

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

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

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>COG Operating<br>600 West Illinois Ave.<br>Midland, TX 79701 |                                                       | <sup>2</sup> OGRID Number<br>229137                                  |                                  |
|                                                                                                        |                                                       | <sup>3</sup> Reason for Filing Code/ Effective Date<br>NW/08.02.2022 |                                  |
| <sup>4</sup> API Number<br>30-015-46956                                                                | <sup>5</sup> Pool Name<br>Purple Sage, Wolfcamp (Gas) |                                                                      | <sup>6</sup> Pool Code<br>98220  |
| <sup>7</sup> Property Code<br>327858                                                                   | <sup>8</sup> Property Name<br>Scout State Com         |                                                                      | <sup>9</sup> Well Number<br>602H |

II. <sup>10</sup> Surface Location

|                    |               |                 |              |              |                      |                       |                      |                     |                |
|--------------------|---------------|-----------------|--------------|--------------|----------------------|-----------------------|----------------------|---------------------|----------------|
| UL or lot no.<br>A | Section<br>06 | Township<br>25S | Range<br>28E | Lot Idn<br>1 | Feet from the<br>280 | North/South Line<br>N | Feet from the<br>906 | East/West line<br>E | County<br>EDDY |
|--------------------|---------------|-----------------|--------------|--------------|----------------------|-----------------------|----------------------|---------------------|----------------|

<sup>11</sup> Bottom Hole Location

|                             |                                             |                 |                                                    |         |                                   |                                    |                       |                                     |                |
|-----------------------------|---------------------------------------------|-----------------|----------------------------------------------------|---------|-----------------------------------|------------------------------------|-----------------------|-------------------------------------|----------------|
| UL or lot no.<br>O          | Section<br>18                               | Township<br>25S | Range<br>28E                                       | Lot Idn | Feet from the<br>201              | North/South line<br>S              | Feet from the<br>1367 | East/West line<br>E                 | County<br>EDDY |
| <sup>12</sup> Lse Code<br>S | <sup>13</sup> Producing Method<br>Code<br>P |                 | <sup>14</sup> Gas Connection<br>Date<br>08/02/2022 |         | <sup>15</sup> C-129 Permit Number | <sup>16</sup> C-129 Effective Date |                       | <sup>17</sup> C-129 Expiration Date |                |

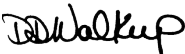
III. Oil and Gas Transporters

|                                    |                                                                             |                     |
|------------------------------------|-----------------------------------------------------------------------------|---------------------|
| <sup>18</sup> Transporter<br>OGRID | <sup>19</sup> Transporter Name<br>and Address                               | <sup>20</sup> O/G/W |
| 214984                             | Plains Marketing, L.P.<br>P.O. Box 4648<br>Houston, TX 77002                | O                   |
| 371183                             | ETC Texas Pipeline, ltd<br>8111 Westchester Dr. Ste 600<br>Dallas, Tx 75225 | G                   |
|                                    |                                                                             |                     |
|                                    |                                                                             |                     |
|                                    |                                                                             |                     |
|                                    |                                                                             |                     |

IV. Well Completion Data

|                                      |                                        |                                    |                             |                                          |                            |
|--------------------------------------|----------------------------------------|------------------------------------|-----------------------------|------------------------------------------|----------------------------|
| <sup>21</sup> Spud Date<br>9/24/2021 | <sup>22</sup> Ready Date<br>08/02/2022 | <sup>23</sup> TD<br>24818          | <sup>24</sup> PBTD<br>24620 | <sup>25</sup> Perforations<br>9559-24649 | <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 |
| 14.75                                |                                        | 10.75                              | 460                         |                                          | 475                        |
| 9.875/8.75                           |                                        | 7.675                              | 8632                        |                                          | 940                        |
| 6.75                                 |                                        | 5.5                                | 24808                       |                                          | 1645                       |
| tubing                               |                                        | 2.875                              | 9421                        |                                          |                            |

V. Well Test Data

|                                                                                                                                                                                                                                                                                                            |                                               |                                       |                                    |                                  |                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|---------------------------------------|------------------------------------|----------------------------------|--------------------------------------|
| <sup>31</sup> Date New Oil<br>08/02/2022                                                                                                                                                                                                                                                                   | <sup>32</sup> Gas Delivery Date<br>08/02/2022 | <sup>33</sup> Test Date<br>08/03/2021 | <sup>34</sup> Test Length<br>24hrs | <sup>35</sup> Tbg. Pressure<br>0 | <sup>36</sup> Csg. Pressure<br>1750  |
| <sup>37</sup> Choke Size<br>35/128                                                                                                                                                                                                                                                                         | <sup>38</sup> Oil<br>454                      | <sup>39</sup> Water<br>6329           | <sup>40</sup> Gas<br>1300          |                                  | <sup>41</sup> Test Method<br>Flowing |
| <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: Danielle D. Walkup                                                                                                                                                                                                                                                                           |                                               |                                       | Approved by:                       |                                  |                                      |
| Title: Regulatory Coordinator                                                                                                                                                                                                                                                                              |                                               |                                       | Title:                             |                                  |                                      |
| E-mail Address: d.d.walkup@conocophillips.com                                                                                                                                                                                                                                                              |                                               |                                       | Approval Date:                     |                                  |                                      |
| Date: 8/17/2022                                                                                                                                                                                                                                                                                            |                                               | Phone: 432-688-9053                   |                                    |                                  |                                      |

District I

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

District II

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

District III

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

District IV

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

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

Form C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

|                                     |                                             |                                                   |
|-------------------------------------|---------------------------------------------|---------------------------------------------------|
| 1 API Number<br><b>30-015-46956</b> | 2 Pool Code<br><b>98220</b>                 | 3 Pool Name<br><b>PURPLE SAGE; WOLFCAMP (GAS)</b> |
| 4 Property Code<br><b>327858</b>    | 5 Property Name<br><b>SCOUT STATE COM</b>   | 6 Well Number<br><b>602H</b>                      |
| 7 OGRID No.<br><b>229137</b>        | 8 Operator Name<br><b>COG OPERATING LLC</b> | 9 Elevation<br><b>3050'</b>                       |

<sup>10</sup> Surface Location

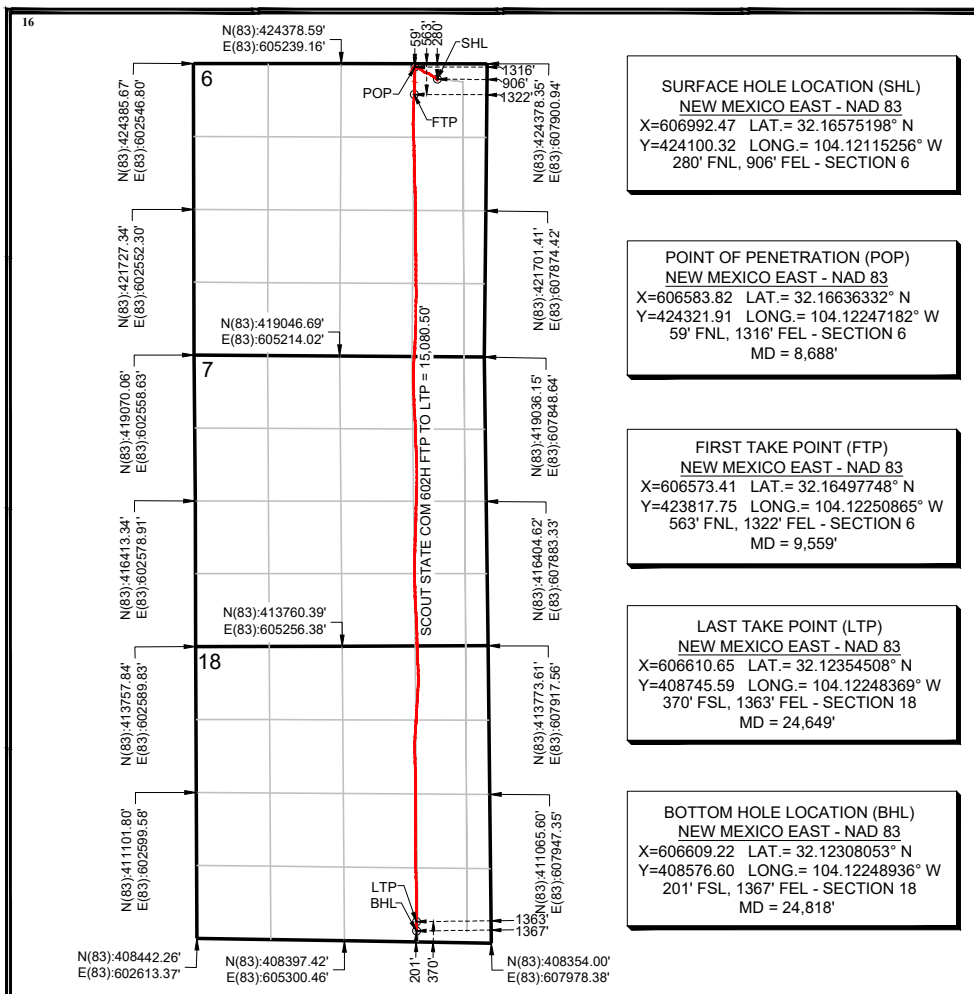
| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| LOT 1         | 6       | 25-S     | 28-E  |         | 280'          | NORTH            | 906'          | EAST           | EDDY   |

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

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| O             | 18      | 25-S     | 28-E  |         | 201'          | SOUTH            | 1367'         | EAST           | EDDY   |

|                                  |                    |                       |              |
|----------------------------------|--------------------|-----------------------|--------------|
| 12 Dedicated Acres<br><b>960</b> | 13 Joint or Infill | 14 Consolidation Code | 15 Order No. |
|----------------------------------|--------------------|-----------------------|--------------|

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



## 17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

*Danielle D Walkup*  
Signature

8/15/2022

Date

Danielle D Walkup

Printed Name

d.d.walkup@conocophillips.com

E-mail Address

## 18 SURVEYOR CERTIFICATION

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

06/03/2022  
Date of Survey

Signature and Seal of Professional Surveyor

Certificate Number



## **Conoco Phillips**

**Eddy County, NM (NAD83 NME)  
Scout State Com  
602H**

**OH / 68531**

**Survey: Phoenix MWD Surveys**

## **Standard Survey Report**

**17 December, 2021**





## Survey Report



|                  |                             |                                     |                                |
|------------------|-----------------------------|-------------------------------------|--------------------------------|
| <b>Company:</b>  | Conoco Phillips             | <b>Local Co-ordinate Reference:</b> | Well 602H                      |
| <b>Project:</b>  | Eddy County, NM (NAD83 NME) | <b>TVD Reference:</b>               | RKB @ 3075.00usft (Pioneer 84) |
| <b>Site:</b>     | Scout State Com             | <b>MD Reference:</b>                | RKB @ 3075.00usft (Pioneer 84) |
| <b>Well:</b>     | 602H                        | <b>North Reference:</b>             | Grid                           |
| <b>Wellbore:</b> | OH / 68531                  | <b>Survey Calculation Method:</b>   | Minimum Curvature              |
| <b>Design:</b>   | Surveys (Pioneer 84)        | <b>Database:</b>                    | USA Compass                    |

|                    |                             |                      |                |
|--------------------|-----------------------------|----------------------|----------------|
| <b>Project</b>     | Eddy County, NM (NAD83 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     |                      |                |

|                              |                 |                          |                     |
|------------------------------|-----------------|--------------------------|---------------------|
| <b>Site</b>                  | Scout State Com |                          |                     |
| <b>Site Position:</b>        |                 | <b>Northing:</b>         | 423,510.24 usft     |
| <b>From:</b>                 | Map             | <b>Easting:</b>          | 603,344.62 usft     |
| <b>Position Uncertainty:</b> | 0.00 usft       | <b>Slot Radius:</b>      | 13-3/16 "           |
|                              |                 | <b>Latitude:</b>         | 32° 9' 50.936853 N  |
|                              |                 | <b>Longitude:</b>        | 104° 7' 58.602047 W |
|                              |                 | <b>Grid Convergence:</b> | 0.11 °              |

|                             |              |                            |                                  |
|-----------------------------|--------------|----------------------------|----------------------------------|
| <b>Well</b>                 | 602H         |                            |                                  |
| <b>Well Position</b>        | <b>+N/-S</b> | 0.00 usft                  | <b>Northing:</b> 424,100.32 usft |
|                             | <b>+E/-W</b> | 0.00 usft                  | <b>Easting:</b> 606,992.47 usft  |
| <b>Position Uncertainty</b> | 1.00 usft    | <b>Wellhead Elevation:</b> | usft                             |
|                             |              | <b>Latitude:</b>           | 32° 9' 56.707149 N               |
|                             |              | <b>Longitude:</b>          | 104° 7' 16.149249 W              |
|                             |              | <b>Ground Level:</b>       | 3,050.00 usft                    |

|                  |                   |                    |                                            |
|------------------|-------------------|--------------------|--------------------------------------------|
| <b>Wellbore</b>  | OH / 68531        |                    |                                            |
| <b>Magnetics</b> | <b>Model Name</b> | <b>Sample Date</b> | <b>Declination (°)</b>                     |
|                  | MVHD              | 12/30/2021         | 6.81                                       |
|                  |                   |                    | <b>Dip Angle (°)</b> 59.81                 |
|                  |                   |                    | <b>Field Strength (nT)</b> 47,610.29196053 |

|                          |                                |                      |                             |
|--------------------------|--------------------------------|----------------------|-----------------------------|
| <b>Design</b>            | Surveys (Pioneer 84)           |                      |                             |
| <b>Audit Notes:</b>      |                                |                      |                             |
| <b>Version:</b>          | 1.0                            | <b>Phase:</b>        | ACTUAL                      |
|                          |                                | <b>Tie On Depth:</b> | 0.00                        |
| <b>Vertical Section:</b> | <b>Depth From (TVD) (usft)</b> | <b>+N/-S (usft)</b>  | <b>+E/-W (usft)</b>         |
|                          | 0.00                           | 0.00                 | 0.00                        |
|                          |                                |                      | <b>Direction (°)</b> 181.32 |

|                       |                  |                                  |                     |                                    |
|-----------------------|------------------|----------------------------------|---------------------|------------------------------------|
| <b>Survey Program</b> | <b>Date</b>      | 12/17/2021                       |                     |                                    |
| <b>From (usft)</b>    | <b>To (usft)</b> | <b>Survey (Wellbore)</b>         | <b>Tool Name</b>    | <b>Description</b>                 |
| 100.00                | 8,542.00         | SDI Gyro Surveys (OH / 68531)    | Standard Keeper 104 | Standard Wireline Keeper ver 1.0.4 |
| 8,576.00              | 24,818.00        | Phoenix MWD Surveys (OH / 68531) | MWD+IFR1+FDIR       | OWSG MWD + IFR1 + FDIR Correction  |

|                                 |                        |                    |                              |                     |                     |                                |                                |                               |                              |
|---------------------------------|------------------------|--------------------|------------------------------|---------------------|---------------------|--------------------------------|--------------------------------|-------------------------------|------------------------------|
| <b>Survey</b>                   |                        |                    |                              |                     |                     |                                |                                |                               |                              |
| <b>Measured Depth (usft)</b>    | <b>Inclination (°)</b> | <b>Azimuth (°)</b> | <b>Vertical Depth (usft)</b> | <b>+N/-S (usft)</b> | <b>+E/-W (usft)</b> | <b>Vertical Section (usft)</b> | <b>Dogleg Rate (°/100usft)</b> | <b>Build Rate (°/100usft)</b> | <b>Turn Rate (°/100usft)</b> |
| 8,542.00                        | 1.13                   | 250.98             | 8,512.20                     | 222.79              | -404.69             | -213.41                        | 0.00                           | 0.00                          | 0.00                         |
| <b>Tie In</b>                   |                        |                    |                              |                     |                     |                                |                                |                               |                              |
| 8,576.00                        | 1.52                   | 251.51             | 8,546.19                     | 222.54              | -405.44             | -213.14                        | 1.15                           | 1.15                          | 1.56                         |
| <b>First Phoenix MWD Survey</b> |                        |                    |                              |                     |                     |                                |                                |                               |                              |
| 8,688.00                        | 1.90                   | 254.95             | 8,658.14                     | 221.59              | -408.64             | -212.11                        | 0.35                           | 0.34                          | 3.07                         |
| 8,781.00                        | 5.63                   | 186.07             | 8,750.95                     | 216.65              | -410.61             | -207.13                        | 5.65                           | 4.01                          | -74.06                       |
| 8,828.00                        | 12.63                  | 187.41             | 8,797.33                     | 209.25              | -411.52             | -199.71                        | 14.90                          | 14.89                         | 2.85                         |
| 8,876.00                        | 19.31                  | 186.62             | 8,843.45                     | 196.15              | -413.11             | -186.58                        | 13.92                          | 13.92                         | -1.65                        |
| 8,923.00                        | 26.31                  | 184.30             | 8,886.75                     | 178.02              | -414.79             | -168.42                        | 15.01                          | 14.89                         | -4.94                        |



## Survey Report



|                  |                             |                                     |                                |
|------------------|-----------------------------|-------------------------------------|--------------------------------|
| <b>Company:</b>  | Conoco Phillips             | <b>Local Co-ordinate Reference:</b> | Well 602H                      |
| <b>Project:</b>  | Eddy County, NM (NAD83 NME) | <b>TVD Reference:</b>               | RKB @ 3075.00usft (Pioneer 84) |
| <b>Site:</b>     | Scout State Com             | <b>MD Reference:</b>                | RKB @ 3075.00usft (Pioneer 84) |
| <b>Well:</b>     | 602H                        | <b>North Reference:</b>             | Grid                           |
| <b>Wellbore:</b> | OH / 68531                  | <b>Survey Calculation Method:</b>   | Minimum Curvature              |
| <b>Design:</b>   | Surveys (Pioneer 84)        | <b>Database:</b>                    | USA Compass                    |

## Survey

| Measured Depth (usft)           | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
|---------------------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 8,971.00                        | 30.94           | 180.87      | 8,928.87              | 155.06       | -415.78      | -145.44                 | 10.23                   | 9.65                   | -7.15                 |
| 9,018.00                        | 32.87           | 178.74      | 8,968.77              | 130.22       | -415.68      | -120.61                 | 4.75                    | 4.11                   | -4.53                 |
| 9,066.00                        | 36.20           | 178.65      | 9,008.31              | 103.02       | -415.06      | -93.43                  | 6.94                    | 6.94                   | -0.19                 |
| 9,113.00                        | 39.75           | 180.29      | 9,045.35              | 74.11        | -414.81      | -64.54                  | 7.85                    | 7.55                   | 3.49                  |
| 9,161.00                        | 43.58           | 182.12      | 9,081.20              | 42.22        | -415.50      | -32.64                  | 8.37                    | 7.98                   | 3.81                  |
| 9,208.00                        | 46.68           | 180.87      | 9,114.36              | 8.93         | -416.36      | 0.67                    | 6.86                    | 6.60                   | -2.66                 |
| 9,255.00                        | 49.18           | 179.51      | 9,145.85              | -25.96       | -416.47      | 35.55                   | 5.74                    | 5.32                   | -2.89                 |
| 9,285.23                        | 50.97           | 179.39      | 9,165.25              | -49.14       | -416.24      | 58.72                   | 5.93                    | 5.92                   | -0.40                 |
| <b>FTP: 9285' MD, 9165' TVD</b> |                 |             |                       |              |              |                         |                         |                        |                       |
| 9,302.00                        | 51.96           | 179.32      | 9,175.70              | -62.26       | -416.10      | 71.83                   | 5.91                    | 5.90                   | -0.42                 |
| 9,350.00                        | 54.72           | 180.09      | 9,204.35              | -100.76      | -415.90      | 110.31                  | 5.89                    | 5.75                   | 1.60                  |
| 9,397.00                        | 56.49           | 179.19      | 9,230.90              | -139.54      | -415.65      | 149.08                  | 4.08                    | 3.77                   | -1.91                 |
| 9,444.00                        | 58.87           | 179.75      | 9,256.03              | -179.25      | -415.29      | 188.77                  | 5.16                    | 5.06                   | 1.19                  |
| 9,491.00                        | 62.42           | 182.05      | 9,279.07              | -220.20      | -415.95      | 229.72                  | 8.67                    | 7.55                   | 4.89                  |
| 9,539.00                        | 68.03           | 182.99      | 9,299.17              | -263.72      | -417.87      | 273.28                  | 11.82                   | 11.69                  | 1.96                  |
| 9,586.00                        | 73.48           | 184.20      | 9,314.66              | -307.99      | -420.66      | 317.60                  | 11.85                   | 11.60                  | 2.57                  |
| 9,634.00                        | 80.79           | 184.04      | 9,325.34              | -354.63      | -424.02      | 364.31                  | 15.23                   | 15.23                  | -0.33                 |
| 9,729.00                        | 88.45           | 181.89      | 9,334.24              | -449.01      | -428.90      | 458.77                  | 8.37                    | 8.06                   | -2.26                 |
| 9,824.00                        | 89.15           | 181.61      | 9,336.23              | -543.95      | -431.80      | 553.75                  | 0.79                    | 0.74                   | -0.29                 |
| 9,919.00                        | 92.03           | 183.13      | 9,335.25              | -638.85      | -435.72      | 648.72                  | 3.43                    | 3.03                   | 1.60                  |
| 10,014.00                       | 91.32           | 180.85      | 9,332.48              | -733.74      | -439.02      | 743.66                  | 2.51                    | -0.75                  | -2.40                 |
| 10,108.00                       | 92.38           | 180.45      | 9,329.44              | -827.69      | -440.09      | 837.60                  | 1.21                    | 1.13                   | -0.43                 |
| 10,203.00                       | 90.71           | 178.27      | 9,326.88              | -922.64      | -439.03      | 932.51                  | 2.89                    | -1.76                  | -2.29                 |
| 10,298.00                       | 90.61           | 177.57      | 9,325.79              | -1,017.57    | -435.58      | 1,027.33                | 0.74                    | -0.11                  | -0.74                 |
| 10,393.00                       | 90.52           | 177.30      | 9,324.85              | -1,112.47    | -431.33      | 1,122.11                | 0.30                    | -0.09                  | -0.28                 |
| 10,488.00                       | 90.95           | 177.03      | 9,323.63              | -1,207.34    | -426.63      | 1,216.85                | 0.53                    | 0.45                   | -0.28                 |
| 10,583.00                       | 89.53           | 179.33      | 9,323.23              | -1,302.29    | -423.61      | 1,311.70                | 2.85                    | -1.49                  | 2.42                  |
| 10,678.00                       | 89.47           | 179.17      | 9,324.06              | -1,397.27    | -422.37      | 1,406.63                | 0.18                    | -0.06                  | -0.17                 |
| 10,772.00                       | 89.61           | 178.77      | 9,324.82              | -1,491.26    | -420.68      | 1,500.55                | 0.45                    | 0.15                   | -0.43                 |
| 10,867.00                       | 90.77           | 179.15      | 9,324.50              | -1,586.24    | -418.95      | 1,595.47                | 1.28                    | 1.22                   | 0.40                  |
| 10,963.00                       | 91.96           | 178.95      | 9,322.22              | -1,682.19    | -417.36      | 1,691.36                | 1.26                    | 1.24                   | -0.21                 |
| 11,057.00                       | 91.60           | 178.45      | 9,319.30              | -1,776.12    | -415.23      | 1,785.22                | 0.66                    | -0.38                  | -0.53                 |
| 11,152.00                       | 90.32           | 177.64      | 9,317.70              | -1,871.05    | -411.99      | 1,880.05                | 1.59                    | -1.35                  | -0.85                 |
| 11,247.00                       | 91.07           | 177.48      | 9,316.55              | -1,965.96    | -407.95      | 1,974.84                | 0.81                    | 0.79                   | -0.17                 |
| 11,342.00                       | 93.57           | 178.51      | 9,312.71              | -2,060.81    | -404.62      | 2,069.59                | 2.85                    | 2.63                   | 1.08                  |
| 11,436.00                       | 88.83           | 178.83      | 9,310.74              | -2,154.74    | -402.44      | 2,163.44                | 5.05                    | -5.04                  | 0.34                  |
| 11,530.00                       | 88.41           | 178.98      | 9,313.00              | -2,248.70    | -400.65      | 2,257.33                | 0.47                    | -0.45                  | 0.16                  |
| 11,625.00                       | 89.13           | 178.95      | 9,315.04              | -2,343.66    | -398.93      | 2,352.23                | 0.76                    | 0.76                   | -0.03                 |
| 11,720.00                       | 88.92           | 179.12      | 9,316.66              | -2,438.63    | -397.33      | 2,447.14                | 0.28                    | -0.22                  | 0.18                  |
| 11,815.00                       | 88.92           | 179.84      | 9,318.45              | -2,533.61    | -396.47      | 2,542.07                | 0.76                    | 0.00                   | 0.76                  |
| 11,910.00                       | 93.26           | 183.30      | 9,316.64              | -2,628.52    | -399.07      | 2,637.02                | 5.84                    | 4.57                   | 3.64                  |
| 12,005.00                       | 86.90           | 178.97      | 9,316.51              | -2,723.43    | -400.95      | 2,731.94                | 8.10                    | -6.69                  | -4.56                 |
| 12,100.00                       | 87.36           | 179.10      | 9,321.26              | -2,818.30    | -399.35      | 2,826.75                | 0.50                    | 0.48                   | 0.14                  |
| 12,195.00                       | 88.21           | 179.48      | 9,324.94              | -2,913.22    | -398.18      | 2,921.62                | 0.98                    | 0.89                   | 0.40                  |



## Survey Report



|                  |                             |                                     |                                |
|------------------|-----------------------------|-------------------------------------|--------------------------------|
| <b>Company:</b>  | Conoco Phillips             | <b>Local Co-ordinate Reference:</b> | Well 602H                      |
| <b>Project:</b>  | Eddy County, NM (NAD83 NME) | <b>TVD Reference:</b>               | RKB @ 3075.00usft (Pioneer 84) |
| <b>Site:</b>     | Scout State Com             | <b>MD Reference:</b>                | RKB @ 3075.00usft (Pioneer 84) |
| <b>Well:</b>     | 602H                        | <b>North Reference:</b>             | Grid                           |
| <b>Wellbore:</b> | OH / 68531                  | <b>Survey Calculation Method:</b>   | Minimum Curvature              |
| <b>Design:</b>   | Surveys (Pioneer 84)        | <b>Database:</b>                    | USA Compass                    |

## Survey

| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 12,290.00             | 87.19           | 178.73      | 9,328.75              | -3,008.13    | -396.69      | 3,016.47                | 1.33                    | -1.07                  | -0.79                 |
| 12,382.00             | 90.17           | 178.76      | 9,330.87              | -3,100.07    | -394.68      | 3,108.34                | 3.24                    | 3.24                   | 0.03                  |
| 12,477.00             | 89.94           | 178.62      | 9,330.78              | -3,195.05    | -392.51      | 3,203.24                | 0.28                    | -0.24                  | -0.15                 |
| 12,572.00             | 89.31           | 178.61      | 9,331.40              | -3,290.02    | -390.21      | 3,298.13                | 0.66                    | -0.66                  | -0.01                 |
| 12,666.00             | 93.05           | 181.32      | 9,329.46              | -3,383.97    | -390.15      | 3,392.06                | 4.91                    | 3.98                   | 2.88                  |
| 12,760.00             | 92.58           | 180.67      | 9,324.85              | -3,477.84    | -391.78      | 3,485.95                | 0.85                    | -0.50                  | -0.69                 |
| 12,855.00             | 93.04           | 179.99      | 9,320.19              | -3,572.73    | -392.33      | 3,580.82                | 0.86                    | 0.48                   | -0.72                 |
| 12,949.00             | 91.65           | 178.39      | 9,316.34              | -3,666.63    | -391.00      | 3,674.67                | 2.25                    | -1.48                  | -1.70                 |
| 13,044.00             | 92.19           | 178.51      | 9,313.16              | -3,761.54    | -388.43      | 3,769.49                | 0.58                    | 0.57                   | 0.13                  |
| 13,140.00             | 91.43           | 178.40      | 9,310.13              | -3,857.46    | -385.85      | 3,865.33                | 0.80                    | -0.79                  | -0.11                 |
| 13,235.00             | 92.03           | 181.48      | 9,307.26              | -3,952.41    | -385.75      | 3,960.24                | 3.30                    | 0.63                   | 3.24                  |
| 13,330.00             | 91.93           | 181.04      | 9,303.98              | -4,047.33    | -387.83      | 4,055.19                | 0.47                    | -0.11                  | -0.46                 |
| 13,424.00             | 88.87           | 177.83      | 9,303.32              | -4,141.30    | -386.91      | 4,149.11                | 4.72                    | -3.26                  | -3.41                 |
| 13,519.00             | 92.69           | 181.94      | 9,302.03              | -4,236.25    | -386.71      | 4,244.03                | 5.91                    | 4.02                   | 4.33                  |
| 13,614.00             | 91.60           | 181.57      | 9,298.47              | -4,331.14    | -389.62      | 4,338.96                | 1.21                    | -1.15                  | -0.39                 |
| 13,708.00             | 91.92           | 181.48      | 9,295.58              | -4,425.06    | -392.12      | 4,432.92                | 0.35                    | 0.34                   | -0.10                 |
| 13,803.00             | 91.87           | 182.27      | 9,292.44              | -4,519.95    | -395.23      | 4,527.86                | 0.83                    | -0.05                  | 0.83                  |
| 13,898.00             | 93.11           | 183.00      | 9,288.32              | -4,614.76    | -399.59      | 4,622.74                | 1.51                    | 1.31                   | 0.77                  |
| 13,993.00             | 88.35           | 180.98      | 9,287.11              | -4,709.66    | -402.89      | 4,717.70                | 5.44                    | -5.01                  | -2.13                 |
| 14,086.00             | 90.61           | 181.76      | 9,287.95              | -4,802.63    | -405.11      | 4,810.69                | 2.57                    | 2.43                   | 0.84                  |
| 14,182.00             | 92.85           | 184.25      | 9,285.05              | -4,898.44    | -410.14      | 4,906.59                | 3.49                    | 2.33                   | 2.59                  |
| 14,277.00             | 90.63           | 184.01      | 9,282.17              | -4,993.14    | -416.98      | 5,001.42                | 2.35                    | -2.34                  | -0.25                 |
| 14,372.00             | 90.76           | 183.61      | 9,281.01              | -5,087.92    | -423.29      | 5,096.33                | 0.44                    | 0.14                   | -0.42                 |
| 14,465.00             | 91.22           | 183.52      | 9,279.41              | -5,180.73    | -429.07      | 5,189.24                | 0.50                    | 0.49                   | -0.10                 |
| 14,561.00             | 87.11           | 182.33      | 9,280.81              | -5,276.57    | -433.97      | 5,285.17                | 4.46                    | -4.28                  | -1.24                 |
| 14,655.00             | 89.00           | 180.20      | 9,284.00              | -5,370.49    | -436.04      | 5,379.11                | 3.03                    | 2.01                   | -2.27                 |
| 14,750.00             | 92.55           | 179.64      | 9,282.71              | -5,465.46    | -435.91      | 5,474.05                | 3.78                    | 3.74                   | -0.59                 |
| 14,844.00             | 92.43           | 179.07      | 9,278.63              | -5,559.37    | -434.85      | 5,567.91                | 0.62                    | -0.13                  | -0.61                 |
| 14,938.00             | 89.99           | 178.29      | 9,276.64              | -5,653.31    | -432.69      | 5,661.78                | 2.73                    | -2.60                  | -0.83                 |
| 15,033.00             | 89.78           | 178.03      | 9,276.83              | -5,748.26    | -429.64      | 5,756.64                | 0.35                    | -0.22                  | -0.27                 |
| 15,127.00             | 91.29           | 178.52      | 9,275.96              | -5,842.21    | -426.81      | 5,850.50                | 1.69                    | 1.61                   | 0.52                  |
| 15,221.00             | 90.11           | 177.80      | 9,274.81              | -5,936.16    | -423.79      | 5,944.34                | 1.47                    | -1.26                  | -0.77                 |
| 15,316.00             | 91.75           | 177.32      | 9,273.27              | -6,031.05    | -419.75      | 6,039.12                | 1.80                    | 1.73                   | -0.51                 |
| 15,411.00             | 89.80           | 176.15      | 9,271.98              | -6,125.89    | -414.34      | 6,133.80                | 2.39                    | -2.05                  | -1.23                 |
| 15,505.00             | 90.06           | 175.82      | 9,272.10              | -6,219.65    | -407.76      | 6,227.40                | 0.45                    | 0.28                   | -0.35                 |
| 15,599.00             | 91.16           | 178.60      | 9,271.09              | -6,313.53    | -403.18      | 6,321.14                | 3.18                    | 1.17                   | 2.96                  |
| 15,694.00             | 90.73           | 179.11      | 9,269.53              | -6,408.49    | -401.28      | 6,416.04                | 0.70                    | -0.45                  | 0.54                  |
| 15,789.00             | 88.68           | 177.23      | 9,270.02              | -6,503.44    | -398.25      | 6,510.88                | 2.93                    | -2.16                  | -1.98                 |
| 15,884.00             | 90.50           | 177.98      | 9,270.70              | -6,598.35    | -394.28      | 6,605.68                | 2.07                    | 1.92                   | 0.79                  |
| 15,979.00             | 90.21           | 177.79      | 9,270.11              | -6,693.28    | -390.77      | 6,700.50                | 0.36                    | -0.31                  | -0.20                 |
| 16,073.00             | 89.18           | 176.77      | 9,270.61              | -6,787.17    | -386.31      | 6,794.27                | 1.54                    | -1.10                  | -1.09                 |
| 16,168.00             | 89.15           | 176.20      | 9,271.99              | -6,881.98    | -380.49      | 6,888.92                | 0.60                    | -0.03                  | -0.60                 |
| 16,263.00             | 90.51           | 177.26      | 9,272.27              | -6,976.82    | -375.07      | 6,983.61                | 1.82                    | 1.43                   | 1.12                  |



## Survey Report



|                  |                             |                                     |                                |
|------------------|-----------------------------|-------------------------------------|--------------------------------|
| <b>Company:</b>  | Conoco Phillips             | <b>Local Co-ordinate Reference:</b> | Well 602H                      |
| <b>Project:</b>  | Eddy County, NM (NAD83 NME) | <b>TVD Reference:</b>               | RKB @ 3075.00usft (Pioneer 84) |
| <b>Site:</b>     | Scout State Com             | <b>MD Reference:</b>                | RKB @ 3075.00usft (Pioneer 84) |
| <b>Well:</b>     | 602H                        | <b>North Reference:</b>             | Grid                           |
| <b>Wellbore:</b> | OH / 68531                  | <b>Survey Calculation Method:</b>   | Minimum Curvature              |
| <b>Design:</b>   | Surveys (Pioneer 84)        | <b>Database:</b>                    | USA Compass                    |

## Survey

| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 16,357.00             | 89.94           | 178.94      | 9,271.91              | -7,070.76    | -371.95      | 7,077.46                | 1.89                    | -0.61                  | 1.79                  |
| 16,451.00             | 91.23           | 180.41      | 9,270.95              | -7,164.75    | -371.42      | 7,171.41                | 2.08                    | 1.37                   | 1.56                  |
| 16,546.00             | 88.68           | 179.84      | 9,271.02              | -7,259.75    | -371.63      | 7,266.38                | 2.75                    | -2.68                  | -0.60                 |
| 16,642.00             | 90.77           | 181.53      | 9,271.48              | -7,355.73    | -372.78      | 7,362.36                | 2.80                    | 2.18                   | 1.76                  |
| 16,736.00             | 91.51           | 181.84      | 9,269.61              | -7,449.67    | -375.54      | 7,456.34                | 0.85                    | 0.79                   | 0.33                  |
| 16,832.00             | 88.49           | 180.32      | 9,269.61              | -7,545.64    | -377.35      | 7,552.33                | 3.52                    | -3.15                  | -1.58                 |
| 16,927.00             | 92.40           | 182.35      | 9,268.87              | -7,640.59    | -379.56      | 7,647.30                | 4.64                    | 4.12                   | 2.14                  |
| 17,021.00             | 92.62           | 182.81      | 9,264.76              | -7,734.40    | -383.79      | 7,741.19                | 0.54                    | 0.23                   | 0.49                  |
| 17,116.00             | 92.28           | 182.41      | 9,260.70              | -7,829.21    | -388.11      | 7,836.08                | 0.55                    | -0.36                  | -0.42                 |
| 17,211.00             | 89.04           | 180.98      | 9,259.60              | -7,924.15    | -390.92      | 7,931.05                | 3.73                    | -3.41                  | -1.51                 |
| 17,306.00             | 90.35           | 181.90      | 9,260.11              | -8,019.12    | -393.31      | 8,026.05                | 1.69                    | 1.38                   | 0.97                  |
| 17,400.00             | 91.83           | 182.17      | 9,258.32              | -8,113.04    | -396.64      | 8,120.02                | 1.60                    | 1.57                   | 0.29                  |
| 17,495.00             | 88.93           | 180.49      | 9,257.69              | -8,208.00    | -398.85      | 8,215.01                | 3.53                    | -3.05                  | -1.77                 |
| 17,590.00             | 92.96           | 182.43      | 9,256.12              | -8,302.93    | -401.27      | 8,309.97                | 4.71                    | 4.24                   | 2.04                  |
| 17,685.00             | 92.54           | 182.04      | 9,251.56              | -8,397.75    | -404.97      | 8,404.85                | 0.60                    | -0.44                  | -0.41                 |
| 17,780.00             | 91.13           | 181.62      | 9,248.52              | -8,492.65    | -408.00      | 8,499.79                | 1.55                    | -1.48                  | -0.44                 |
| 17,874.00             | 90.59           | 181.34      | 9,247.11              | -8,586.60    | -410.43      | 8,593.78                | 0.65                    | -0.57                  | -0.30                 |
| 17,969.00             | 87.79           | 180.89      | 9,248.45              | -8,681.57    | -412.27      | 8,688.76                | 2.99                    | -2.95                  | -0.47                 |
| 18,064.00             | 86.27           | 180.10      | 9,253.38              | -8,776.43    | -413.09      | 8,783.62                | 1.80                    | -1.60                  | -0.83                 |
| 18,159.00             | 87.08           | 180.56      | 9,258.89              | -8,871.27    | -413.64      | 8,878.44                | 0.98                    | 0.85                   | 0.48                  |
| 18,254.00             | 87.01           | 180.60      | 9,263.78              | -8,966.14    | -414.60      | 8,973.31                | 0.08                    | -0.07                  | 0.04                  |
| 18,348.00             | 89.43           | 179.01      | 9,266.70              | -9,060.08    | -414.28      | 9,067.22                | 3.08                    | 2.57                   | -1.69                 |
| 18,443.00             | 88.56           | 178.74      | 9,268.37              | -9,155.05    | -412.42      | 9,162.12                | 0.96                    | -0.92                  | -0.28                 |
| 18,538.00             | 91.26           | 178.81      | 9,268.52              | -9,250.02    | -410.39      | 9,257.02                | 2.84                    | 2.84                   | 0.07                  |
| 18,632.00             | 92.65           | 177.97      | 9,265.31              | -9,343.92    | -407.75      | 9,350.84                | 1.73                    | 1.48                   | -0.89                 |
| 18,727.00             | 93.16           | 178.19      | 9,260.50              | -9,438.75    | -404.57      | 9,445.56                | 0.58                    | 0.54                   | 0.23                  |
| 18,821.00             | 89.12           | 177.31      | 9,258.63              | -9,532.64    | -400.88      | 9,539.34                | 4.40                    | -4.30                  | -0.94                 |
| 18,916.00             | 89.91           | 176.81      | 9,259.43              | -9,627.51    | -396.01      | 9,634.07                | 0.98                    | 0.83                   | -0.53                 |
| 19,010.00             | 91.49           | 177.00      | 9,258.28              | -9,721.36    | -390.93      | 9,727.79                | 1.69                    | 1.68                   | 0.20                  |
| 19,104.00             | 91.51           | 176.86      | 9,255.82              | -9,815.19    | -385.90      | 9,821.48                | 0.15                    | 0.02                   | -0.15                 |
| 19,199.00             | 92.10           | 177.52      | 9,252.83              | -9,910.03    | -381.24      | 9,916.18                | 0.93                    | 0.62                   | 0.69                  |
| 19,294.00             | 92.87           | 178.23      | 9,248.71              | -10,004.87   | -377.72      | 10,010.92               | 1.10                    | 0.81                   | 0.75                  |
| 19,389.00             | 93.34           | 178.46      | 9,243.57              | -10,099.70   | -374.98      | 10,105.65               | 0.55                    | 0.49                   | 0.24                  |
| 19,483.00             | 92.49           | 178.48      | 9,238.79              | -10,193.54   | -372.48      | 10,199.41               | 0.90                    | -0.90                  | 0.02                  |
| 19,578.00             | 90.60           | 177.95      | 9,236.22              | -10,288.45   | -369.52      | 10,294.24               | 2.07                    | -1.99                  | -0.56                 |
| 19,673.00             | 92.09           | 178.41      | 9,233.99              | -10,383.38   | -366.50      | 10,389.06               | 1.64                    | 1.57                   | 0.48                  |
| 19,768.00             | 89.48           | 177.54      | 9,232.69              | -10,478.30   | -363.15      | 10,483.88               | 2.90                    | -2.75                  | -0.92                 |
| 19,862.00             | 89.47           | 176.88      | 9,233.55              | -10,572.18   | -358.57      | 10,577.64               | 0.70                    | -0.01                  | -0.70                 |
| 19,957.00             | 90.43           | 177.18      | 9,233.64              | -10,667.05   | -353.65      | 10,672.37               | 1.06                    | 1.01                   | 0.32                  |
| 20,051.00             | 91.09           | 177.91      | 9,232.39              | -10,760.96   | -349.62      | 10,766.16               | 1.05                    | 0.70                   | 0.78                  |
| 20,147.00             | 91.95           | 179.29      | 9,229.84              | -10,856.89   | -347.28      | 10,862.01               | 1.69                    | 0.90                   | 1.44                  |
| 20,242.00             | 92.43           | 179.11      | 9,226.21              | -10,951.81   | -345.95      | 10,956.88               | 0.54                    | 0.51                   | -0.19                 |
| 20,337.00             | 89.05           | 183.60      | 9,224.99              | -11,046.74   | -348.20      | 11,051.83               | 5.91                    | -3.56                  | 4.73                  |



## Survey Report



|                  |                             |                                     |                                |
|------------------|-----------------------------|-------------------------------------|--------------------------------|
| <b>Company:</b>  | Conoco Phillips             | <b>Local Co-ordinate Reference:</b> | Well 602H                      |
| <b>Project:</b>  | Eddy County, NM (NAD83 NME) | <b>TVD Reference:</b>               | RKB @ 3075.00usft (Pioneer 84) |
| <b>Site:</b>     | Scout State Com             | <b>MD Reference:</b>                | RKB @ 3075.00usft (Pioneer 84) |
| <b>Well:</b>     | 602H                        | <b>North Reference:</b>             | Grid                           |
| <b>Wellbore:</b> | OH / 68531                  | <b>Survey Calculation Method:</b>   | Minimum Curvature              |
| <b>Design:</b>   | Surveys (Pioneer 84)        | <b>Database:</b>                    | USA Compass                    |

| Survey                |                 |             |                       |              |              |                         |                         |                        |                       |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 20,432.00             | 89.55           | 183.20      | 9,226.15              | -11,141.57   | -353.83      | 11,146.76               | 0.67                    | 0.53                   | -0.42                 |
| 20,527.00             | 89.74           | 183.19      | 9,226.74              | -11,236.42   | -359.13      | 11,241.71               | 0.20                    | 0.20                   | -0.01                 |
| 20,622.00             | 90.34           | 183.30      | 9,226.67              | -11,331.26   | -364.51      | 11,336.65               | 0.64                    | 0.63                   | 0.12                  |
| 20,716.00             | 91.33           | 183.61      | 9,225.30              | -11,425.08   | -370.17      | 11,430.58               | 1.10                    | 1.05                   | 0.33                  |
| 20,811.00             | 90.93           | 183.46      | 9,223.43              | -11,519.88   | -376.03      | 11,525.49               | 0.45                    | -0.42                  | -0.16                 |
| 20,906.00             | 88.85           | 183.59      | 9,223.61              | -11,614.70   | -381.87      | 11,620.41               | 2.19                    | -2.19                  | 0.14                  |
| 21,000.00             | 89.24           | 183.38      | 9,225.18              | -11,708.51   | -387.58      | 11,714.33               | 0.47                    | 0.41                   | -0.22                 |
| 21,096.00             | 89.86           | 183.64      | 9,225.93              | -11,804.33   | -393.46      | 11,810.26               | 0.70                    | 0.65                   | 0.27                  |
| 21,191.00             | 92.46           | 184.05      | 9,224.01              | -11,899.09   | -399.83      | 11,905.14               | 2.77                    | 2.74                   | 0.43                  |
| 21,286.00             | 93.09           | 184.30      | 9,219.41              | -11,993.72   | -406.73      | 11,999.91               | 0.71                    | 0.66                   | 0.26                  |
| 21,381.00             | 90.54           | 181.60      | 9,216.40              | -12,088.53   | -411.62      | 12,094.81               | 3.91                    | -2.68                  | -2.84                 |
| 21,476.00             | 89.11           | 179.76      | 9,216.69              | -12,183.52   | -412.75      | 12,189.79               | 2.45                    | -1.51                  | -1.94                 |
| 21,570.00             | 88.82           | 178.13      | 9,218.39              | -12,277.48   | -411.02      | 12,283.69               | 1.76                    | -0.31                  | -1.73                 |
| 21,664.00             | 88.70           | 178.31      | 9,220.42              | -12,371.42   | -408.10      | 12,377.53               | 0.23                    | -0.13                  | 0.19                  |
| 21,759.00             | 88.91           | 178.26      | 9,222.40              | -12,466.35   | -405.25      | 12,472.38               | 0.23                    | 0.22                   | -0.05                 |
| 21,854.00             | 89.02           | 178.06      | 9,224.12              | -12,561.29   | -402.20      | 12,567.22               | 0.24                    | 0.12                   | -0.21                 |
| 21,948.00             | 90.28           | 178.59      | 9,224.69              | -12,655.24   | -399.46      | 12,661.09               | 1.45                    | 1.34                   | 0.56                  |
| 22,043.00             | 91.47           | 179.04      | 9,223.24              | -12,750.21   | -397.49      | 12,755.98               | 1.34                    | 1.25                   | 0.47                  |
| 22,137.00             | 92.24           | 179.36      | 9,220.20              | -12,844.15   | -396.18      | 12,849.87               | 0.89                    | 0.82                   | 0.34                  |
| 22,232.00             | 91.25           | 180.15      | 9,217.30              | -12,939.11   | -395.77      | 12,944.79               | 1.33                    | -1.04                  | 0.83                  |
| 22,327.00             | 91.60           | 180.54      | 9,214.94              | -13,034.07   | -396.35      | 13,039.75               | 0.55                    | 0.37                   | 0.41                  |
| 22,421.00             | 92.16           | 180.15      | 9,211.86              | -13,128.02   | -396.91      | 13,133.68               | 0.73                    | 0.60                   | -0.41                 |
| 22,516.00             | 92.58           | 180.19      | 9,207.93              | -13,222.94   | -397.19      | 13,228.58               | 0.44                    | 0.44                   | 0.04                  |
| 22,610.00             | 92.56           | 179.99      | 9,203.72              | -13,316.84   | -397.34      | 13,322.46               | 0.21                    | -0.02                  | -0.21                 |
| 22,706.00             | 90.70           | 179.94      | 9,200.98              | -13,412.80   | -397.28      | 13,418.39               | 1.94                    | -1.94                  | -0.05                 |
| 22,800.00             | 90.34           | 179.93      | 9,200.13              | -13,506.80   | -397.18      | 13,512.36               | 0.38                    | -0.38                  | -0.01                 |
| 22,896.00             | 90.07           | 179.94      | 9,199.79              | -13,602.80   | -397.07      | 13,608.33               | 0.28                    | -0.28                  | 0.01                  |
| 22,990.00             | 90.66           | 179.98      | 9,199.19              | -13,696.79   | -397.00      | 13,702.30               | 0.63                    | 0.63                   | 0.04                  |
| 23,085.00             | 91.96           | 180.58      | 9,197.02              | -13,791.77   | -397.46      | 13,797.26               | 1.51                    | 1.37                   | 0.63                  |
| 23,179.00             | 92.66           | 181.05      | 9,193.23              | -13,885.68   | -398.80      | 13,891.18               | 0.90                    | 0.74                   | 0.50                  |
| 23,274.00             | 93.25           | 181.30      | 9,188.33              | -13,980.53   | -400.75      | 13,986.05               | 0.67                    | 0.62                   | 0.26                  |
| 23,369.00             | 90.96           | 178.89      | 9,184.84              | -14,075.45   | -400.90      | 14,080.95               | 3.50                    | -2.41                  | -2.54                 |
| 23,463.00             | 88.18           | 178.34      | 9,185.55              | -14,169.41   | -398.63      | 14,174.84               | 3.01                    | -2.96                  | -0.59                 |
| 23,558.00             | 89.41           | 178.65      | 9,187.54              | -14,264.36   | -396.14      | 14,269.70               | 1.34                    | 1.29                   | 0.33                  |
| 23,653.00             | 89.18           | 178.64      | 9,188.71              | -14,359.33   | -393.89      | 14,364.59               | 0.24                    | -0.24                  | -0.01                 |
| 23,747.00             | 88.87           | 178.47      | 9,190.31              | -14,453.28   | -391.52      | 14,458.47               | 0.38                    | -0.33                  | -0.18                 |
| 23,842.00             | 89.16           | 178.14      | 9,191.95              | -14,548.23   | -388.71      | 14,553.32               | 0.46                    | 0.31                   | -0.35                 |
| 23,937.00             | 89.84           | 178.49      | 9,192.78              | -14,643.18   | -385.92      | 14,648.18               | 0.81                    | 0.72                   | 0.37                  |
| 24,031.00             | 89.66           | 177.73      | 9,193.19              | -14,737.13   | -382.82      | 14,742.04               | 0.83                    | -0.19                  | -0.81                 |
| 24,125.00             | 92.01           | 179.55      | 9,191.82              | -14,831.08   | -380.59      | 14,835.91               | 3.16                    | 2.50                   | 1.94                  |
| 24,220.00             | 92.96           | 180.14      | 9,187.70              | -14,925.99   | -380.33      | 14,930.79               | 1.18                    | 1.00                   | 0.62                  |
| 24,313.00             | 93.31           | 180.05      | 9,182.61              | -15,018.85   | -380.48      | 15,023.63               | 0.39                    | 0.38                   | -0.10                 |
| 24,407.00             | 93.84           | 179.73      | 9,176.75              | -15,112.67   | -380.30      | 15,117.42               | 0.66                    | 0.56                   | -0.34                 |
| 24,501.00             | 93.87           | 180.64      | 9,170.43              | -15,206.45   | -380.61      | 15,211.18               | 0.97                    | 0.03                   | 0.97                  |



## Survey Report



|                  |                             |                                     |                                |
|------------------|-----------------------------|-------------------------------------|--------------------------------|
| <b>Company:</b>  | Conoco Phillips             | <b>Local Co-ordinate Reference:</b> | Well 602H                      |
| <b>Project:</b>  | Eddy County, NM (NAD83 NME) | <b>TVD Reference:</b>               | RKB @ 3075.00usft (Pioneer 84) |
| <b>Site:</b>     | Scout State Com             | <b>MD Reference:</b>                | RKB @ 3075.00usft (Pioneer 84) |
| <b>Well:</b>     | 602H                        | <b>North Reference:</b>             | Grid                           |
| <b>Wellbore:</b> | OH / 68531                  | <b>Survey Calculation Method:</b>   | Minimum Curvature              |
| <b>Design:</b>   | Surveys (Pioneer 84)        | <b>Database:</b>                    | USA Compass                    |

| Survey                           |                 |             |                       |              |              |                         |                         |                        |                       |
|----------------------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft)            | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 24,596.00                        | 89.56           | 180.44      | 9,167.59              | -15,301.38   | -381.50      | 15,306.11               | 4.54                    | -4.54                  | -0.21                 |
| 24,688.41                        | 89.58           | 180.43      | 9,168.28              | -15,393.79   | -382.20      | 15,398.51               | 0.02                    | 0.02                   | -0.01                 |
| <b>LTP: 24688' MD, 9168' TVD</b> |                 |             |                       |              |              |                         |                         |                        |                       |
| 24,690.00                        | 89.58           | 180.43      | 9,168.29              | -15,395.38   | -382.21      | 15,400.10               | 0.00                    | 0.00                   | 0.00                  |
| 24,761.00                        | 89.76           | 180.53      | 9,168.70              | -15,466.37   | -382.81      | 15,471.09               | 0.29                    | 0.25                   | 0.14                  |
| <b>Final Phoenix MWD Survey</b>  |                 |             |                       |              |              |                         |                         |                        |                       |
| 24,818.00                        | 89.76           | 180.53      | 9,168.94              | -15,523.37   | -383.34      | 15,528.08               | 0.00                    | 0.00                   | 0.00                  |
| <b>Projection to TD</b>          |                 |             |                       |              |              |                         |                         |                        |                       |

| Survey Annotations    |                       |                   |              |                           |  |
|-----------------------|-----------------------|-------------------|--------------|---------------------------|--|
| Measured Depth (usft) | Vertical Depth (usft) | Local Coordinates |              |                           |  |
|                       |                       | +N/-S (usft)      | +E/-W (usft) | Comment                   |  |
| 8,542.00              | 8,512.20              | 222.79            | -404.69      | Tie In                    |  |
| 8,576.00              | 8,546.19              | 222.54            | -405.44      | First Phoenix MWD Survey  |  |
| 9,285.23              | 9,165.25              | -49.14            | -416.24      | FTP: 9285' MD, 9165' TVD  |  |
| 24,688.41             | 9,168.28              | -15,393.79        | -382.20      | LTP: 24688' MD, 9168' TVD |  |
| 24,761.00             | 9,168.70              | -15,466.37        | -382.81      | Final Phoenix MWD Survey  |  |
| 24,818.00             | 9,168.94              | -15,523.37        | -383.34      | Projection to TD          |  |

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 July 18, 2013

|                                                                                                                                                                                                                                                                                                                 |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| WELL API NO.<br>30-015-46956                                                                                                                                                                                                                                                                                    |  |
| 5. Indicate Type of Lease<br>STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>                                                                                                                                                                                                             |  |
| 6. State Oil & Gas Lease No.                                                                                                                                                                                                                                                                                    |  |
| 7. Lease Name or Unit Agreement Name<br>Scout State Com                                                                                                                                                                                                                                                         |  |
| 8. Well Number<br>602                                                                                                                                                                                                                                                                                           |  |
| 9. OGRID Number<br>229137                                                                                                                                                                                                                                                                                       |  |
| 10. Pool name or Wildcat<br>Purple Sage; Wolfcamp (Gas)                                                                                                                                                                                                                                                         |  |
| SUNDRY NOTICES AND REPORTS ON WELLS<br>(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)<br>1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other |  |
| 2. Name of Operator<br>COG Operating LLC                                                                                                                                                                                                                                                                        |  |
| 3. Address of Operator<br>300 W. Illinois Ave Midland, TX 79701                                                                                                                                                                                                                                                 |  |
| 4. Well Location<br>Unit Letter <u>A</u> : <u>280</u> feet from the <u>North</u> line and <u>906</u> feet from the <u>East</u> line<br>Section <u>06</u> Township <u>25S</u> Range <u>28E</u> NMPM Lea County                                                                                                   |  |
| 11. Elevation (Show whether DR, RKB, RT, GR, etc.)<br>3050' GR                                                                                                                                                                                                                                                  |  |

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
 TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
 PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐  
 DOWNHOLE COMMINGLE ☐  
 CLOSED-LOOP SYSTEM ☐  
 OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
 COMMENCE DRILLING OPNS. ☐ P AND A ☐  
 CASING/CEMENT JOB ☐  
 OTHER: Hydraulic Frac Sundry ☒

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.

3/4/2022 Test 9 5/8" x 5 1/2" annulus to 1500#

3/6/2022 Set CBD @ 24,663' and test csg to 11,626psi. Good Test.

3/25/2022 – 4/11/2022 Perf 9,559 – 24,649' (2100 shots) Frac w/ 36,817,980# proppant & 729,250BBLs clean fluid.

5/25/2022 – 5/29/2022 Drilled out CPFs. Clean down to PBTD @ 24,620'.

6/7/2022 - Set 2 7/8 6.5# L-80tbg @ 9,421'. Packer @ 9,420. Installed gas lift system.

Spud Date: 9/24/2021

Rig Release Date: 12/18/2021

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

SIGNATURE: Danielle D Walkup TITLE: Regulatory Coordinator DATE: 6/20/2022

Type or print name: Danielle D Walkup E-mail address: d.d.walkup@conocophillips.com PHONE: (432) 688-9053

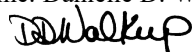
**For State Use Only**

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

|                                                                                                                                                                                                                                                                                                                                                                                           |                                     |                                                                                                                                                                                       |                                       |                   |                                                     |                                                         |                         |                                                         |          |               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-------------------|-----------------------------------------------------|---------------------------------------------------------|-------------------------|---------------------------------------------------------|----------|---------------|
| 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 April 3, 2017          |                                                         |                         |                                                         |          |               |
| <b>WELL COMPLETION OR RECOMPLETION REPORT AND LOG</b>                                                                                                                                                                                                                                                                                                                                     |                                     |                                                                                                                                                                                       |                                       |                   |                                                     |                                                         |                         | 1. WELL API NO.<br>30-015-46956                         |          |               |
| 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>SCOUT STATE COM |          |               |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                     |                                                                                                                                                                                       |                                       |                   |                                                     |                                                         |                         | 6. Well Number:<br>602H                                 |          |               |
| 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>COG Operating                                                                                                                                                                                                                                                                                                                                                      |                                     |                                                                                                                                                                                       |                                       |                   |                                                     | 9. OGRID<br>229137                                      |                         |                                                         |          |               |
| 10. Address of Operator<br>600 W. Illinois Ave<br>Midland, TX 79701                                                                                                                                                                                                                                                                                                                       |                                     |                                                                                                                                                                                       |                                       |                   |                                                     | 11. Pool name or Wildcat<br>PURPLE SAGE; WOLFCAMP (GAS) |                         |                                                         |          |               |
| 12. Location                                                                                                                                                                                                                                                                                                                                                                              | Unit Ltr                            | Section                                                                                                                                                                               | Township                              | Range             | Lot                                                 | Feet from the                                           | N/S Line                | Feet from the                                           | E/W Line | County        |
| Surface:                                                                                                                                                                                                                                                                                                                                                                                  | A                                   | 6                                                                                                                                                                                     | 25S                                   | 28E               | 1                                                   | 280                                                     | N                       | 906                                                     | E        | EDDY          |
| BH:                                                                                                                                                                                                                                                                                                                                                                                       | O                                   | 18                                                                                                                                                                                    | 25S                                   | 28E               |                                                     | 201                                                     | S                       | 1367                                                    | E        | EDDY          |
| 13. Date Spudded<br>9/24/2021                                                                                                                                                                                                                                                                                                                                                             | 14. Date T.D. Reached<br>12/16/2021 |                                                                                                                                                                                       | 15. Date Rig Released<br>12/18/2021   |                   | 16. Date Completed (Ready to Produce)<br>08/02/2022 |                                                         |                         | 17. Elevations (DF and RKB, RT, GR, etc.) 3050          |          |               |
| 18. Total Measured Depth of Well<br>24818                                                                                                                                                                                                                                                                                                                                                 |                                     |                                                                                                                                                                                       | 19. Plug Back Measured Depth<br>24620 |                   | 20. Was Directional Survey Made?<br>Y               |                                                         |                         | 21. Type Electric and Other Logs Run<br>CNL             |          |               |
| 22. Producing Interval(s), of this completion - Top, Bottom, Name<br>WOLFCAMP                                                                                                                                                                                                                                                                                                             |                                     |                                                                                                                                                                                       |                                       |                   |                                                     |                                                         |                         |                                                         |          |               |
| <b>23. CASING RECORD (Report all strings set in well)</b>                                                                                                                                                                                                                                                                                                                                 |                                     |                                                                                                                                                                                       |                                       |                   |                                                     |                                                         |                         |                                                         |          |               |
| CASING SIZE                                                                                                                                                                                                                                                                                                                                                                               |                                     | WEIGHT LB./FT.                                                                                                                                                                        |                                       | DEPTH SET         |                                                     | HOLE SIZE                                               |                         | CEMENTING RECORD                                        |          | AMOUNT PULLED |
| 10.75                                                                                                                                                                                                                                                                                                                                                                                     |                                     | 45.50                                                                                                                                                                                 |                                       | 460               |                                                     | 14.75                                                   |                         | 475 SKS                                                 |          |               |
| 7.675                                                                                                                                                                                                                                                                                                                                                                                     |                                     | 29.70                                                                                                                                                                                 |                                       | 8632              |                                                     | 9.875/8.75                                              |                         | 940 SKS                                                 |          |               |
| 5.5                                                                                                                                                                                                                                                                                                                                                                                       |                                     | 23.0                                                                                                                                                                                  |                                       | 24808             |                                                     | 6.75                                                    |                         | 1645 SKS                                                |          |               |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                     |                                                                                                                                                                                       |                                       |                   |                                                     |                                                         |                         |                                                         |          |               |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                     |                                                                                                                                                                                       |                                       |                   |                                                     |                                                         |                         |                                                         |          |               |
| <b>24. LINER RECORD</b>                                                                                                                                                                                                                                                                                                                                                                   |                                     |                                                                                                                                                                                       |                                       |                   |                                                     |                                                         |                         |                                                         |          |               |
| SIZE                                                                                                                                                                                                                                                                                                                                                                                      | TOP                                 | BOTTOM                                                                                                                                                                                | SACKS CEMENT                          | SCREEN            |                                                     | 25. TUBING RECORD                                       |                         |                                                         |          |               |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                     |                                                                                                                                                                                       |                                       |                   |                                                     | SIZE                                                    | DEPTH SET               | PACKER SET                                              |          |               |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                     |                                                                                                                                                                                       |                                       |                   |                                                     | 2.875                                                   | 9421                    | 9420                                                    |          |               |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                     |                                                                                                                                                                                       |                                       |                   |                                                     |                                                         |                         |                                                         |          |               |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                     |                                                                                                                                                                                       |                                       |                   |                                                     |                                                         |                         |                                                         |          |               |
| 26. Perforation record (interval, size, and number)<br>9559-24649, .38, 2100 shots                                                                                                                                                                                                                                                                                                        |                                     |                                                                                                                                                                                       |                                       |                   |                                                     | 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.         |                         |                                                         |          |               |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                     |                                                                                                                                                                                       |                                       |                   |                                                     | DEPTH INTERVAL                                          |                         | AMOUNT AND KIND MATERIAL USED                           |          |               |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                     |                                                                                                                                                                                       |                                       |                   |                                                     | 9559-24649                                              |                         | 36,817,980LBS TOTAL PROPPANT IN 729,250BBLs CLEAN FLUID |          |               |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                     |                                                                                                                                                                                       |                                       |                   |                                                     |                                                         |                         |                                                         |          |               |
| <b>28. PRODUCTION</b>                                                                                                                                                                                                                                                                                                                                                                     |                                     |                                                                                                                                                                                       |                                       |                   |                                                     |                                                         |                         |                                                         |          |               |
| Date First Production<br>08/02/2022                                                                                                                                                                                                                                                                                                                                                       |                                     | Production Method (Flowing, gas lift, pumping - Size and type pump)<br>GAS LIFT                                                                                                       |                                       |                   |                                                     | Well Status (Prod. or Shut-in)<br>PRODUCING             |                         |                                                         |          |               |
| Date of Test<br>08/03/2022                                                                                                                                                                                                                                                                                                                                                                | Hours Tested<br>24                  | Choke Size<br>35/128                                                                                                                                                                  | Prod'n For<br>Test Period             | Oil - Bbl<br>454  | Gas - MCF<br>1300                                   | Water - Bbl.<br>6329                                    | Gas - Oil Ratio<br>2863 |                                                         |          |               |
| Flow Tubing<br>Press.<br>0                                                                                                                                                                                                                                                                                                                                                                | Casing Pressure<br>1750             | Calculated 24-Hour Rate                                                                                                                                                               | Oil - Bbl.<br>454                     | Gas - MCF<br>1300 | Water - Bbl.<br>6329                                | Oil Gravity - API - (Corr.)                             |                         |                                                         |          |               |
| 29. Disposition of Gas (Sold, used for fuel, vented, etc.)<br>SOLD                                                                                                                                                                                                                                                                                                                        |                                     |                                                                                                                                                                                       |                                       |                   |                                                     |                                                         | 30. Test Witnessed By   |                                                         |          |               |
| 31. List Attachments<br>Completion Package/C102, BLM Completion, etc                                                                                                                                                                                                                                                                                                                      |                                     |                                                                                                                                                                                       |                                       |                   |                                                     |                                                         |                         |                                                         |          |               |
| 32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.                                                                                                                                                                                                                                                                                        |                                     |                                                                                                                                                                                       |                                       |                   |                                                     |                                                         | 33. Rig Release Date:   |                                                         |          |               |
| 34. If an on-site burial was used at the well, report the exact location of the on-site burial:                                                                                                                                                                                                                                                                                           |                                     |                                                                                                                                                                                       |                                       |                   |                                                     |                                                         |                         |                                                         |          |               |
| Latitude                                                                                                                                                                                                                                                                                                                                                                                  |                                     |                                                                                                                                                                                       |                                       | Longitude         |                                                     |                                                         |                         | NAD83                                                   |          |               |

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

Printed Name: Danielle D. Walkup

Signature 

Title Regulatory Coord.

Date: 8/17/2022

E-mail Address: d.d.walkup@conocophillips.com

## INSTRUCTIONS

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.

### INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

| Southeastern New Mexico        |      |                  | Northwestern New Mexico |                  |
|--------------------------------|------|------------------|-------------------------|------------------|
| T. Rustler                     | 274  | T. Canyon        | T. Ojo Alamo            | T. Penn A"       |
| T. Salt                        | 979  | T. Strawn        | T. Kirtland             | T. Penn. "B"     |
| B. Salt                        | 2269 | T. Atoka         | T. Fruitland            | T. Penn. "C"     |
| T. Lamar                       | 2467 | T. Miss          | T. Pictured Cliffs      | T. Penn. "D"     |
| T. Bell Canyon                 | 2500 | T. Devonian      | T. Cliff House          | T. Leadville     |
| T. Cherry Canyon               | 3327 | T. Silurian      | T. Menefee              | T. Madison       |
| T. Brushy Canyon               | 4485 | T. Montoya       | T. Point Lookout        | T. Elbert        |
| T. Bone Spring Lime            | 6046 | T. Simpson       | T. Mancos               | T. McCracken     |
| T. 1 <sup>st</sup> Bone Spring |      | T. McKee         | T. Gallup               | T. Ignacio Otzte |
| T. 2 <sup>nd</sup> Bone Spring | 7739 | T. Ellenburger   | Base Greenhorn          | T. Granite       |
| T. 3 <sup>rd</sup> Bone Spring | 8918 | T. Gr. Wash      | T. Dakota               |                  |
| T. Wolfcamp                    | 9430 | T. Delaware Sand | T. Morrison             |                  |
|                                |      | T. Bone Springs  | T. Todilto              |                  |
|                                |      | T.               | T. Entrada              |                  |
|                                |      | T.               | T. Wingate              |                  |
|                                |      | T.               | T. Chinle               |                  |
|                                |      | T.               | T. Permian              |                  |

### OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....

No. 3, from.....to.....

No. 2, from.....to.....

No. 4, from.....to.....

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

|  |  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|--|
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|--|--|--|--|--|--|--|--|--|

## CURRENT WELL SKETCH

API: 3001546956  
 SPUD: 9/23/2021  
 FRR: 12/18/2021  
 RIG: Pioneer 84

**Scout State Com 602H**

Purple Sage; Wolfcamp  
 Eddy County

Sec 6 T/B 25-S R/Svy 28-E  
 SHL: 280' FNL & 906' FEL  
 BHL: 201' FSL & 1,366' FEL (est.)  
 Sec 18 T/B 25-S R/Svy 28-E  
 GL: 3,050'  
 KB: 3,075'  
 ZERO: 25'

HOLE SIZE  
 MW  
 BHST  
 Evaluation

Surface Casing @ 540'  
 10.75" 45.5 ppf J55 BTC  
 Circulated 125 sx cement

Intermediate Casing @ 8,627'  
 7.625" 29.7 ppf L80 IC BTC From surf - 5632'  
 7.625 29.7 P110 IC Wedge 513 From 5632' - 8627'  
 Circulated: 136 sx cement

KOP @ 8,688'  
 EOC @ 9,729'  
 EOL @ 24,803'  
 TD @ 24,818'

Average TVD in Lateral 9,263'

Notes: Possible Non Wet Shoe

Did not bump plug

Production Casing @ 24,803'  
 5.5" 23 ppf P110 ICY TXP-BTC From surf - 8474'  
 5.5" 23 ppf P110 ICY 441 Wedge From 8474' - 24803'  
 PBTD (LC) 24,767'  
 MJ: 8,368'  
 Floatation Collar: 8,472'

Circulated: 298 sx cement

14.75"  
 9.875"  
 6.75"  
 8.34 (ppg)  
 9.1 (ppg)  
 11.7 (ppg)  
 161°F (est.)  
 No Logs  
 No Logs  
 Mud and Cased-Hole logs

Updated by M. Blackwood  
 Date: 1/6/2022

Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/ocd/contact-us>

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

ACKNOWLEDGMENTS

Action 135543

**ACKNOWLEDGMENTS**

|                                                                           |                                                    |
|---------------------------------------------------------------------------|----------------------------------------------------|
| Operator:<br>COG OPERATING LLC<br>600 W Illinois Ave<br>Midland, TX 79701 | OGRID:<br>229137                                   |
|                                                                           | Action Number:<br>135543                           |
|                                                                           | 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. |

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

CONDITIONS

Action 135543

CONDITIONS

|                                                                           |                                                    |
|---------------------------------------------------------------------------|----------------------------------------------------|
| Operator:<br>COG OPERATING LLC<br>600 W Illinois Ave<br>Midland, TX 79701 | OGRID:<br>229137                                   |
|                                                                           | Action Number:<br>135543                           |
|                                                                           | Action Type:<br>[C-104] Completion Packet (C-104C) |

CONDITIONS

| Created By     | Condition | Condition Date |
|----------------|-----------|----------------|
| crystal.walker | None      | 10/17/2025     |