6              | 9,437.2      | -158.9       | 9,438.5                 | 0.62                    | 0.51                   | 0.37                  |
| 20,953.0              | 86.16           | 0.57        | 11,705.4              | 9,533.0      | -158.3       | 9,534.3                 | 0.90                    | -0.77                  | 0.46                  |
| 21,048.0              | 85.71           | 0.83        | 11,712.2              | 9,627.7      | -157.2       | 9,629.0                 | 0.55                    | -0.47                  | 0.27                  |
| 21,143.0              | 86.20           | 0.65        | 11,718.9              | 9,722.5      | -156.0       | 9,723.7                 | 0.55                    | 0.52                   | -0.19                 |
| 21,238.0              | 86.37           | 0.74        | 11,725.0              | 9,817.3      | -154.8       | 9,818.5                 | 0.20                    | 0.18                   | 0.09                  |
| 21,333.0              | 86.20           | 1.01        | 11,731.2              | 9,912.1      | -153.4       | 9,913.3                 | 0.34                    | -0.18                  | 0.28                  |
| 21,428.0              | 86.59           | 1.01        | 11,737.2              | 10,006.9     | -151.7       | 10,008.0                | 0.41                    | 0.41                   | 0.00                  |
| 21,523.0              | 84.31           | 1.18        | 11,744.7              | 10,101.5     | -149.9       | 10,102.7                | 2.41                    | -2.40                  | 0.18                  |
| 21,618.0              | 84.00           | 1.62        | 11,754.4              | 10,196.0     | -147.6       | 10,197.1                | 0.56                    | -0.33                  | 0.46                  |
| 21,713.0              | 83.52           | 1.97        | 11,764.7              | 10,290.4     | -144.6       | 10,291.4                | 0.62                    | -0.51                  | 0.37                  |
| 21,809.0              | 82.68           | 1.89        | 11,776.2              | 10,385.7     | -141.4       | 10,386.6                | 0.88                    | -0.88                  | -0.08                 |
| 21,904.0              | 82.42           | 1.97        | 11,788.6              | 10,479.8     | -138.2       | 10,480.7                | 0.29                    | -0.27                  | 0.08                  |
| 21,964.0              | 82.73           | 2.50        | 11,796.3              | 10,539.3     | -135.9       | 10,540.1                | 1.02                    | 0.52                   | 0.88                  |
| 22,022.0              | 82.73           | 2.50        | 11,803.6              | 10,596.7     | -133.4       | 10,597.5                | 0.00                    | 0.00                   | 0.00                  |



# Intrepid Survey Report



|                  |                                                   |                                     |                                        |
|------------------|---------------------------------------------------|-------------------------------------|----------------------------------------|
| <b>Company:</b>  | Devon Energy                                      | <b>Local Co-ordinate Reference:</b> | Well Shetland 11-2 Fed State Com #711H |
| <b>Project:</b>  | Eddy County, NM (NAD 83 NME)                      | <b>TVD Reference:</b>               | KB @ 3232.7usft (Cactus 167)           |
| <b>Site:</b>     | (Shetland 11-2 Fed State)<br>Sec-11_T-26-S_R-31-E | <b>MD Reference:</b>                | KB @ 3232.7usft (Cactus 167)           |
| <b>Well:</b>     | Shetland 11-2 Fed State Com #711H                 | <b>North Reference:</b>             | Grid                                   |
| <b>Wellbore:</b> | OWB                                               | <b>Survey Calculation Method:</b>   | Minimum Curvature                      |
| <b>Design:</b>   | AWB                                               | <b>Database:</b>                    | EDM 5000.15 Single User Db             |

## Design Targets

### Target Name

| - hit/miss target                                                                                                                                                           | Dip Angle<br>(°) | Dip Dir.<br>(°) | TVD<br>(usft) | +N/-S<br>(usft) | +E/-W<br>(usft) | Northing<br>(usft) | Easting<br>(usft) | Latitude        | Longitude         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-----------------|---------------|-----------------|-----------------|--------------------|-------------------|-----------------|-------------------|
| - Shape                                                                                                                                                                     |                  |                 |               |                 |                 |                    |                   |                 |                   |
| FTP (Shetland 11-2 F<br>- actual wellpath misses target center by 69.9usft at 11736.2usft MD (11592.7 TVD, 334.6 N, -148.1 E)<br>- Point                                    | 0.00             | 0.00            | 11,637.0      | 314.0           | -98.1           | 382,790.74         | 720,145.33        | 32° 3' 3.808 N  | 103° 45' 22.305 W |
| 9013'VS (Shetland 11<br>- actual wellpath misses target center by 14.8usft at 20430.2usft MD (11676.0 TVD, 9011.1 N, -154.1 E)<br>- Rectangle (sides W100.0 H8,238.3 D30.0) | 0.10             | 359.67          | 11,662.4      | 9,011.8         | -148.3          | 391,488.54         | 720,095.15        | 32° 4' 29.883 N | 103° 45' 22.348 W |
| PBHL (Shetland 11-2<br>- actual wellpath misses target center by 14.1usft at 21741.0usft MD (11767.9 TVD, 10318.2 N, -143.7 E)<br>- Rectangle (sides W100.0 H1,311.6 D30.0) | 4.71             | 359.67          | 11,760.8      | 10,319.4        | -155.8          | 392,796.19         | 720,087.61        | 32° 4' 42.823 N | 103° 45' 22.354 W |

## Formations

| Measured<br>Depth<br>(usft) | Vertical<br>Depth<br>(usft) | Name             | Lithology | Dip<br>(°) | Dip<br>Direction<br>(°) |
|-----------------------------|-----------------------------|------------------|-----------|------------|-------------------------|
| 1,276.2                     | 1,276.0                     | Rustler          |           |            |                         |
| 1,623.3                     | 1,623.0                     | Salado           |           |            |                         |
| 4,112.8                     | 4,112.0                     | Base of Salt     |           |            |                         |
| 4,112.8                     | 4,112.0                     | Delaware         |           |            |                         |
| 5,118.3                     | 5,117.0                     | Cherry Canyon    |           |            |                         |
| 6,452.8                     | 6,450.0                     | Brushy Canyon    |           |            |                         |
| 7,870.0                     | 7,867.0                     | Lower Brushy     |           |            |                         |
| 8,106.0                     | 8,103.0                     | Base of Delaware |           |            |                         |
| 8,106.0                     | 8,103.0                     | 1st BSPG Lime    |           |            |                         |
| 8,224.1                     | 8,221.0                     | Leonard A        |           |            |                         |
| 8,539.1                     | 8,536.0                     | Leonard B        |           |            |                         |
| 8,810.5                     | 8,807.0                     | Leonard C        |           |            |                         |
| 9,060.0                     | 9,056.0                     | 1st BSPG Sand    |           |            |                         |
| 9,318.2                     | 9,314.0                     | 2nd BSPG Lime    |           |            |                         |
| 9,748.2                     | 9,744.0                     | 2nd BSPG Sand    |           |            |                         |
| 10,229.5                    | 10,225.0                    | 3rd BSPG Lime    |           |            |                         |
| 10,983.8                    | 10,979.0                    | 3rd BSPG Sand    |           |            |                         |
| 11,407.3                    | 11,385.0                    | Wolfcamp         |           |            |                         |
| 11,574.2                    | 11,510.0                    | Wolfcamp Y Sand  |           |            |                         |
| 11,645.3                    | 11,552.0                    | Wolfcamp 100     |           |            |                         |
| 11,915.3                    | 11,637.0                    | Wolfcamp 110     |           |            |                         |

## Design Annotations

| Measured<br>Depth<br>(usft) | Vertical<br>Depth<br>(usft) | Local Coordinates |                 | Comment                                           |
|-----------------------------|-----------------------------|-------------------|-----------------|---------------------------------------------------|
|                             |                             | +N/-S<br>(usft)   | +E/-W<br>(usft) |                                                   |
| 11,713.5                    | 11,583.9                    | 313.8             | -148.8          | FTP @ 11713.5'MD, 330'FSL & 329.5'FWL             |
| 21,742.4                    | 11,768.1                    | 10,319.6          | -143.6          | LTP @ 21742.4'MD, 330'FNL & 392.1'FWL             |
| 21,964.0                    | 11,796.3                    | 10,539.3          | -135.9          | LAST SVY                                          |
| 22,022.0                    | 11,803.6                    | 10,596.7          | -133.4          | Projection to TD @ 22022'MD, 52.9'FNL & 403.7'FWL |

**Intrepid**  
Survey Report

|                  |                                                   |                                     |                                        |
|------------------|---------------------------------------------------|-------------------------------------|----------------------------------------|
| <b>Company:</b>  | Devon Energy                                      | <b>Local Co-ordinate Reference:</b> | Well Shetland 11-2 Fed State Com #711H |
| <b>Project:</b>  | Eddy County, NM (NAD 83 NME)                      | <b>TVD Reference:</b>               | KB @ 3232.7usft (Cactus 167)           |
| <b>Site:</b>     | (Shetland 11-2 Fed State)<br>Sec-11_T-26-S_R-31-E | <b>MD Reference:</b>                | KB @ 3232.7usft (Cactus 167)           |
| <b>Well:</b>     | Shetland 11-2 Fed State Com #711H                 | <b>North Reference:</b>             | Grid                                   |
| <b>Wellbore:</b> | OWB                                               | <b>Survey Calculation Method:</b>   | Minimum Curvature                      |
| <b>Design:</b>   | AWB                                               | <b>Database:</b>                    | EDM 5000.15 Single User Db             |

|                   |                    |             |
|-------------------|--------------------|-------------|
| 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.                                                                             | 30-015-47156                  |
| 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                                                     | SHETLAND 11-2 FED STATE COM   |
| 8. Well Number                                                                           | 711H                          |
| 9. OGRID Number                                                                          | 6137                          |
| 10. Pool name or Wildcat                                                                 | ; 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"/> |  |
| 2. Name of Operator<br>Devon Energy Production Company, L.P.                                                                                                                                                                                                                                                                                    |  |
| 3. Address of Operator<br>333 West Sheridan, Oklahoma City, OK 73102                                                                                                                                                                                                                                                                            |  |
| 4. Well Location<br>Unit Letter <u>M</u> : <u>15</u> feet from the <u>South</u> line and <u>475</u> feet from the <u>West</u> line<br>Section <u>11</u> Township <u>26S</u> Range <u>31E</u> NMPM County <u>EDDY</u>                                                                                                                            |  |
| 11. Elevation (Show whether DR, RKB, RT, GR, etc.)<br>GL: 3208.2                                                                                                                                                                                                                                                                                |  |

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

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

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.  
 12/30/2020-1/12/2021: MIRU WL & PT. PT csg for 30min, OK. TIH w/pump through frac plug and guns. Perf Wolfcamp, 11900-21897. Frac totals 25099795# prop, 464891 bbl fluid, 60 bbls acid. DO plugs & CO to PBTD with cmt plug 21956.1 MD/11795.3 TVD. CHC, FWB, ND BOP. Tubing set:N/A TOP: 4/22/2021  
 Rustler850  
 Salt1205  
 Base of Salt4185  
 Lamar4185  
 Delaware4185  
 Cherry Canyon5195  
 Brushy Canyon6545  
 1st Bone Spring Lime8160  
 Bone Spring 1st9225  
 Bone Spring 2nd9835  
 3rd Bone Spring Lime10330  
 Bone Spring 3rd11085  
 Wolfcamp11480  
 Strawn14050

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 5/25/2021

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

**For State Use Only**

Jenny Harms

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

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><b>30-015-47156</b>                                                                                                                                                |                        | 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><b>SHETLAND 11-2 FED STATE COM</b><br><br>6. Well Number:<br><br><b>711H</b>                                      |                                |                          |             |               |  |
| 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><b>Devon Energy Production Company, L.P.</b>                                                                                                                                                                                                                                                                                                                       |                                        |                                                                                                                                                                                       |                        |                                                                                                                                |                          | 9. OGRID<br><b>6137</b>                                                                                                                                   |                                |                          |             |               |  |
| 10. Address of Operator<br><b>333 West Sheridan Avenue, Oklahoma City, OK 73102</b>                                                                                                                                                                                                                                                                                                       |                                        |                                                                                                                                                                                       |                        |                                                                                                                                |                          | 11. Pool name or Wildcat<br><b>; PURPLE SAGE; WOLFCAMP (GAS)</b>                                                                                          |                                |                          |             |               |  |
| 12. Location                                                                                                                                                                                                                                                                                                                                                                              | Unit Ltr                               | Section                                                                                                                                                                               | Township               | Range                                                                                                                          | Lot                      | Feet from the                                                                                                                                             | N/S Line                       | Feet from the            | E/W Line    | County        |  |
| <b>Surface:</b>                                                                                                                                                                                                                                                                                                                                                                           | <b>M</b>                               | <b>11</b>                                                                                                                                                                             | <b>26S</b>             | <b>31E</b>                                                                                                                     |                          | <b>15</b>                                                                                                                                                 | <b>South</b>                   | <b>475</b>               | <b>West</b> | <b>EDDY</b>   |  |
| <b>BH:</b>                                                                                                                                                                                                                                                                                                                                                                                | <b>D</b>                               | <b>2</b>                                                                                                                                                                              | <b>26S</b>             | <b>31E</b>                                                                                                                     |                          | <b>55</b>                                                                                                                                                 | <b>North</b>                   | <b>404</b>               | <b>West</b> | <b>EDDY</b>   |  |
| 13. Date Spudded<br><b>7/20/20</b>                                                                                                                                                                                                                                                                                                                                                        | 14. Date T.D. Reached<br><b>9/9/20</b> | 15. Date Rig Released<br><b>9/14/20</b>                                                                                                                                               |                        | 16. Date Completed (Ready to Produce)<br><b>4/22/21</b>                                                                        |                          | 17. Elevations (DF and RKB, RT, GR, etc.)<br><b>3208.2 GL</b>                                                                                             |                                |                          |             |               |  |
| 18. Total Measured Depth of Well<br><b>22022 MD, 11803.65 TVD</b>                                                                                                                                                                                                                                                                                                                         |                                        | 19. Plug Back Measured Depth<br><b>21956.1 MD/11795.3 TVD</b>                                                                                                                         |                        | 20. Was Directional Survey Made?<br><b>Yes</b>                                                                                 |                          | 21. Type Electric and Other Logs Run<br><b>CBL</b>                                                                                                        |                                |                          |             |               |  |
| 22. Producing Interval(s), of this completion - Top, Bottom, Name<br><b>11900-21897, PURPLE SAGE; WOLFCAMP (GAS)</b>                                                                                                                                                                                                                                                                      |                                        |                                                                                                                                                                                       |                        |                                                                                                                                |                          |                                                                                                                                                           |                                |                          |             |               |  |
| <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                                                                                                                                                                                  |                        | 1302.8                                                                                                                         |                          | 17.5                                                                                                                                                      |                                | 1320                     |             |               |  |
| 8 5/8                                                                                                                                                                                                                                                                                                                                                                                     |                                        | 32                                                                                                                                                                                    |                        | 11686.7                                                                                                                        |                          | 9.875                                                                                                                                                     |                                | 1045                     |             |               |  |
| 5.5                                                                                                                                                                                                                                                                                                                                                                                       |                                        | 20                                                                                                                                                                                    |                        | 22007.8                                                                                                                        |                          | 7.875                                                                                                                                                     |                                | 3220                     |             |               |  |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                        |                                                                                                                                                                                       |                        |                                                                                                                                |                          |                                                                                                                                                           |                                |                          |             |               |  |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                        |                                                                                                                                                                                       |                        |                                                                                                                                |                          |                                                                                                                                                           |                                |                          |             |               |  |
| <b>24. LINER RECORD</b>                                                                                                                                                                                                                                                                                                                                                                   |                                        |                                                                                                                                                                                       |                        |                                                                                                                                |                          |                                                                                                                                                           |                                | <b>25. TUBING RECORD</b> |             |               |  |
| SIZE                                                                                                                                                                                                                                                                                                                                                                                      | TOP                                    | BOTTOM                                                                                                                                                                                | SACKS CEMENT           | SCREEN                                                                                                                         |                          | SIZE                                                                                                                                                      | DEPTH SET                      |                          | PACKER SET  |               |  |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                        |                                                                                                                                                                                       |                        |                                                                                                                                |                          |                                                                                                                                                           | N/A                            |                          |             |               |  |
| 26. Perforation record (interval, size, and number)<br><b>11900 - 21897, total 1000 holes</b>                                                                                                                                                                                                                                                                                             |                                        |                                                                                                                                                                                       |                        |                                                                                                                                |                          | 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.<br>DEPTH INTERVAL      AMOUNT AND KIND MATERIAL USED<br><b>11900-21897</b> Acidize and frac in 51 stages. |                                |                          |             |               |  |
| <b>28. PRODUCTION</b>                                                                                                                                                                                                                                                                                                                                                                     |                                        |                                                                                                                                                                                       |                        |                                                                                                                                |                          |                                                                                                                                                           |                                |                          |             |               |  |
| Date First Production<br><b>4/22/21</b>                                                                                                                                                                                                                                                                                                                                                   |                                        | Production Method ( <i>Flowing, gas lift, pumping - Size and type pump</i> )                                                                                                          |                        |                                                                                                                                |                          | Well Status ( <i>Prod. or Shut-in</i> )<br><b>Producing</b>                                                                                               |                                |                          |             |               |  |
| Date of Test<br><b>5/22/21</b>                                                                                                                                                                                                                                                                                                                                                            | Hours Tested<br><b>24</b>              | Choke Size                                                                                                                                                                            | Prod'n For Test Period | Oil - Bbl<br><b>1861</b>                                                                                                       | Gas - MCF<br><b>8361</b> | Water - Bbl.<br><b>5626</b>                                                                                                                               | Gas - Oil Ratio<br><b>4492</b> |                          |             |               |  |
| Flow Tubing Press.                                                                                                                                                                                                                                                                                                                                                                        | Casing Pressure                        | Calculated 24-Hour Rate                                                                                                                                                               | Oil - Bbl.             | Gas - MCF                                                                                                                      | Water - Bbl.             | Oil Gravity - API - ( <i>Corr.</i> )                                                                                                                      |                                |                          |             |               |  |
| 29. Disposition of Gas ( <i>Sold, used for fuel, vented, etc.</i> )<br><b>Sold</b>                                                                                                                                                                                                                                                                                                        |                                        |                                                                                                                                                                                       |                        |                                                                                                                                |                          |                                                                                                                                                           |                                | 30. Test Witnessed By    |             |               |  |
| 31. List Attachments<br><b>Directional Survey, Logs</b>                                                                                                                                                                                                                                                                                                                                   |                                        |                                                                                                                                                                                       |                        |                                                                                                                                |                          |                                                                                                                                                           |                                |                          |             |               |  |
| 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><b>Jenny Harms</b>                                                                                                                                                    |                        | Title<br><b>Regulatory Specialist</b>                                                                                          |                          | Date<br><b>5/25/2021</b>                                                                                                                                  |                                |                          |             |               |  |
| E-mail Address<br><b>jenny.harms@dv.com</b>                                                                                                                                                                                                                                                                                                                                               |                                        |                                                                                                                                                                                       |                        |                                                                                                                                |                          |                                                                                                                                                           |                                |                          |             |               |  |



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 - 850                |  |                         |  |
| SALT - 1205                  |  |                         |  |
| BASE OF SALT - 4185          |  |                         |  |
| LAMAR - 4185                 |  |                         |  |
| DELAWARE - 4185              |  |                         |  |
| CHERRY CANYON - 5195         |  |                         |  |
| Brushy Canyon - 6545         |  |                         |  |
| 1st Bone Spring Lime - 8160  |  |                         |  |
| Bone Spring 1st - 9225       |  |                         |  |
| Bone Spring 2nd - 9835       |  |                         |  |
| 3rd Bone Spring Lime - 10330 |  |                         |  |
| Bone Spring 3rd - 11085      |  |                         |  |
| Wolfcamp - 11480             |  |                         |  |
| Strawn - 14050               |  |                         |  |
|                              |  |                         |  |
|                              |  |                         |  |

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

## IMPORTANT WATER SANDS

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.....

## LITHOLOGY RECORD (Attach additional sheet if necessary)

| 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 29455

**ACKNOWLEDGMENTS**

|                                                                                                       |                                                    |
|-------------------------------------------------------------------------------------------------------|----------------------------------------------------|
| Operator:<br>DEVON ENERGY PRODUCTION COMPANY, LP<br>333 West Sheridan Ave.<br>Oklahoma City, OK 73102 | OGRID:<br>6137                                     |
|                                                                                                       | Action Number:<br>29455                            |
|                                                                                                       | 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 29455

CONDITIONS

|                                                                                                       |                                                    |
|-------------------------------------------------------------------------------------------------------|----------------------------------------------------|
| Operator:<br>DEVON ENERGY PRODUCTION COMPANY, LP<br>333 West Sheridan Ave.<br>Oklahoma City, OK 73102 | OGRID:<br>6137                                     |
|                                                                                                       | Action Number:<br>29455                            |
|                                                                                                       | Action Type:<br>[C-104] Completion Packet (C-104C) |

CONDITIONS

|            |           |                |
|------------|-----------|----------------|
| Created By | Condition | Condition Date |
| ksimmons   | None      | 7/26/2021      |