

District I  
1625 N. French Dr., Hobbs, NM 88240

District II  
811 S. First St., Artesia, NM 88210

District III  
1000 Rio Brazos Rd., Aztec, NM 87410

District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources

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

Form C-104  
Revised August 1, 2011

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

|                                                                                                         |                                                              |                                                           |                                    |
|---------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|-----------------------------------------------------------|------------------------------------|
| <sup>1</sup> Operator name and Address<br>COG Operating LLC<br>2208 W. Main Street<br>Artesia, NM 88210 |                                                              | <sup>2</sup> OGRID Number<br>229137                       |                                    |
|                                                                                                         |                                                              | <sup>3</sup> Reason for Filing Code/ Effective Date<br>NW |                                    |
| API Number<br>30-025-44880                                                                              | <sup>5</sup> Pool Name<br>WC-025 G-09 S253309P; UPR WOLFCAMP |                                                           | <sup>6</sup> Pool Code<br>98180 KZ |
| <sup>7</sup> Property Code<br>314193                                                                    | <sup>8</sup> Property Name<br>Eider Federal                  |                                                           | <sup>9</sup> Well Number<br>206H   |

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

|                    |               |                 |              |         |                      |                           |                       |                        |               |
|--------------------|---------------|-----------------|--------------|---------|----------------------|---------------------------|-----------------------|------------------------|---------------|
| Ul or lot no.<br>O | Section<br>35 | Township<br>24S | Range<br>32E | Lot Idn | Feet from the<br>210 | North/South Line<br>South | Feet from the<br>2230 | East/West line<br>East | County<br>Lea |
|--------------------|---------------|-----------------|--------------|---------|----------------------|---------------------------|-----------------------|------------------------|---------------|

<sup>11</sup> Bottom Hole Location SL

|                             |                                             |                                                  |                                   |                                    |                                     |                           |                      |                        |               |
|-----------------------------|---------------------------------------------|--------------------------------------------------|-----------------------------------|------------------------------------|-------------------------------------|---------------------------|----------------------|------------------------|---------------|
| Ul or lot no.<br>I          | Section<br>26                               | Township<br>24S                                  | Range<br>32E                      | Lot Idn                            | Feet from the<br>2587               | North/South Line<br>South | Feet from the<br>878 | East/West line<br>East | County<br>Lea |
| <sup>12</sup> Lse Code<br>F | <sup>13</sup> Producing Method<br>Code<br>F | <sup>14</sup> Gas Connection<br>Date<br>11/25/20 | <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 |
|                                    | ACC                                                             | O                   |
| 24650                              | Targa Midstream Services                                        | G                   |
| 278421                             | Holly Refining and Marketing<br>PO Box 159<br>Artesia, NM 88210 | O                   |
|                                    |                                                                 |                     |
|                                    |                                                                 |                     |

IV. Well Completion Data

|                                    |                                      |                             |                               |                                              |                       |
|------------------------------------|--------------------------------------|-----------------------------|-------------------------------|----------------------------------------------|-----------------------|
| <sup>21</sup> Spud Date<br>6/26/20 | <sup>22</sup> Ready Date<br>11/14/20 | <sup>23</sup> TD<br>20,003' | <sup>24</sup> PBTD<br>19,901' | <sup>25</sup> Perforations<br>12,575-19,890' | <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 3/4"                            | 10 3/4"                              | 1028'                       | 710                           |                                              |                       |
| 8 3/4"                             | 7 5/8"                               | 11,875'                     | 1712                          |                                              |                       |
| 6 3/4"                             | 5 1/2"                               | 19,945'                     | 1950                          |                                              |                       |
|                                    | 2 7/8"                               | 11,543'                     |                               |                                              |                       |

V. Well Test Data

|                                                                                                                                                                                                                                     |                                             |                                     |                                                             |                                      |                                      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|-------------------------------------|-------------------------------------------------------------|--------------------------------------|--------------------------------------|
| <sup>31</sup> Date New Oil<br>11/25/20                                                                                                                                                                                              | <sup>32</sup> Gas Delivery Date<br>11/25/20 | <sup>33</sup> Test Date<br>11/25/20 | <sup>34</sup> Test Length<br>24 Hrs                         | <sup>35</sup> Tbg. Pressure<br>4000# | <sup>36</sup> Csg. Pressure<br>4600# |
| <sup>37</sup> Choke Size<br>14/64                                                                                                                                                                                                   | <sup>38</sup> Oil<br>32                     | <sup>39</sup> Water<br>1196         | <sup>40</sup> Gas<br>112                                    |                                      | <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: Amanda Avery |                                             |                                     | OIL CONSERVATION DIVISION<br>Approved by: PATRICIA MARTINEZ |                                      |                                      |
| Printed name:<br>Amanda Avery                                                                                                                                                                                                       |                                             |                                     | Title: LM II                                                |                                      |                                      |
| Title:<br>Regulatory Analyst                                                                                                                                                                                                        |                                             |                                     | Approval Date: 3/10/2021                                    |                                      |                                      |
| E-mail Address:                                                                                                                                                                                                                     |                                             |                                     |                                                             |                                      |                                      |
| Date:<br>12/14/2020                                                                                                                                                                                                                 |                                             | Phone:<br>575-748-6962              |                                                             |                                      |                                      |

DISTRICT I  
1625 N. FRENCH DR., HOBBS, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720

DISTRICT II  
511 S. FIRST ST., ARTESIA, NM 88210  
Phone: (575) 746-1283 Fax: (575) 746-9720

DISTRICT III  
1000 RIO BRAZOS RD., AZTEC, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV  
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
1220 SOUTH ST. FRANCIS DR.  
Santa Fe, New Mexico 87505

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

☒ AMENDED REPORT

As Drilled

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

|                            |                                      |                                                           |
|----------------------------|--------------------------------------|-----------------------------------------------------------|
| API Number<br>30-025-44880 | Pool Code<br>98180                   | Pool Name<br>WC-025 G-09 S253309P; UPR WOLFCAMP <b>KZ</b> |
| Property Code<br>314193    | Property Name<br>EIDER FEDERAL       | Well Number<br>206H                                       |
| OGRID No.<br>229137        | Operator Name<br>COG PRODUCTION, LLC | Elevation<br>3529.9'                                      |

**Surface Location**

| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| 0             | 35      | 24-S     | 32-E  |         | 210           | SOUTH            | 2230          | EAST           | LEA    |

**Bottom Hole Location If Different From Surface**

**SL**

| UL or lot No.          | Section         | Township           | Range     | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|------------------------|-----------------|--------------------|-----------|---------|---------------|------------------|---------------|----------------|--------|
| 1                      | 26              | 24-S               | 32-E      |         | 2587          | SOUTH            | 878           | EAST           | LEA    |
| Dedicated Acres<br>240 | Joint or Infill | Consolidation Code | 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

SEE PAGE 2

PAGE 1 OF 2

W.O. #20-1494

DRAWN BY: WN

|                                |                                             |                             |
|--------------------------------|---------------------------------------------|-----------------------------|
| Property Code<br><b>314193</b> | Property Name<br><b>EIDER FEDERAL</b>       | Well Number<br><b>206H</b>  |
| OGRID No.<br><b>229137</b>     | Operator Name<br><b>COG PRODUCTION, LLC</b> | Elevation<br><b>3529.9'</b> |

NAD 83 NME  
BOTTOM  
HOLE LOCATION  
Y=432994.3 N  
X=755909.2 E  
LAT.=32.188477° N  
LONG.=103.639725° W

LOWER PERF - 19,890'  
2475' FSL & 874' FEL

B.H.

878'

2587'

DRILL PATH

SECTION 26  
SECTION 35

NAD 83 NME  
SURFACE LOCATION  
Y=425321.7 N  
X=754595.5 E  
LAT.=32.167410° N  
LONG.=103.644130° W

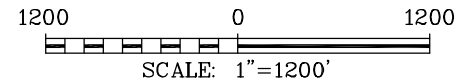
UPPER PERF - 12,575'  
462' FSL & 970' FEL  
KICK OFF POINT - 11,870'  
99' FSL & 1147' FEL

S.L.

210'

2230'

SURFACE INFO AND BOREPATH SHOWN HEREON  
IS BASED ON DIRECTIONAL SURVEY REPORT  
PROVIDED BY COG PRODUCTION, LLC FOR THE  
EIDER FEDERAL #206H SUPPLIED TO HARCROW  
SURVEYING, LLC ON NOVEMBER 13, 2020



#### OPERATOR CERTIFICATION

I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

*Amanda Avery* 12/10/20

Signature Date

Amanda Avery

Printed Name

aavery@concho.com

E-mail Address

#### 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.

JUN. 22, 2017/AUG. 3, 2020

Date of Survey/Date of Geographic Survey

Signature & Seal of Professional Surveyor



*Chad Harcrow* 11/17/20

Certificate No. CHAD HARCROW 17777

PAGE 2 OF 2

W.O. #20-1494

DRAWN BY: WN

# **DELAWARE BASIN EAST**

**BULLDOG PROSPECT (NM-E)**  
**EIDER FEDERAL PROJECT (BULLDOG 2434)**  
**EIDER FEDERAL 206H**

**OWB**

**Design: AWP**

## **Standard Survey Report**

**03 August, 2020**

## Concho Resources LLC

## Survey Report

|                  |                                      |                                     |                                  |
|------------------|--------------------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>  | DELAWARE BASIN EAST                  | <b>Local Co-ordinate Reference:</b> | Well EIDER FEDERAL 206H          |
| <b>Project:</b>  | BULLDOG PROSPECT (NM-E)              | <b>TVD Reference:</b>               | KB=30' @ 3559.9usft (SCAN QUEST) |
| <b>Site:</b>     | EIDER FEDERAL PROJECT (BULLDOG 2434) | <b>MD Reference:</b>                | KB=30' @ 3559.9usft (SCAN QUEST) |
| <b>Well:</b>     | EIDER FEDERAL 206H                   | <b>North Reference:</b>             | Grid                             |
| <b>Wellbore:</b> | OWB                                  | <b>Survey Calculation Method:</b>   | Minimum Curvature                |
| <b>Design:</b>   | AWP                                  | <b>Database:</b>                    | edm                              |

|                    |                                      |                      |                |
|--------------------|--------------------------------------|----------------------|----------------|
| <b>Project</b>     | BULLDOG PROSPECT (NM-E)              |                      |                |
| <b>Map System:</b> | US State Plane 1927 (Exact solution) | <b>System Datum:</b> | Mean Sea Level |
| <b>Geo Datum:</b>  | NAD 1927 (NADCON CONUS)              |                      |                |
| <b>Map Zone:</b>   | New Mexico East 3001                 |                      |                |

|                             |                            |          |                            |                 |                                     |
|-----------------------------|----------------------------|----------|----------------------------|-----------------|-------------------------------------|
| <b>Well</b>                 | EIDER FEDERAL 206H, ACTIVE |          |                            |                 |                                     |
| <b>Well Position</b>        | <b>+N/-S</b>               | 0.0 usft | <b>Northing:</b>           | 425,263.30 usft | <b>Latitude:</b> 32° 10' 2.229 N    |
|                             | <b>+E/-W</b>               | 0.0 usft | <b>Easting:</b>            | 713,410.40 usft | <b>Longitude:</b> 103° 38' 37.151 W |
| <b>Position Uncertainty</b> |                            | 3.0 usft | <b>Wellhead Elevation:</b> | usft            | <b>Ground Level:</b> 3,529.9 usft   |

|                  |                   |                    |                        |                      |                            |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| <b>Wellbore</b>  | OWB               |                    |                        |                      |                            |
| <b>Magnetics</b> | <b>Model Name</b> | <b>Sample Date</b> | <b>Declination (°)</b> | <b>Dip Angle (°)</b> | <b>Field Strength (nT)</b> |
|                  | IGRF2020          | 7/13/2020          | 6.68                   | 59.87                | 47,548.19183308            |

|                          |                                |                     |                     |                      |     |
|--------------------------|--------------------------------|---------------------|---------------------|----------------------|-----|
| <b>Design</b>            | AWP                            |                     |                     |                      |     |
| <b>Audit Notes:</b>      |                                |                     |                     |                      |     |
| <b>Version:</b>          | 1.0                            | <b>Phase:</b>       | ACTUAL              | <b>Tie On Depth:</b> | 0.0 |
| <b>Vertical Section:</b> | <b>Depth From (TVD) (usft)</b> | <b>+N/-S (usft)</b> | <b>+E/-W (usft)</b> | <b>Direction (°)</b> |     |
|                          | 0.0                            | 0.0                 | 0.0                 | 9.73                 |     |

|                       |                  |                          |                     |                                    |  |
|-----------------------|------------------|--------------------------|---------------------|------------------------------------|--|
| <b>Survey Program</b> | <b>Date</b>      | 8/3/2020                 |                     |                                    |  |
| <b>From (usft)</b>    | <b>To (usft)</b> | <b>Survey (Wellbore)</b> | <b>Tool Name</b>    | <b>Description</b>                 |  |
| 100.0                 | 11,765.0         | GYRO-INTER (OWB)         | Standard Keeper 104 | Standard Wireline Keeper ver 1.0.4 |  |
| 11,875.0              | 20,003.0         | MWD-CURVE/LAT (OWB)      | 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> |  |
| 0.0                          | 0.00                   | 0.00               | 0.0                          | 0.0                 | 0.0                 | 0.0                            | 0.00                           | 0.00                          | 0.00                         |  |
| 100.0                        | 0.22                   | 84.96              | 100.0                        | 0.0                 | 0.2                 | 0.0                            | 0.22                           | 0.22                          | 0.00                         |  |
| 125.0                        | 0.23                   | 84.60              | 125.0                        | 0.0                 | 0.3                 | 0.1                            | 0.04                           | 0.04                          | -1.44                        |  |
| 150.0                        | 0.24                   | 87.10              | 150.0                        | 0.0                 | 0.4                 | 0.1                            | 0.06                           | 0.04                          | 10.00                        |  |
| 175.0                        | 0.25                   | 100.57             | 175.0                        | 0.0                 | 0.5                 | 0.1                            | 0.23                           | 0.04                          | 53.88                        |  |
| 200.0                        | 0.29                   | 108.22             | 200.0                        | 0.0                 | 0.6                 | 0.1                            | 0.22                           | 0.16                          | 30.60                        |  |
| 225.0                        | 0.28                   | 98.23              | 225.0                        | 0.0                 | 0.7                 | 0.1                            | 0.20                           | -0.04                         | -39.96                       |  |
| 250.0                        | 0.27                   | 91.98              | 250.0                        | 0.0                 | 0.9                 | 0.1                            | 0.13                           | -0.04                         | -25.00                       |  |
| 275.0                        | 0.34                   | 98.60              | 275.0                        | -0.1                | 1.0                 | 0.1                            | 0.31                           | 0.28                          | 26.48                        |  |
| 300.0                        | 0.31                   | 102.01             | 300.0                        | -0.1                | 1.1                 | 0.1                            | 0.14                           | -0.12                         | 13.64                        |  |
| 325.0                        | 0.34                   | 82.48              | 325.0                        | -0.1                | 1.3                 | 0.1                            | 0.46                           | 0.12                          | -78.12                       |  |
| 350.0                        | 0.30                   | 86.79              | 350.0                        | -0.1                | 1.4                 | 0.2                            | 0.19                           | -0.16                         | 17.24                        |  |
| 375.0                        | 0.24                   | 87.66              | 375.0                        | -0.1                | 1.5                 | 0.2                            | 0.24                           | -0.24                         | 3.48                         |  |
| 400.0                        | 0.24                   | 104.35             | 400.0                        | -0.1                | 1.6                 | 0.2                            | 0.28                           | 0.00                          | 66.76                        |  |
| 425.0                        | 0.22                   | 136.16             | 425.0                        | -0.1                | 1.7                 | 0.2                            | 0.51                           | -0.08                         | 127.24                       |  |

## Concho Resources LLC

## Survey Report

|                  |                                      |                                     |                                  |
|------------------|--------------------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>  | DELAWARE BASIN EAST                  | <b>Local Co-ordinate Reference:</b> | Well EIDER FEDERAL 206H          |
| <b>Project:</b>  | BULLDOG PROSPECT (NM-E)              | <b>TVD Reference:</b>               | KB=30' @ 3559.9usft (SCAN QUEST) |
| <b>Site:</b>     | EIDER FEDERAL PROJECT (BULLDOG 2434) | <b>MD Reference:</b>                | KB=30' @ 3559.9usft (SCAN QUEST) |
| <b>Well:</b>     | EIDER FEDERAL 206H                   | <b>North Reference:</b>             | Grid                             |
| <b>Wellbore:</b> | OWB                                  | <b>Survey Calculation Method:</b>   | Minimum Curvature                |
| <b>Design:</b>   | AWP                                  | <b>Database:</b>                    | edm                              |

| 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) |
| 450.0                 | 0.26            | 138.14      | 450.0                 | -0.2         | 1.8          | 0.1                     | 0.16                    | 0.16                   | 7.92                  |
| 475.0                 | 0.22            | 154.23      | 475.0                 | -0.3         | 1.8          | 0.0                     | 0.31                    | -0.16                  | 64.36                 |
| 500.0                 | 0.15            | 123.47      | 500.0                 | -0.3         | 1.9          | 0.0                     | 0.48                    | -0.28                  | -123.04               |
| 525.0                 | 0.09            | 222.36      | 525.0                 | -0.4         | 1.9          | -0.1                    | 0.75                    | -0.24                  | 395.56                |
| 550.0                 | 0.33            | 240.97      | 550.0                 | -0.4         | 1.8          | -0.1                    | 0.99                    | 0.96                   | 74.44                 |
| 575.0                 | 0.26            | 242.60      | 575.0                 | -0.5         | 1.7          | -0.2                    | 0.28                    | -0.28                  | 6.52                  |
| 600.0                 | 0.29            | 238.31      | 600.0                 | -0.6         | 1.6          | -0.3                    | 0.15                    | 0.12                   | -17.16                |
| 625.0                 | 0.36            | 227.99      | 625.0                 | -0.6         | 1.5          | -0.4                    | 0.36                    | 0.28                   | -41.28                |
| 650.0                 | 0.49            | 221.74      | 650.0                 | -0.8         | 1.4          | -0.5                    | 0.55                    | 0.52                   | -25.00                |
| 675.0                 | 0.34            | 224.55      | 675.0                 | -0.9         | 1.2          | -0.7                    | 0.61                    | -0.60                  | 11.24                 |
| 700.0                 | 0.55            | 230.99      | 700.0                 | -1.0         | 1.1          | -0.8                    | 0.86                    | 0.84                   | 25.76                 |
| 725.0                 | 0.64            | 233.94      | 725.0                 | -1.2         | 0.9          | -1.0                    | 0.38                    | 0.36                   | 11.80                 |
| 750.0                 | 0.70            | 234.60      | 750.0                 | -1.4         | 0.7          | -1.2                    | 0.24                    | 0.24                   | 2.64                  |
| 775.0                 | 0.88            | 233.84      | 775.0                 | -1.6         | 0.4          | -1.5                    | 0.72                    | 0.72                   | -3.04                 |
| 800.0                 | 0.99            | 244.47      | 800.0                 | -1.8         | 0.0          | -1.7                    | 0.82                    | 0.44                   | 42.52                 |
| 825.0                 | 0.95            | 240.34      | 825.0                 | -2.0         | -0.4         | -2.0                    | 0.32                    | -0.16                  | -16.52                |
| 850.0                 | 1.03            | 239.12      | 850.0                 | -2.2         | -0.7         | -2.3                    | 0.33                    | 0.32                   | -4.88                 |
| 875.0                 | 1.10            | 238.63      | 875.0                 | -2.4         | -1.1         | -2.6                    | 0.28                    | 0.28                   | -1.96                 |
| 900.0                 | 1.10            | 233.04      | 900.0                 | -2.7         | -1.5         | -2.9                    | 0.43                    | 0.00                   | -22.36                |
| 925.0                 | 1.01            | 233.93      | 925.0                 | -3.0         | -1.9         | -3.2                    | 0.37                    | -0.36                  | 3.56                  |
| 950.0                 | 1.11            | 243.53      | 950.0                 | -3.2         | -2.3         | -3.5                    | 0.81                    | 0.40                   | 38.40                 |
| 975.0                 | 1.21            | 244.17      | 975.0                 | -3.4         | -2.7         | -3.8                    | 0.40                    | 0.40                   | 2.56                  |
| 1,000.0               | 1.16            | 248.30      | 999.9                 | -3.6         | -3.2         | -4.1                    | 0.40                    | -0.20                  | 16.52                 |
| 1,025.0               | 1.21            | 246.95      | 1,024.9               | -3.8         | -3.7         | -4.4                    | 0.23                    | 0.20                   | -5.40                 |
| 1,050.0               | 1.22            | 249.22      | 1,049.9               | -4.0         | -4.2         | -4.7                    | 0.20                    | 0.04                   | 9.08                  |
| 1,075.0               | 1.09            | 246.02      | 1,074.9               | -4.2         | -4.6         | -4.9                    | 0.58                    | -0.52                  | -12.80                |
| 1,100.0               | 1.04            | 242.37      | 1,099.9               | -4.4         | -5.1         | -5.2                    | 0.34                    | -0.20                  | -14.60                |
| 1,125.0               | 1.03            | 243.36      | 1,124.9               | -4.6         | -5.5         | -5.5                    | 0.08                    | -0.04                  | 3.96                  |
| 1,150.0               | 0.98            | 242.98      | 1,149.9               | -4.8         | -5.9         | -5.7                    | 0.20                    | -0.20                  | -1.52                 |
| 1,175.0               | 0.96            | 241.14      | 1,174.9               | -5.0         | -6.2         | -6.0                    | 0.15                    | -0.08                  | -7.36                 |
| 1,200.0               | 0.92            | 239.72      | 1,199.9               | -5.2         | -6.6         | -6.3                    | 0.19                    | -0.16                  | -5.68                 |
| 1,225.0               | 0.94            | 236.07      | 1,224.9               | -5.4         | -6.9         | -6.5                    | 0.25                    | 0.08                   | -14.60                |
| 1,250.0               | 0.99            | 243.08      | 1,249.9               | -5.7         | -7.3         | -6.8                    | 0.51                    | 0.20                   | 28.04                 |
| 1,275.0               | 1.14            | 244.43      | 1,274.9               | -5.9         | -7.7         | -7.1                    | 0.61                    | 0.60                   | 5.40                  |
| 1,300.0               | 0.98            | 239.24      | 1,299.9               | -6.1         | -8.1         | -7.4                    | 0.75                    | -0.64                  | -20.76                |
| 1,325.0               | 0.92            | 239.43      | 1,324.9               | -6.3         | -8.5         | -7.6                    | 0.24                    | -0.24                  | 0.76                  |
| 1,350.0               | 0.94            | 238.05      | 1,349.9               | -6.5         | -8.8         | -7.9                    | 0.12                    | 0.08                   | -5.52                 |
| 1,375.0               | 0.96            | 242.36      | 1,374.9               | -6.7         | -9.2         | -8.2                    | 0.30                    | 0.08                   | 17.24                 |
| 1,400.0               | 0.96            | 242.80      | 1,399.9               | -6.9         | -9.6         | -8.4                    | 0.03                    | 0.00                   | 1.76                  |
| 1,425.0               | 1.01            | 240.17      | 1,424.9               | -7.1         | -9.9         | -8.7                    | 0.27                    | 0.20                   | -10.52                |
| 1,450.0               | 0.98            | 238.81      | 1,449.9               | -7.3         | -10.3        | -9.0                    | 0.15                    | -0.12                  | -5.44                 |
| 1,475.0               | 0.87            | 234.22      | 1,474.9               | -7.5         | -10.6        | -9.2                    | 0.53                    | -0.44                  | -18.36                |
| 1,500.0               | 0.60            | 200.63      | 1,499.9               | -7.8         | -10.8        | -9.5                    | 1.99                    | -1.08                  | -134.36               |

## Concho Resources LLC

## Survey Report

|                  |                                      |                                     |                                  |
|------------------|--------------------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>  | DELAWARE BASIN EAST                  | <b>Local Co-ordinate Reference:</b> | Well EIDER FEDERAL 206H          |
| <b>Project:</b>  | BULLDOG PROSPECT (NM-E)              | <b>TVD Reference:</b>               | KB=30' @ 3559.9usft (SCAN QUEST) |
| <b>Site:</b>     | EIDER FEDERAL PROJECT (BULLDOG 2434) | <b>MD Reference:</b>                | KB=30' @ 3559.9usft (SCAN QUEST) |
| <b>Well:</b>     | EIDER FEDERAL 206H                   | <b>North Reference:</b>             | Grid                             |
| <b>Wellbore:</b> | OWB                                  | <b>Survey Calculation Method:</b>   | Minimum Curvature                |
| <b>Design:</b>   | AWP                                  | <b>Database:</b>                    | edm                              |

| 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) |
| 1,525.0               | 0.37            | 146.77      | 1,524.9               | -8.0         | -10.8        | -9.7                    | 1.94                    | -0.92                  | -215.44               |
| 1,550.0               | 0.49            | 96.50       | 1,549.9               | -8.0         | -10.7        | -9.7                    | 1.52                    | 0.48                   | -201.08               |
| 1,575.0               | 0.65            | 90.38       | 1,574.9               | -8.1         | -10.4        | -9.7                    | 0.68                    | 0.64                   | -24.48                |
| 1,600.0               | 0.62            | 83.11       | 1,599.9               | -8.0         | -10.2        | -9.6                    | 0.34                    | -0.12                  | -29.08                |
| 1,625.0               | 0.59            | 92.91       | 1,624.9               | -8.0         | -9.9         | -9.6                    | 0.43                    | -0.12                  | 39.20                 |
| 1,650.0               | 0.62            | 83.78       | 1,649.9               | -8.0         | -9.6         | -9.5                    | 0.40                    | 0.12                   | -36.52                |
| 1,675.0               | 0.61            | 91.56       | 1,674.9               | -8.0         | -9.4         | -9.5                    | 0.34                    | -0.04                  | 31.12                 |
| 1,700.0               | 0.61            | 83.25       | 1,699.9               | -8.0         | -9.1         | -9.4                    | 0.35                    | 0.00                   | -33.24                |
| 1,725.0               | 0.67            | 78.79       | 1,724.9               | -8.0         | -8.8         | -9.3                    | 0.31                    | 0.24                   | -17.84                |
| 1,750.0               | 0.64            | 72.05       | 1,749.9               | -7.9         | -8.6         | -9.2                    | 0.33                    | -0.12                  | -26.96                |
| 1,775.0               | 0.94            | 73.08       | 1,774.9               | -7.8         | -8.2         | -9.1                    | 1.20                    | 1.20                   | 4.12                  |
| 1,800.0               | 0.71            | 71.59       | 1,799.9               | -7.7         | -7.9         | -8.9                    | 0.92                    | -0.92                  | -5.96                 |
| 1,825.0               | 0.70            | 61.65       | 1,824.9               | -7.6         | -7.6         | -8.7                    | 0.49                    | -0.04                  | -39.76                |
| 1,850.0               | 0.59            | 72.98       | 1,849.8               | -7.4         | -7.4         | -8.6                    | 0.67                    | -0.44                  | 45.32                 |
| 1,875.0               | 0.63            | 64.35       | 1,874.8               | -7.3         | -7.1         | -8.4                    | 0.40                    | 0.16                   | -34.52                |
| 1,900.0               | 0.61            | 67.44       | 1,899.8               | -7.2         | -6.9         | -8.3                    | 0.16                    | -0.08                  | 12.36                 |
| 1,925.0               | 0.63            | 67.72       | 1,924.8               | -7.1         | -6.6         | -8.1                    | 0.08                    | 0.08                   | 1.12                  |
| 1,950.0               | 0.60            | 67.00       | 1,949.8               | -7.0         | -6.4         | -8.0                    | 0.12                    | -0.12                  | -2.88                 |
| 1,975.0               | 0.76            | 68.09       | 1,974.8               | -6.9         | -6.1         | -7.8                    | 0.64                    | 0.64                   | 4.36                  |
| 2,000.0               | 0.64            | 33.60       | 1,999.8               | -6.7         | -5.9         | -7.6                    | 1.72                    | -0.48                  | -137.96               |
| 2,025.0               | 0.40            | 50.46       | 2,024.8               | -6.6         | -5.7         | -7.4                    | 1.13                    | -0.96                  | 67.44                 |
| 2,050.0               | 0.47            | 48.73       | 2,049.8               | -6.4         | -5.6         | -7.3                    | 0.28                    | 0.28                   | -6.92                 |
| 2,075.0               | 0.46            | 51.62       | 2,074.8               | -6.3         | -5.4         | -7.1                    | 0.10                    | -0.04                  | 11.56                 |
| 2,100.0               | 0.51            | 52.41       | 2,099.8               | -6.2         | -5.2         | -7.0                    | 0.20                    | 0.20                   | 3.16                  |
| 2,125.0               | 0.44            | 50.27       | 2,124.8               | -6.1         | -5.1         | -6.8                    | 0.29                    | -0.28                  | -8.56                 |
| 2,150.0               | 0.44            | 54.48       | 2,149.8               | -5.9         | -4.9         | -6.7                    | 0.13                    | 0.00                   | 16.84                 |
| 2,175.0               | 0.39            | 48.93       | 2,174.8               | -5.8         | -4.8         | -6.6                    | 0.26                    | -0.20                  | -22.20                |
| 2,200.0               | 0.38            | 62.04       | 2,199.8               | -5.7         | -4.6         | -6.4                    | 0.35                    | -0.04                  | 52.44                 |
| 2,225.0               | 0.37            | 57.01       | 2,224.8               | -5.6         | -4.5         | -6.3                    | 0.14                    | -0.04                  | -20.12                |
| 2,250.0               | 0.38            | 52.37       | 2,249.8               | -5.6         | -4.4         | -6.2                    | 0.13                    | 0.04                   | -18.56                |
| 2,275.0               | 0.36            | 65.65       | 2,274.8               | -5.5         | -4.2         | -6.1                    | 0.35                    | -0.08                  | 53.12                 |
| 2,300.0               | 0.41            | 62.87       | 2,299.8               | -5.4         | -4.1         | -6.0                    | 0.21                    | 0.20                   | -11.12                |
| 2,325.0               | 0.42            | 67.91       | 2,324.8               | -5.3         | -3.9         | -5.9                    | 0.15                    | 0.04                   | 20.16                 |
| 2,350.0               | 0.44            | 72.26       | 2,349.8               | -5.3         | -3.7         | -5.8                    | 0.15                    | 0.08                   | 17.40                 |
| 2,375.0               | 0.53            | 62.78       | 2,374.8               | -5.2         | -3.6         | -5.7                    | 0.48                    | 0.36                   | -37.92                |
| 2,400.0               | 0.49            | 78.53       | 2,399.8               | -5.1         | -3.3         | -5.6                    | 0.58                    | -0.16                  | 63.00                 |
| 2,425.0               | 0.68            | 84.75       | 2,424.8               | -5.1         | -3.1         | -5.5                    | 0.80                    | 0.76                   | 24.88                 |
| 2,450.0               | 1.04            | 91.87       | 2,449.8               | -5.1         | -2.7         | -5.4                    | 1.50                    | 1.44                   | 28.48                 |
| 2,475.0               | 1.63            | 86.82       | 2,474.8               | -5.0         | -2.1         | -5.3                    | 2.40                    | 2.36                   | -20.20                |
| 2,500.0               | 1.65            | 93.07       | 2,499.8               | -5.0         | -1.4         | -5.2                    | 0.72                    | 0.08                   | 25.00                 |
| 2,525.0               | 1.97            | 94.21       | 2,524.8               | -5.1         | -0.6         | -5.1                    | 1.29                    | 1.28                   | 4.56                  |
| 2,550.0               | 2.70            | 94.71       | 2,549.8               | -5.2         | 0.4          | -5.0                    | 2.92                    | 2.92                   | 2.00                  |
| 2,575.0               | 3.39            | 93.99       | 2,574.7               | -5.3         | 1.7          | -4.9                    | 2.76                    | 2.76                   | -2.88                 |

## Concho Resources LLC

## Survey Report

|                  |                                      |                                     |                                  |
|------------------|--------------------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>  | DELAWARE BASIN EAST                  | <b>Local Co-ordinate Reference:</b> | Well EIDER FEDERAL 206H          |
| <b>Project:</b>  | BULLDOG PROSPECT (NM-E)              | <b>TVD Reference:</b>               | KB=30' @ 3559.9usft (SCAN QUEST) |
| <b>Site:</b>     | EIDER FEDERAL PROJECT (BULLDOG 2434) | <b>MD Reference:</b>                | KB=30' @ 3559.9usft (SCAN QUEST) |
| <b>Well:</b>     | EIDER FEDERAL 206H                   | <b>North Reference:</b>             | Grid                             |
| <b>Wellbore:</b> | OWB                                  | <b>Survey Calculation Method:</b>   | Minimum Curvature                |
| <b>Design:</b>   | AWP                                  | <b>Database:</b>                    | edm                              |

| 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) |  |
| 2,600.0               | 3.66            | 96.18       | 2,599.7               | -5.4         | 3.2          | -4.8                    | 1.21                    | 1.08                   | 8.76                  |  |
| 2,625.0               | 4.00            | 95.60       | 2,624.6               | -5.6         | 4.9          | -4.7                    | 1.37                    | 1.36                   | -2.32                 |  |
| 2,650.0               | 4.99            | 95.58       | 2,649.6               | -5.8         | 6.8          | -4.5                    | 3.96                    | 3.96                   | -0.08                 |  |
| 2,675.0               | 5.41            | 96.43       | 2,674.5               | -6.0         | 9.1          | -4.4                    | 1.71                    | 1.68                   | 3.40                  |  |
| 2,700.0               | 5.65            | 95.50       | 2,699.3               | -6.3         | 11.5         | -4.2                    | 1.02                    | 0.96                   | -3.72                 |  |
| 2,725.0               | 5.65            | 94.70       | 2,724.2               | -6.5         | 13.9         | -4.0                    | 0.32                    | 0.00                   | -3.20                 |  |
| 2,750.0               | 5.68            | 95.84       | 2,749.1               | -6.7         | 16.4         | -3.8                    | 0.47                    | 0.12                   | 4.56                  |  |
| 2,775.0               | 5.72            | 95.43       | 2,774.0               | -7.0         | 18.9         | -3.7                    | 0.23                    | 0.16                   | -1.64                 |  |
| 2,800.0               | 5.68            | 95.44       | 2,798.8               | -7.2         | 21.3         | -3.5                    | 0.16                    | -0.16                  | 0.04                  |  |
| 2,825.0               | 5.90            | 95.46       | 2,823.7               | -7.4         | 23.9         | -3.3                    | 0.88                    | 0.88                   | 0.08                  |  |
| 2,850.0               | 7.00            | 95.55       | 2,848.6               | -7.7         | 26.7         | -3.1                    | 4.40                    | 4.40                   | 0.36                  |  |
| 2,875.0               | 7.34            | 95.25       | 2,873.4               | -8.0         | 29.8         | -2.8                    | 1.37                    | 1.36                   | -1.20                 |  |
| 2,900.0               | 7.39            | 95.49       | 2,898.2               | -8.3         | 33.0         | -2.6                    | 0.23                    | 0.20                   | 0.96                  |  |
| 2,925.0               | 7.39            | 95.55       | 2,923.0               | -8.6         | 36.2         | -2.4                    | 0.03                    | 0.00                   | 0.24                  |  |
| 2,950.0               | 7.45            | 95.11       | 2,947.7               | -8.9         | 39.4         | -2.1                    | 0.33                    | 0.24                   | -1.76                 |  |
| 2,975.0               | 7.42            | 95.51       | 2,972.5               | -9.2         | 42.6         | -1.9                    | 0.24                    | -0.12                  | 1.60                  |  |
| 3,000.0               | 7.44            | 94.68       | 2,997.3               | -9.5         | 45.8         | -1.6                    | 0.44                    | 0.08                   | -3.32                 |  |
| 3,025.0               | 7.45            | 90.33       | 3,022.1               | -9.6         | 49.0         | -1.2                    | 2.25                    | 0.04                   | -17.40                |  |
| 3,050.0               | 7.49            | 86.59       | 3,046.9               | -9.5         | 52.3         | -0.6                    | 1.95                    | 0.16                   | -14.96                |  |
| 3,075.0               | 7.41            | 84.45       | 3,071.7               | -9.3         | 55.5         | 0.2                     | 1.16                    | -0.32                  | -8.56                 |  |
| 3,100.0               | 7.45            | 84.07       | 3,096.5               | -9.0         | 58.7         | 1.1                     | 0.25                    | 0.16                   | -1.52                 |  |
| 3,125.0               | 7.52            | 83.79       | 3,121.3               | -8.6         | 62.0         | 2.0                     | 0.32                    | 0.28                   | -1.12                 |  |
| 3,150.0               | 7.47            | 83.71       | 3,146.1               | -8.3         | 65.2         | 2.9                     | 0.20                    | -0.20                  | -0.32                 |  |
| 3,175.0               | 7.48            | 83.01       | 3,170.8               | -7.9         | 68.4         | 3.8                     | 0.37                    | 0.04                   | -2.80                 |  |
| 3,200.0               | 7.41            | 83.33       | 3,195.6               | -7.5         | 71.7         | 4.7                     | 0.33                    | -0.28                  | 1.28                  |  |
| 3,225.0               | 7.47            | 83.10       | 3,220.4               | -7.1         | 74.9         | 5.6                     | 0.27                    | 0.24                   | -0.92                 |  |
| 3,250.0               | 7.49            | 82.91       | 3,245.2               | -6.7         | 78.1         | 6.6                     | 0.13                    | 0.08                   | -0.76                 |  |
| 3,275.0               | 7.49            | 82.77       | 3,270.0               | -6.3         | 81.3         | 7.5                     | 0.07                    | 0.00                   | -0.56                 |  |
| 3,300.0               | 7.36            | 83.96       | 3,294.8               | -5.9         | 84.6         | 8.4                     | 0.81                    | -0.52                  | 4.76                  |  |
| 3,325.0               | 7.43            | 83.19       | 3,319.6               | -5.6         | 87.7         | 9.3                     | 0.49                    | 0.28                   | -3.08                 |  |
| 3,350.0               | 7.25            | 81.44       | 3,344.4               | -5.2         | 90.9         | 10.3                    | 1.15                    | -0.72                  | -7.00                 |  |
| 3,375.0               | 7.07            | 79.88       | 3,369.2               | -4.7         | 94.0         | 11.3                    | 1.06                    | -0.72                  | -6.24                 |  |
| 3,400.0               | 6.95            | 78.83       | 3,394.0               | -4.1         | 97.0         | 12.4                    | 0.70                    | -0.48                  | -4.20                 |  |
| 3,425.0               | 6.79            | 77.76       | 3,418.8               | -3.5         | 99.9         | 13.5                    | 0.82                    | -0.64                  | -4.28                 |  |
| 3,450.0               | 6.51            | 76.74       | 3,443.6               | -2.8         | 102.7        | 14.6                    | 1.22                    | -1.12                  | -4.08                 |  |
| 3,475.0               | 6.39            | 77.90       | 3,468.5               | -2.2         | 105.5        | 15.6                    | 0.71                    | -0.48                  | 4.64                  |  |
| 3,500.0               | 6.21            | 78.87       | 3,493.3               | -1.7         | 108.2        | 16.6                    | 0.84                    | -0.72                  | 3.88                  |  |
| 3,525.0               | 6.07            | 79.77       | 3,518.2               | -1.2         | 110.8        | 17.6                    | 0.68                    | -0.56                  | 3.60                  |  |
| 3,550.0               | 6.07            | 80.20       | 3,543.0               | -0.7         | 113.4        | 18.5                    | 0.18                    | 0.00                   | 1.72                  |  |
| 3,575.0               | 6.12            | 80.16       | 3,567.9               | -0.3         | 116.0        | 19.3                    | 0.20                    | 0.20                   | -0.16                 |  |
| 3,600.0               | 6.36            | 82.99       | 3,592.8               | 0.1          | 118.7        | 20.2                    | 1.56                    | 0.96                   | 11.32                 |  |
| 3,625.0               | 6.40            | 83.58       | 3,617.6               | 0.5          | 121.5        | 21.0                    | 0.31                    | 0.16                   | 2.36                  |  |
| 3,650.0               | 6.49            | 83.31       | 3,642.4               | 0.8          | 124.2        | 21.8                    | 0.38                    | 0.36                   | -1.08                 |  |
| 3,675.0               | 6.49            | 83.64       | 3,667.3               | 1.1          | 127.1        | 22.6                    | 0.15                    | 0.00                   | 1.32                  |  |

## Concho Resources LLC

## Survey Report

|                  |                                      |                                     |                                  |
|------------------|--------------------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>  | DELAWARE BASIN EAST                  | <b>Local Co-ordinate Reference:</b> | Well EIDER FEDERAL 206H          |
| <b>Project:</b>  | BULLDOG PROSPECT (NM-E)              | <b>TVD Reference:</b>               | KB=30' @ 3559.9usft (SCAN QUEST) |
| <b>Site:</b>     | EIDER FEDERAL PROJECT (BULLDOG 2434) | <b>MD Reference:</b>                | KB=30' @ 3559.9usft (SCAN QUEST) |
| <b>Well:</b>     | EIDER FEDERAL 206H                   | <b>North Reference:</b>             | Grid                             |
| <b>Wellbore:</b> | OWB                                  | <b>Survey Calculation Method:</b>   | Minimum Curvature                |
| <b>Design:</b>   | AWP                                  | <b>Database:</b>                    | edm                              |

| 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) |
| 3,700.0               | 6.50            | 83.30       | 3,692.1               | 1.4          | 129.9        | 23.4                    | 0.16                    | 0.04                   | -1.36                 |
| 3,725.0               | 6.52            | 83.24       | 3,717.0               | 1.7          | 132.7        | 24.2                    | 0.08                    | 0.08                   | -0.24                 |
| 3,750.0               | 6.49            | 83.69       | 3,741.8               | 2.1          | 135.5        | 24.9                    | 0.24                    | -0.12                  | 1.80                  |
| 3,775.0               | 6.55            | 85.67       | 3,766.6               | 2.3          | 138.3        | 25.7                    | 0.93                    | 0.24                   | 7.92                  |
| 3,800.0               | 6.55            | 94.99       | 3,791.5               | 2.3          | 141.2        | 26.1                    | 4.25                    | 0.00                   | 37.28                 |
| 3,825.0               | 6.65            | 96.09       | 3,816.3               | 2.0          | 144.0        | 26.4                    | 0.64                    | 0.40                   | 4.40                  |
| 3,850.0               | 6.62            | 96.90       | 3,841.1               | 1.7          | 146.9        | 26.5                    | 0.39                    | -0.12                  | 3.24                  |
| 3,875.0               | 6.56            | 96.68       | 3,866.0               | 1.4          | 149.7        | 26.7                    | 0.26                    | -0.24                  | -0.88                 |
| 3,900.0               | 6.30            | 95.84       | 3,890.8               | 1.1          | 152.5        | 26.8                    | 1.11                    | -1.04                  | -3.36                 |
| 3,925.0               | 5.92            | 95.57       | 3,915.7               | 0.8          | 155.2        | 27.0                    | 1.52                    | -1.52                  | -1.08                 |
| 3,950.0               | 5.66            | 94.73       | 3,940.6               | 0.6          | 157.7        | 27.2                    | 1.09                    | -1.04                  | -3.36                 |
| 3,975.0               | 5.45            | 94.98       | 3,965.4               | 0.4          | 160.1        | 27.4                    | 0.85                    | -0.84                  | 1.00                  |
| 4,000.0               | 5.42            | 94.50       | 3,990.3               | 0.2          | 162.5        | 27.6                    | 0.22                    | -0.12                  | -1.92                 |
| 4,025.0               | 5.46            | 93.73       | 4,015.2               | 0.0          | 164.8        | 27.9                    | 0.33                    | 0.16                   | -3.08                 |
| 4,050.0               | 5.18            | 97.51       | 4,040.1               | -0.2         | 167.1        | 28.0                    | 1.79                    | -1.12                  | 15.12                 |
| 4,075.0               | 6.30            | 104.98      | 4,065.0               | -0.7         | 169.6        | 28.0                    | 5.38                    | 4.48                   | 29.88                 |
| 4,100.0               | 6.61            | 109.06      | 4,089.8               | -1.5         | 172.3        | 27.6                    | 2.21                    | 1.24                   | 16.32                 |
| 4,125.0               | 6.79            | 110.23      | 4,114.6               | -2.5         | 175.0        | 27.1                    | 0.90                    | 0.72                   | 4.68                  |
| 4,150.0               | 6.87            | 110.16      | 4,139.5               | -3.6         | 177.8        | 26.6                    | 0.32                    | 0.32                   | -0.28                 |
| 4,175.0               | 6.84            | 111.01      | 4,164.3               | -4.6         | 180.6        | 26.0                    | 0.42                    | -0.12                  | 3.40                  |
| 4,200.0               | 6.88            | 111.07      | 4,189.1               | -5.7         | 183.4        | 25.4                    | 0.16                    | 0.16                   | 0.24                  |
| 4,225.0               | 6.92            | 111.39      | 4,213.9               | -6.8         | 186.2        | 24.8                    | 0.22                    | 0.16                   | 1.28                  |
| 4,250.0               | 7.00            | 111.17      | 4,238.7               | -7.9         | 189.0        | 24.2                    | 0.34                    | 0.32                   | -0.88                 |
| 4,275.0               | 6.95            | 110.09      | 4,263.6               | -8.9         | 191.8        | 23.6                    | 0.56                    | -0.20                  | -4.32                 |
| 4,300.0               | 6.95            | 111.13      | 4,288.4               | -10.0        | 194.7        | 23.1                    | 0.50                    | 0.00                   | 4.16                  |
| 4,325.0               | 6.90            | 111.49      | 4,313.2               | -11.1        | 197.5        | 22.5                    | 0.26                    | -0.20                  | 1.44                  |
| 4,350.0               | 6.76            | 112.58      | 4,338.0               | -12.2        | 200.2        | 21.8                    | 0.76                    | -0.56                  | 4.36                  |
| 4,375.0               | 6.66            | 112.50      | 4,362.8               | -13.3        | 202.9        | 21.2                    | 0.40                    | -0.40                  | -0.32                 |
| 4,400.0               | 6.62            | 112.90      | 4,387.7               | -14.4        | 205.6        | 20.5                    | 0.24                    | -0.16                  | 1.60                  |
| 4,425.0               | 6.63            | 113.37      | 4,412.5               | -15.6        | 208.2        | 19.9                    | 0.22                    | 0.04                   | 1.88                  |
| 4,450.0               | 6.64            | 112.74      | 4,437.3               | -16.7        | 210.9        | 19.2                    | 0.29                    | 0.04                   | -2.52                 |
| 4,475.0               | 6.64            | 113.00      | 4,462.2               | -17.8        | 213.6        | 18.5                    | 0.12                    | 0.00                   | 1.04                  |
| 4,500.0               | 6.63            | 112.90      | 4,487.0               | -19.0        | 216.2        | 17.9                    | 0.06                    | -0.04                  | -0.40                 |
| 4,525.0               | 6.66            | 113.12      | 4,511.8               | -20.1        | 218.9        | 17.2                    | 0.16                    | 0.12                   | 0.88                  |
| 4,550.0               | 7.34            | 108.17      | 4,536.7               | -21.2        | 221.7        | 16.6                    | 3.63                    | 2.72                   | -19.80                |
| 4,575.0               | 7.57            | 106.65      | 4,561.4               | -22.1        | 224.8        | 16.2                    | 1.21                    | 0.92                   | -6.08                 |
| 4,600.0               | 7.57            | 106.87      | 4,586.2               | -23.1        | 228.0        | 15.8                    | 0.12                    | 0.00                   | 0.88                  |
| 4,625.0               | 7.58            | 107.08      | 4,611.0               | -24.0        | 231.1        | 15.4                    | 0.12                    | 0.04                   | 0.84                  |
| 4,650.0               | 7.68            | 106.49      | 4,635.8               | -25.0        | 234.3        | 15.0                    | 0.51                    | 0.40                   | -2.36                 |
| 4,675.0               | 7.71            | 106.17      | 4,660.6               | -25.9        | 237.5        | 14.6                    | 0.21                    | 0.12                   | -1.28                 |
| 4,700.0               | 7.36            | 106.35      | 4,685.3               | -26.9        | 240.7        | 14.2                    | 1.40                    | -1.40                  | 0.72                  |
| 4,725.0               | 6.96            | 106.88      | 4,710.2               | -27.7        | 243.7        | 13.9                    | 1.62                    | -1.60                  | 2.12                  |
| 4,750.0               | 6.54            | 106.65      | 4,735.0               | -28.6        | 246.5        | 13.5                    | 1.68                    | -1.68                  | -0.92                 |

## Concho Resources LLC

## Survey Report

|                  |                                      |                                     |                                  |
|------------------|--------------------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>  | DELAWARE BASIN EAST                  | <b>Local Co-ordinate Reference:</b> | Well EIDER FEDERAL 206H          |
| <b>Project:</b>  | BULLDOG PROSPECT (NM-E)              | <b>TVD Reference:</b>               | KB=30' @ 3559.9usft (SCAN QUEST) |
| <b>Site:</b>     | EIDER FEDERAL PROJECT (BULLDOG 2434) | <b>MD Reference:</b>                | KB=30' @ 3559.9usft (SCAN QUEST) |
| <b>Well:</b>     | EIDER FEDERAL 206H                   | <b>North Reference:</b>             | Grid                             |
| <b>Wellbore:</b> | OWB                                  | <b>Survey Calculation Method:</b>   | Minimum Curvature                |
| <b>Design:</b>   | AWP                                  | <b>Database:</b>                    | edm                              |

| Survey                |                 |             |                       |              |              |                         |                         |                        |                       |  |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|--|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |  |
| 4,775.0               | 6.00            | 108.16      | 4,759.8               | -29.4        | 249.1        | 13.1                    | 2.26                    | -2.16                  | 6.04                  |  |
| 4,800.0               | 5.71            | 108.20      | 4,784.7               | -30.2        | 251.5        | 12.8                    | 1.16                    | -1.16                  | 0.16                  |  |
| 4,825.0               | 5.39            | 108.96      | 4,809.6               | -31.0        | 253.8        | 12.4                    | 1.31                    | -1.28                  | 3.04                  |  |
| 4,850.0               | 5.15            | 107.92      | 4,834.5               | -31.7        | 256.0        | 12.0                    | 1.03                    | -0.96                  | -4.16                 |  |
| 4,875.0               | 4.90            | 106.64      | 4,859.4               | -32.3        | 258.1        | 11.7                    | 1.10                    | -1.00                  | -5.12                 |  |
| 4,900.0               | 4.87            | 104.00      | 4,884.3               | -32.9        | 260.1        | 11.5                    | 0.91                    | -0.12                  | -10.56                |  |
| 4,925.0               | 4.81            | 102.96      | 4,909.2               | -33.4        | 262.2        | 11.4                    | 0.43                    | -0.24                  | -4.16                 |  |
| 4,950.0               | 4.77            | 103.76      | 4,934.1               | -33.9        | 264.2        | 11.3                    | 0.31                    | -0.16                  | 3.20                  |  |
| 4,975.0               | 4.90            | 101.80      | 4,959.0               | -34.4        | 266.3        | 11.2                    | 0.84                    | 0.52                   | -7.84                 |  |
| 5,000.0               | 5.13            | 100.50      | 4,983.9               | -34.8        | 268.4        | 11.1                    | 1.03                    | 0.92                   | -5.20                 |  |
| 5,025.0               | 5.94            | 97.87       | 5,008.8               | -35.2        | 270.8        | 11.1                    | 3.39                    | 3.24                   | -10.52                |  |
| 5,050.0               | 6.48            | 95.22       | 5,033.7               | -35.5        | 273.5        | 11.3                    | 2.44                    | 2.16                   | -10.60                |  |
| 5,075.0               | 6.64            | 94.11       | 5,058.5               | -35.7        | 276.3        | 11.5                    | 0.82                    | 0.64                   | -4.44                 |  |
| 5,100.0               | 6.72            | 93.58       | 5,083.3               | -35.9        | 279.2        | 11.8                    | 0.40                    | 0.32                   | -2.12                 |  |
| 5,125.0               | 6.71            | 93.64       | 5,108.2               | -36.1        | 282.1        | 12.1                    | 0.05                    | -0.04                  | 0.24                  |  |
| 5,150.0               | 6.71            | 93.87       | 5,133.0               | -36.3        | 285.0        | 12.5                    | 0.11                    | 0.00                   | 0.92                  |  |
| 5,175.0               | 6.65            | 94.56       | 5,157.8               | -36.5        | 287.9        | 12.7                    | 0.40                    | -0.24                  | 2.76                  |  |
| 5,200.0               | 6.69            | 95.86       | 5,182.7               | -36.7        | 290.8        | 13.0                    | 0.62                    | 0.16                   | 5.20                  |  |
| 5,225.0               | 7.07            | 95.13       | 5,207.5               | -37.0        | 293.8        | 13.2                    | 1.56                    | 1.52                   | -2.92                 |  |
| 5,250.0               | 7.10            | 95.56       | 5,232.3               | -37.3        | 296.9        | 13.4                    | 0.24                    | 0.12                   | 1.72                  |  |
| 5,275.0               | 7.01            | 96.27       | 5,257.1               | -37.6        | 299.9        | 13.6                    | 0.50                    | -0.36                  | 2.84                  |  |
| 5,300.0               | 7.08            | 96.07       | 5,281.9               | -38.0        | 303.0        | 13.8                    | 0.30                    | 0.28                   | -0.80                 |  |
| 5,325.0               | 7.01            | 96.03       | 5,306.7               | -38.3        | 306.0        | 14.0                    | 0.28                    | -0.28                  | -0.16                 |  |
| 5,350.0               | 6.87            | 95.81       | 5,331.5               | -38.6        | 309.0        | 14.2                    | 0.57                    | -0.56                  | -0.88                 |  |
| 5,375.0               | 6.75            | 96.15       | 5,356.4               | -38.9        | 312.0        | 14.4                    | 0.51                    | -0.48                  | 1.36                  |  |
| 5,400.0               | 6.67            | 96.56       | 5,381.2               | -39.2        | 314.9        | 14.6                    | 0.37                    | -0.32                  | 1.64                  |  |
| 5,425.0               | 6.68            | 96.47       | 5,406.0               | -39.6        | 317.8        | 14.7                    | 0.06                    | 0.04                   | -0.36                 |  |
| 5,450.0               | 6.82            | 94.78       | 5,430.8               | -39.8        | 320.7        | 15.0                    | 0.97                    | 0.56                   | -6.76                 |  |
| 5,475.0               | 6.79            | 95.65       | 5,455.7               | -40.1        | 323.7        | 15.2                    | 0.43                    | -0.12                  | 3.48                  |  |
| 5,500.0               | 6.98            | 95.80       | 5,480.5               | -40.4        | 326.6        | 15.4                    | 0.76                    | 0.76                   | 0.60                  |  |
| 5,525.0               | 6.98            | 95.71       | 5,505.3               | -40.7        | 329.7        | 15.6                    | 0.04                    | 0.00                   | -0.36                 |  |
| 5,550.0               | 6.99            | 95.77       | 5,530.1               | -41.0        | 332.7        | 15.8                    | 0.05                    | 0.04                   | 0.24                  |  |
| 5,575.0               | 7.02            | 95.79       | 5,554.9               | -41.3        | 335.7        | 16.0                    | 0.12                    | 0.12                   | 0.08                  |  |
| 5,600.0               | 7.18            | 94.81       | 5,579.7               | -41.6        | 338.8        | 16.3                    | 0.80                    | 0.64                   | -3.92                 |  |
| 5,625.0               | 7.04            | 95.77       | 5,604.5               | -41.9        | 341.9        | 16.5                    | 0.73                    | -0.56                  | 3.84                  |  |
| 5,650.0               | 7.14            | 95.15       | 5,629.4               | -42.2        | 345.0        | 16.7                    | 0.50                    | 0.40                   | -2.48                 |  |
| 5,675.0               | 7.29            | 94.72       | 5,654.2               | -42.5        | 348.1        | 17.0                    | 0.64                    | 0.60                   | -1.72                 |  |
| 5,700.0               | 7.32            | 95.41       | 5,678.9               | -42.7        | 351.2        | 17.3                    | 0.37                    | 0.12                   | 2.76                  |  |
| 5,725.0               | 7.46            | 94.82       | 5,703.7               | -43.0        | 354.4        | 17.5                    | 0.64                    | 0.56                   | -2.36                 |  |
| 5,750.0               | 7.39            | 94.58       | 5,728.5               | -43.3        | 357.7        | 17.8                    | 0.31                    | -0.28                  | -0.96                 |  |
| 5,775.0               | 7.04            | 94.23       | 5,753.3               | -43.5        | 360.8        | 18.1                    | 1.41                    | -1.40                  | -1.40                 |  |
| 5,800.0               | 6.86            | 93.35       | 5,778.2               | -43.7        | 363.8        | 18.4                    | 0.84                    | -0.72                  | -3.52                 |  |
| 5,825.0               | 6.82            | 93.35       | 5,803.0               | -43.9        | 366.8        | 18.7                    | 0.16                    | -0.16                  | 0.00                  |  |

## Concho Resources LLC

## Survey Report

|                  |                                      |                                     |                                  |
|------------------|--------------------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>  | DELAWARE BASIN EAST                  | <b>Local Co-ordinate Reference:</b> | Well EIDER FEDERAL 206H          |
| <b>Project:</b>  | BULLDOG PROSPECT (NM-E)              | <b>TVD Reference:</b>               | KB=30' @ 3559.9usft (SCAN QUEST) |
| <b>Site:</b>     | EIDER FEDERAL PROJECT (BULLDOG 2434) | <b>MD Reference:</b>                | KB=30' @ 3559.9usft (SCAN QUEST) |
| <b>Well:</b>     | EIDER FEDERAL 206H                   | <b>North Reference:</b>             | Grid                             |
| <b>Wellbore:</b> | OWB                                  | <b>Survey Calculation Method:</b>   | Minimum Curvature                |
| <b>Design:</b>   | AWP                                  | <b>Database:</b>                    | edm                              |

| Survey                |                 |             |                       |              |              |                         |                         |                        |                       |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 5,850.0               | 6.92            | 92.81       | 5,827.8               | -44.1        | 369.8        | 19.1                    | 0.48                    | 0.40                   | -2.16                 |
| 5,875.0               | 7.21            | 93.13       | 5,852.6               | -44.2        | 372.8        | 19.4                    | 1.17                    | 1.16                   | 1.28                  |
| 5,900.0               | 7.32            | 92.69       | 5,877.4               | -44.4        | 376.0        | 19.8                    | 0.49                    | 0.44                   | -1.76                 |
| 5,925.0               | 7.29            | 92.91       | 5,902.2               | -44.5        | 379.2        | 20.2                    | 0.16                    | -0.12                  | 0.88                  |
| 5,950.0               | 7.42            | 91.19       | 5,927.0               | -44.7        | 382.4        | 20.6                    | 1.02                    | 0.52                   | -6.88                 |
| 5,975.0               | 7.34            | 90.52       | 5,951.8               | -44.7        | 385.6        | 21.1                    | 0.47                    | -0.32                  | -2.68                 |
| 6,000.0               | 7.12            | 90.28       | 5,976.6               | -44.7        | 388.7        | 21.6                    | 0.89                    | -0.88                  | -0.96                 |
| 6,025.0               | 6.95            | 90.29       | 6,001.4               | -44.7        | 391.8        | 22.1                    | 0.68                    | -0.68                  | 0.04                  |
| 6,050.0               | 6.88            | 89.02       | 6,026.2               | -44.7        | 394.8        | 22.7                    | 0.67                    | -0.28                  | -5.08                 |
| 6,075.0               | 6.51            | 88.48       | 6,051.0               | -44.7        | 397.7        | 23.2                    | 1.50                    | -1.48                  | -2.16                 |
| 6,100.0               | 6.39            | 88.43       | 6,075.9               | -44.6        | 400.5        | 23.8                    | 0.48                    | -0.48                  | -0.20                 |
| 6,125.0               | 6.39            | 88.30       | 6,100.7               | -44.5        | 403.3        | 24.3                    | 0.06                    | 0.00                   | -0.52                 |
| 6,150.0               | 6.39            | 88.31       | 6,125.6               | -44.4        | 406.1        | 24.9                    | 0.00                    | 0.00                   | 0.04                  |
| 6,175.0               | 6.43            | 88.37       | 6,150.4               | -44.3        | 408.9        | 25.4                    | 0.16                    | 0.16                   | 0.24                  |
| 6,200.0               | 6.54            | 87.68       | 6,175.3               | -44.2        | 411.7        | 26.0                    | 0.54                    | 0.44                   | -2.76                 |
| 6,225.0               | 6.61            | 88.92       | 6,200.1               | -44.2        | 414.6        | 26.6                    | 0.63                    | 0.28                   | 4.96                  |
| 6,250.0               | 7.43            | 94.58       | 6,224.9               | -44.3        | 417.6        | 27.0                    | 4.29                    | 3.28                   | 22.64                 |
| 6,275.0               | 7.97            | 96.24       | 6,249.7               | -44.6        | 420.9        | 27.2                    | 2.34                    | 2.16                   | 6.64                  |
| 6,300.0               | 8.20            | 96.38       | 6,274.4               | -45.0        | 424.4        | 27.4                    | 0.92                    | 0.92                   | 0.56                  |
| 6,325.0               | 8.27            | 95.75       | 6,299.2               | -45.3        | 428.0        | 27.7                    | 0.46                    | 0.28                   | -2.52                 |
| 6,350.0               | 8.25            | 96.47       | 6,323.9               | -45.7        | 431.6        | 27.9                    | 0.42                    | -0.08                  | 2.88                  |
| 6,375.0               | 8.20            | 95.72       | 6,348.7               | -46.1        | 435.1        | 28.1                    | 0.47                    | -0.20                  | -3.00                 |
| 6,400.0               | 8.03            | 95.00       | 6,373.4               | -46.4        | 438.6        | 28.4                    | 0.79                    | -0.68                  | -2.88                 |
| 6,425.0               | 7.96            | 94.55       | 6,398.2               | -46.7        | 442.1        | 28.7                    | 0.38                    | -0.28                  | -1.80                 |
| 6,450.0               | 7.88            | 93.28       | 6,422.9               | -47.0        | 445.5        | 29.0                    | 0.77                    | -0.32                  | -5.08                 |
| 6,475.0               | 7.87            | 92.89       | 6,447.7               | -47.1        | 449.0        | 29.4                    | 0.22                    | -0.04                  | -1.56                 |
| 6,500.0               | 7.64            | 92.19       | 6,472.5               | -47.3        | 452.3        | 29.9                    | 0.99                    | -0.92                  | -2.80                 |
| 6,525.0               | 7.47            | 90.73       | 6,497.2               | -47.4        | 455.6        | 30.3                    | 1.03                    | -0.68                  | -5.84                 |
| 6,550.0               | 7.34            | 90.02       | 6,522.0               | -47.4        | 458.8        | 30.9                    | 0.64                    | -0.52                  | -2.84                 |
| 6,575.0               | 7.19            | 89.61       | 6,546.8               | -47.4        | 462.0        | 31.4                    | 0.63                    | -0.60                  | -1.64                 |
| 6,600.0               | 7.14            | 89.19       | 6,571.6               | -47.4        | 465.1        | 32.0                    | 0.29                    | -0.20                  | -1.68                 |
| 6,625.0               | 7.22            | 88.59       | 6,596.4               | -47.3        | 468.2        | 32.5                    | 0.44                    | 0.32                   | -2.40                 |
| 6,650.0               | 7.02            | 88.97       | 6,621.3               | -47.2        | 471.3        | 33.1                    | 0.82                    | -0.80                  | 1.52                  |
| 6,675.0               | 6.78            | 87.77       | 6,646.1               | -47.1        | 474.3        | 33.7                    | 1.12                    | -0.96                  | -4.80                 |
| 6,700.0               | 6.40            | 88.55       | 6,670.9               | -47.1        | 477.2        | 34.3                    | 1.56                    | -1.52                  | 3.12                  |
| 6,725.0               | 6.14            | 89.35       | 6,695.8               | -47.0        | 479.9        | 34.8                    | 1.10                    | -1.04                  | 3.20                  |
| 6,750.0               | 6.19            | 89.28       | 6,720.6               | -47.0        | 482.6        | 35.3                    | 0.20                    | 0.20                   | -0.28                 |
| 6,775.0               | 6.21            | 89.17       | 6,745.5               | -46.9        | 485.3        | 35.8                    | 0.09                    | 0.08                   | -0.44                 |
| 6,800.0               | 6.27            | 89.30       | 6,770.3               | -46.9        | 488.0        | 36.3                    | 0.25                    | 0.24                   | 0.52                  |
| 6,825.0               | 6.53            | 91.11       | 6,795.2               | -46.9        | 490.8        | 36.8                    | 1.32                    | 1.04                   | 7.24                  |
| 6,850.0               | 6.64            | 91.59       | 6,820.0               | -47.0        | 493.7        | 37.2                    | 0.49                    | 0.44                   | 1.92                  |
| 6,875.0               | 6.64            | 92.07       | 6,844.8               | -47.1        | 496.6        | 37.6                    | 0.22                    | 0.00                   | 1.92                  |
| 6,900.0               | 6.70            | 91.62       | 6,869.7               | -47.2        | 499.5        | 38.0                    | 0.32                    | 0.24                   | -1.80                 |
| 6,925.0               | 6.67            | 90.98       | 6,894.5               | -47.2        | 502.4        | 38.4                    | 0.32                    | -0.12                  | -2.56                 |

## Concho Resources LLC

## Survey Report

|                  |                                      |                                     |                                  |
|------------------|--------------------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>  | DELAWARE BASIN EAST                  | <b>Local Co-ordinate Reference:</b> | Well EIDER FEDERAL 206H          |
| <b>Project:</b>  | BULLDOG PROSPECT (NM-E)              | <b>TVD Reference:</b>               | KB=30' @ 3559.9usft (SCAN QUEST) |
| <b>Site:</b>     | EIDER FEDERAL PROJECT (BULLDOG 2434) | <b>MD Reference:</b>                | KB=30' @ 3559.9usft (SCAN QUEST) |
| <b>Well:</b>     | EIDER FEDERAL 206H                   | <b>North Reference:</b>             | Grid                             |
| <b>Wellbore:</b> | OWB                                  | <b>Survey Calculation Method:</b>   | Minimum Curvature                |
| <b>Design:</b>   | AWP                                  | <b>Database:</b>                    | edm                              |

| Survey                |                 |             |                       |              |              |                         |                         |                        |                       |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 6,950.0               | 6.71            | 91.92       | 6,919.3               | -47.3        | 505.3        | 38.8                    | 0.47                    | 0.16                   | 3.76                  |
| 6,975.0               | 6.70            | 92.11       | 6,944.2               | -47.4        | 508.2        | 39.2                    | 0.10                    | -0.04                  | 0.76                  |
| 7,000.0               | 6.82            | 93.02       | 6,969.0               | -47.5        | 511.2        | 39.6                    | 0.64                    | 0.48                   | 3.64                  |
| 7,025.0               | 6.82            | 93.80       | 6,993.8               | -47.7        | 514.1        | 39.9                    | 0.37                    | 0.00                   | 3.12                  |
| 7,050.0               | 6.73            | 92.87       | 7,018.6               | -47.9        | 517.1        | 40.2                    | 0.57                    | -0.36                  | -3.72                 |
| 7,075.0               | 6.82            | 94.10       | 7,043.5               | -48.1        | 520.0        | 40.5                    | 0.68                    | 0.36                   | 4.92                  |
| 7,100.0               | 6.79            | 94.10       | 7,068.3               | -48.3        | 523.0        | 40.8                    | 0.12                    | -0.12                  | 0.00                  |
| 7,125.0               | 6.72            | 94.08       | 7,093.1               | -48.5        | 525.9        | 41.1                    | 0.28                    | -0.28                  | -0.08                 |
| 7,150.0               | 6.56            | 93.33       | 7,117.9               | -48.7        | 528.8        | 41.4                    | 0.73                    | -0.64                  | -3.00                 |
| 7,175.0               | 6.41            | 93.57       | 7,142.8               | -48.8        | 531.6        | 41.7                    | 0.61                    | -0.60                  | 0.96                  |
| 7,200.0               | 6.36            | 93.82       | 7,167.6               | -49.0        | 534.4        | 42.0                    | 0.23                    | -0.20                  | 1.00                  |
| 7,225.0               | 6.35            | 93.93       | 7,192.5               | -49.2        | 537.1        | 42.3                    | 0.06                    | -0.04                  | 0.44                  |
| 7,250.0               | 6.33            | 94.15       | 7,217.3               | -49.4        | 539.9        | 42.6                    | 0.13                    | -0.08                  | 0.88                  |
| 7,275.0               | 6.40            | 94.01       | 7,242.2               | -49.6        | 542.7        | 42.9                    | 0.29                    | 0.28                   | -0.56                 |
| 7,300.0               | 6.45            | 96.51       | 7,267.0               | -49.9        | 545.4        | 43.1                    | 1.14                    | 0.20                   | 10.00                 |
| 7,325.0               | 6.64            | 96.19       | 7,291.8               | -50.2        | 548.3        | 43.2                    | 0.77                    | 0.76                   | -1.28                 |
| 7,350.0               | 6.63            | 96.73       | 7,316.7               | -50.5        | 551.1        | 43.4                    | 0.25                    | -0.04                  | 2.16                  |
| 7,375.0               | 6.89            | 98.36       | 7,341.5               | -50.9        | 554.1        | 43.5                    | 1.29                    | 1.04                   | 6.52                  |
| 7,400.0               | 7.36            | 101.59      | 7,366.3               | -51.4        | 557.1        | 43.5                    | 2.47                    | 1.88                   | 12.92                 |
| 7,425.0               | 7.42            | 100.51      | 7,391.1               | -52.0        | 560.3        | 43.4                    | 0.61                    | 0.24                   | -4.32                 |
| 7,450.0               | 7.35            | 101.67      | 7,415.9               | -52.7        | 563.4        | 43.4                    | 0.66                    | -0.28                  | 4.64                  |
| 7,475.0               | 7.24            | 101.37      | 7,440.7               | -53.3        | 566.5        | 43.3                    | 0.47                    | -0.44                  | -1.20                 |
| 7,500.0               | 7.16            | 101.26      | 7,465.5               | -53.9        | 569.6        | 43.2                    | 0.32                    | -0.32                  | -0.44                 |
| 7,525.0               | 7.03            | 101.40      | 7,490.3               | -54.5        | 572.6        | 43.1                    | 0.52                    | -0.52                  | 0.56                  |
| 7,550.0               | 6.97            | 101.43      | 7,515.1               | -55.1        | 575.6        | 43.0                    | 0.24                    | -0.24                  | 0.12                  |
| 7,575.0               | 6.80            | 100.75      | 7,539.9               | -55.7        | 578.6        | 42.9                    | 0.75                    | -0.68                  | -2.72                 |
| 7,600.0               | 6.70            | 100.94      | 7,564.8               | -56.2        | 581.5        | 42.9                    | 0.41                    | -0.40                  | 0.76                  |
| 7,625.0               | 6.60            | 100.43      | 7,589.6               | -56.8        | 584.3        | 42.8                    | 0.46                    | -0.40                  | -2.04                 |
| 7,650.0               | 6.47            | 99.11       | 7,614.4               | -57.3        | 587.1        | 42.8                    | 0.79                    | -0.52                  | -5.28                 |
| 7,675.0               | 6.09            | 99.33       | 7,639.3               | -57.7        | 589.8        | 42.8                    | 1.52                    | -1.52                  | 0.88                  |
| 7,700.0               | 6.12            | 98.67       | 7,664.1               | -58.1        | 592.4        | 42.9                    | 0.31                    | 0.12                   | -2.64                 |
| 7,725.0               | 6.14            | 99.38       | 7,689.0               | -58.5        | 595.1        | 42.9                    | 0.31                    | 0.08                   | 2.84                  |
| 7,750.0               | 6.13            | 98.95       | 7,713.9               | -59.0        | 597.7        | 42.9                    | 0.19                    | -0.04                  | -1.72                 |
| 7,775.0               | 6.18            | 98.17       | 7,738.7               | -59.4        | 600.4        | 43.0                    | 0.39                    | 0.20                   | -3.12                 |
| 7,800.0               | 6.23            | 98.69       | 7,763.6               | -59.8        | 603.0        | 43.1                    | 0.30                    | 0.20                   | 2.08                  |
| 7,825.0               | 6.17            | 98.14       | 7,788.4               | -60.2        | 605.7        | 43.1                    | 0.34                    | -0.24                  | -2.20                 |
| 7,850.0               | 6.06            | 97.92       | 7,813.3               | -60.5        | 608.3        | 43.2                    | 0.45                    | -0.44                  | -0.88                 |
| 7,875.0               | 5.94            | 96.45       | 7,838.1               | -60.9        | 610.9        | 43.3                    | 0.78                    | -0.48                  | -5.88                 |
| 7,900.0               | 5.69            | 95.93       | 7,863.0               | -61.1        | 613.4        | 43.5                    | 1.02                    | -1.00                  | -2.08                 |
| 7,925.0               | 5.62            | 95.99       | 7,887.9               | -61.4        | 615.9        | 43.6                    | 0.28                    | -0.28                  | 0.24                  |
| 7,950.0               | 5.47            | 96.06       | 7,912.8               | -61.6        | 618.3        | 43.8                    | 0.60                    | -0.60                  | 0.28                  |
| 7,975.0               | 5.38            | 95.27       | 7,937.7               | -61.9        | 620.6        | 44.0                    | 0.47                    | -0.36                  | -3.16                 |
| 8,000.0               | 5.43            | 93.43       | 7,962.5               | -62.1        | 623.0        | 44.2                    | 0.72                    | 0.20                   | -7.36                 |

## Concho Resources LLC

## Survey Report

|                  |                                      |                                     |                                  |
|------------------|--------------------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>  | DELAWARE BASIN EAST                  | <b>Local Co-ordinate Reference:</b> | Well EIDER FEDERAL 206H          |
| <b>Project:</b>  | BULLDOG PROSPECT (NM-E)              | <b>TVD Reference:</b>               | KB=30' @ 3559.9usft (SCAN QUEST) |
| <b>Site:</b>     | EIDER FEDERAL PROJECT (BULLDOG 2434) | <b>MD Reference:</b>                | KB=30' @ 3559.9usft (SCAN QUEST) |
| <b>Well:</b>     | EIDER FEDERAL 206H                   | <b>North Reference:</b>             | Grid                             |
| <b>Wellbore:</b> | OWB                                  | <b>Survey Calculation Method:</b>   | Minimum Curvature                |
| <b>Design:</b>   | AWP                                  | <b>Database:</b>                    | edm                              |

| 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) |  |
| 8,025.0               | 5.33            | 94.93       | 7,987.4               | -62.2        | 625.3        | 44.4                    | 0.69                    | -0.40                  | 6.00                  |  |
| 8,050.0               | 6.07            | 89.18       | 8,012.3               | -62.3        | 627.8        | 44.7                    | 3.74                    | 2.96                   | -23.00                |  |
| 8,075.0               | 7.14            | 87.32       | 8,037.1               | -62.2        | 630.7        | 45.3                    | 4.36                    | 4.28                   | -7.44                 |  |
| 8,100.0               | 7.33            | 86.91       | 8,061.9               | -62.1        | 633.8        | 46.0                    | 0.79                    | 0.76                   | -1.64                 |  |
| 8,125.0               | 7.27            | 87.00       | 8,086.7               | -61.9        | 637.0        | 46.7                    | 0.24                    | -0.24                  | 0.36                  |  |
| 8,150.0               | 7.31            | 87.45       | 8,111.5               | -61.7        | 640.2        | 47.4                    | 0.28                    | 0.16                   | 1.80                  |  |
| 8,175.0               | 7.36            | 87.18       | 8,136.3               | -61.6        | 643.4        | 48.1                    | 0.24                    | 0.20                   | -1.08                 |  |
| 8,200.0               | 7.41            | 87.24       | 8,161.1               | -61.4        | 646.6        | 48.8                    | 0.20                    | 0.20                   | 0.24                  |  |
| 8,225.0               | 7.29            | 87.14       | 8,185.9               | -61.3        | 649.8        | 49.5                    | 0.48                    | -0.48                  | -0.40                 |  |
| 8,250.0               | 7.10            | 87.36       | 8,210.7               | -61.1        | 652.9        | 50.1                    | 0.77                    | -0.76                  | 0.88                  |  |
| 8,275.0               | 7.03            | 87.58       | 8,235.5               | -61.0        | 656.0        | 50.8                    | 0.30                    | -0.28                  | 0.88                  |  |
| 8,300.0               | 6.78            | 87.76       | 8,260.4               | -60.9        | 659.0        | 51.4                    | 1.00                    | -1.00                  | 0.72                  |  |
| 8,325.0               | 6.67            | 87.63       | 8,285.2               | -60.7        | 661.9        | 52.0                    | 0.44                    | -0.44                  | -0.52                 |  |
| 8,350.0               | 6.59            | 88.15       | 8,310.0               | -60.6        | 664.8        | 52.6                    | 0.40                    | -0.32                  | 2.08                  |  |
| 8,375.0               | 6.60            | 87.71       | 8,334.9               | -60.5        | 667.6        | 53.2                    | 0.21                    | 0.04                   | -1.76                 |  |
| 8,400.0               | 6.66            | 87.82       | 8,359.7               | -60.4        | 670.5        | 53.8                    | 0.25                    | 0.24                   | 0.44                  |  |
| 8,425.0               | 7.39            | 86.31       | 8,384.5               | -60.3        | 673.6        | 54.5                    | 3.01                    | 2.92                   | -6.04                 |  |
| 8,450.0               | 7.65            | 86.83       | 8,409.3               | -60.1        | 676.8        | 55.2                    | 1.08                    | 1.04                   | 2.08                  |  |
| 8,475.0               | 7.74            | 86.43       | 8,434.1               | -59.9        | 680.2        | 56.0                    | 0.42                    | 0.36                   | -1.60                 |  |
| 8,500.0               | 7.80            | 86.81       | 8,458.8               | -59.7        | 683.6        | 56.8                    | 0.32                    | 0.24                   | 1.52                  |  |
| 8,525.0               | 7.11            | 86.04       | 8,483.6               | -59.5        | 686.8        | 57.5                    | 2.79                    | -2.76                  | -3.08                 |  |
| 8,550.0               | 6.95            | 85.65       | 8,508.4               | -59.2        | 689.9        | 58.2                    | 0.67                    | -0.64                  | -1.56                 |  |
| 8,575.0               | 6.93            | 85.80       | 8,533.2               | -59.0        | 692.9        | 59.0                    | 0.11                    | -0.08                  | 0.60                  |  |
| 8,600.0               | 7.21            | 87.02       | 8,558.1               | -58.8        | 695.9        | 59.7                    | 1.27                    | 1.12                   | 4.88                  |  |
| 8,625.0               | 8.38            | 90.48       | 8,582.8               | -58.8        | 699.3        | 60.3                    | 5.04                    | 4.68                   | 13.84                 |  |
| 8,650.0               | 8.45            | 90.02       | 8,607.6               | -58.8        | 703.0        | 60.9                    | 0.39                    | 0.28                   | -1.84                 |  |
| 8,675.0               | 8.31            | 90.39       | 8,632.3               | -58.8        | 706.6        | 61.5                    | 0.60                    | -0.56                  | 1.48                  |  |
| 8,700.0               | 8.00            | 91.20       | 8,657.0               | -58.8        | 710.2        | 62.1                    | 1.32                    | -1.24                  | 3.24                  |  |
| 8,725.0               | 7.64            | 90.86       | 8,681.8               | -58.9        | 713.6        | 62.6                    | 1.45                    | -1.44                  | -1.36                 |  |
| 8,750.0               | 7.47            | 92.02       | 8,706.6               | -59.0        | 716.9        | 63.1                    | 0.91                    | -0.68                  | 4.64                  |  |
| 8,775.0               | 7.22            | 92.20       | 8,731.4               | -59.1        | 720.1        | 63.5                    | 1.00                    | -1.00                  | 0.72                  |  |
| 8,800.0               | 6.91            | 92.74       | 8,756.2               | -59.2        | 723.1        | 63.9                    | 1.27                    | -1.24                  | 2.16                  |  |
| 8,825.0               | 6.66            | 92.25       | 8,781.0               | -59.4        | 726.1        | 64.3                    | 1.03                    | -1.00                  | -1.96                 |  |
| 8,850.0               | 6.61            | 92.25       | 8,805.8               | -59.5        | 729.0        | 64.6                    | 0.20                    | -0.20                  | 0.00                  |  |
| 8,875.0               | 6.57            | 93.73       | 8,830.7               | -59.6        | 731.8        | 65.0                    | 0.70                    | -0.16                  | 5.92                  |  |
| 8,900.0               | 7.12            | 95.16       | 8,855.5               | -59.9        | 734.8        | 65.2                    | 2.30                    | 2.20                   | 5.72                  |  |
| 8,925.0               | 7.28            | 95.66       | 8,880.3               | -60.2        | 737.9        | 65.5                    | 0.69                    | 0.64                   | 2.00                  |  |
| 8,950.0               | 7.27            | 96.23       | 8,905.1               | -60.5        | 741.1        | 65.7                    | 0.29                    | -0.04                  | 2.28                  |  |
| 8,975.0               | 7.13            | 97.72       | 8,929.9               | -60.9        | 744.2        | 65.8                    | 0.93                    | -0.56                  | 5.96                  |  |
| 9,000.0               | 6.72            | 97.21       | 8,954.7               | -61.3        | 747.2        | 66.0                    | 1.66                    | -1.64                  | -2.04                 |  |
| 9,025.0               | 5.80            | 98.64       | 8,979.6               | -61.6        | 749.9        | 66.0                    | 3.73                    | -3.68                  | 5.72                  |  |
| 9,050.0               | 5.60            | 99.34       | 9,004.5               | -62.0        | 752.3        | 66.1                    | 0.85                    | -0.80                  | 2.80                  |  |
| 9,075.0               | 5.53            | 99.89       | 9,029.3               | -62.4        | 754.7        | 66.1                    | 0.35                    | -0.28                  | 2.20                  |  |

## Concho Resources LLC

## Survey Report

|                  |                                      |                                     |                                  |
|------------------|--------------------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>  | DELAWARE BASIN EAST                  | <b>Local Co-ordinate Reference:</b> | Well EIDER FEDERAL 206H          |
| <b>Project:</b>  | BULLDOG PROSPECT (NM-E)              | <b>TVD Reference:</b>               | KB=30' @ 3559.9usft (SCAN QUEST) |
| <b>Site:</b>     | EIDER FEDERAL PROJECT (BULLDOG 2434) | <b>MD Reference:</b>                | KB=30' @ 3559.9usft (SCAN QUEST) |
| <b>Well:</b>     | EIDER FEDERAL 206H                   | <b>North Reference:</b>             | Grid                             |
| <b>Wellbore:</b> | OWB                                  | <b>Survey Calculation Method:</b>   | Minimum Curvature                |
| <b>Design:</b>   | AWP                                  | <b>Database:</b>                    | edm                              |

| Survey                |                 |             |                       |              |              |                         |                         |                        |                       |  |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|--|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |  |
| 9,100.0               | 5.67            | 100.25      | 9,054.2               | -62.8        | 757.1        | 66.1                    | 0.58                    | 0.56                   | 1.44                  |  |
| 9,125.0               | 5.74            | 99.88       | 9,079.1               | -63.3        | 759.6        | 66.1                    | 0.32                    | 0.28                   | -1.48                 |  |
| 9,150.0               | 5.79            | 99.43       | 9,104.0               | -63.7        | 762.0        | 66.1                    | 0.27                    | 0.20                   | -1.80                 |  |
| 9,175.0               | 6.46            | 95.84       | 9,128.8               | -64.1        | 764.7        | 66.2                    | 3.09                    | 2.68                   | -14.36                |  |
| 9,200.0               | 7.56            | 92.47       | 9,153.6               | -64.3        | 767.7        | 66.5                    | 4.70                    | 4.40                   | -13.48                |  |
| 9,225.0               | 7.63            | 91.46       | 9,178.4               | -64.4        | 771.0        | 66.9                    | 0.60                    | 0.28                   | -4.04                 |  |
| 9,250.0               | 7.69            | 91.13       | 9,203.2               | -64.5        | 774.3        | 67.4                    | 0.30                    | 0.24                   | -1.32                 |  |
| 9,275.0               | 7.08            | 89.83       | 9,228.0               | -64.5        | 777.6        | 67.9                    | 2.53                    | -2.44                  | -5.20                 |  |
| 9,300.0               | 6.41            | 89.52       | 9,252.8               | -64.5        | 780.5        | 68.4                    | 2.68                    | -2.68                  | -1.24                 |  |
| 9,325.0               | 5.75            | 88.88       | 9,277.7               | -64.4        | 783.1        | 68.9                    | 2.65                    | -2.64                  | -2.56                 |  |
| 9,350.0               | 5.44            | 88.93       | 9,302.6               | -64.4        | 785.6        | 69.4                    | 1.24                    | -1.24                  | 0.20                  |  |
| 9,375.0               | 5.78            | 90.11       | 9,327.4               | -64.4        | 788.0        | 69.8                    | 1.44                    | 1.36                   | 4.72                  |  |
| 9,400.0               | 5.83            | 89.80       | 9,352.3               | -64.4        | 790.6        | 70.2                    | 0.24                    | 0.20                   | -1.24                 |  |
| 9,425.0               | 5.85            | 89.75       | 9,377.2               | -64.4        | 793.1        | 70.7                    | 0.08                    | 0.08                   | -0.20                 |  |
| 9,450.0               | 6.00            | 88.65       | 9,402.0               | -64.3        | 795.7        | 71.1                    | 0.75                    | 0.60                   | -4.40                 |  |
| 9,475.0               | 6.75            | 87.50       | 9,426.9               | -64.2        | 798.5        | 71.7                    | 3.04                    | 3.00                   | -4.60                 |  |
| 9,500.0               | 6.96            | 86.86       | 9,451.7               | -64.1        | 801.4        | 72.4                    | 0.89                    | 0.84                   | -2.56                 |  |
| 9,525.0               | 7.03            | 86.70       | 9,476.5               | -63.9        | 804.5        | 73.0                    | 0.29                    | 0.28                   | -0.64                 |  |
| 9,550.0               | 7.40            | 87.03       | 9,501.3               | -63.7        | 807.6        | 73.7                    | 1.49                    | 1.48                   | 1.32                  |  |
| 9,575.0               | 7.76            | 87.00       | 9,526.1               | -63.6        | 810.9        | 74.5                    | 1.44                    | 1.44                   | -0.12                 |  |
| 9,600.0               | 7.79            | 87.78       | 9,550.9               | -63.4        | 814.3        | 75.2                    | 0.44                    | 0.12                   | 3.12                  |  |
| 9,625.0               | 7.85            | 87.50       | 9,575.6               | -63.3        | 817.7        | 75.9                    | 0.28                    | 0.24                   | -1.12                 |  |
| 9,650.0               | 7.69            | 86.83       | 9,600.4               | -63.1        | 821.1        | 76.6                    | 0.74                    | -0.64                  | -2.68                 |  |
| 9,675.0               | 7.38            | 85.38       | 9,625.2               | -62.9        | 824.3        | 77.4                    | 1.45                    | -1.24                  | -5.80                 |  |
| 9,700.0               | 7.02            | 80.77       | 9,650.0               | -62.5        | 827.4        | 78.3                    | 2.72                    | -1.44                  | -18.44                |  |
| 9,725.0               | 6.67            | 77.38       | 9,674.8               | -61.9        | 830.4        | 79.3                    | 2.14                    | -1.40                  | -13.56                |  |
| 9,750.0               | 6.68            | 76.69       | 9,699.7               | -61.3        | 833.2        | 80.5                    | 0.32                    | 0.04                   | -2.76                 |  |
| 9,775.0               | 6.76            | 77.54       | 9,724.5               | -60.6        | 836.0        | 81.6                    | 0.51                    | 0.32                   | 3.40                  |  |
| 9,800.0               | 7.27            | 79.68       | 9,749.3               | -60.0        | 839.0        | 82.7                    | 2.29                    | 2.04                   | 8.56                  |  |
| 9,825.0               | 7.55            | 83.05       | 9,774.1               | -59.6        | 842.2        | 83.7                    | 2.07                    | 1.12                   | 13.48                 |  |
| 9,850.0               | 7.86            | 86.39       | 9,798.9               | -59.2        | 845.6        | 84.6                    | 2.18                    | 1.24                   | 13.36                 |  |
| 9,875.0               | 7.90            | 87.66       | 9,823.6               | -59.1        | 849.0        | 85.3                    | 0.71                    | 0.16                   | 5.08                  |  |
| 9,900.0               | 7.73            | 89.31       | 9,848.4               | -59.0        | 852.4        | 86.0                    | 1.13                    | -0.68                  | 6.60                  |  |
| 9,925.0               | 7.57            | 90.52       | 9,873.2               | -59.0        | 855.7        | 86.6                    | 0.91                    | -0.64                  | 4.84                  |  |
| 9,950.0               | 7.39            | 90.29       | 9,898.0               | -59.0        | 859.0        | 87.1                    | 0.73                    | -0.72                  | -0.92                 |  |
| 9,975.0               | 7.08            | 90.68       | 9,922.8               | -59.0        | 862.1        | 87.6                    | 1.26                    | -1.24                  | 1.56                  |  |
| 10,000.0              | 6.91            | 90.74       | 9,947.6               | -59.1        | 865.2        | 88.1                    | 0.68                    | -0.68                  | 0.24                  |  |
| 10,025.0              | 6.79            | 90.85       | 9,972.4               | -59.1        | 868.1        | 88.5                    | 0.48                    | -0.48                  | 0.44                  |  |
| 10,050.0              | 6.74            | 91.01       | 9,997.2               | -59.1        | 871.1        | 89.0                    | 0.21                    | -0.20                  | 0.64                  |  |
| 10,075.0              | 6.79            | 91.76       | 10,022.0              | -59.2        | 874.0        | 89.4                    | 0.41                    | 0.20                   | 3.00                  |  |
| 10,100.0              | 6.94            | 92.35       | 10,046.9              | -59.3        | 877.0        | 89.8                    | 0.66                    | 0.60                   | 2.36                  |  |
| 10,125.0              | 7.38            | 95.34       | 10,071.7              | -59.5        | 880.1        | 90.1                    | 2.31                    | 1.76                   | 11.96                 |  |
| 10,150.0              | 7.49            | 95.68       | 10,096.5              | -59.8        | 883.3        | 90.4                    | 0.47                    | 0.44                   | 1.36                  |  |
| 10,175.0              | 7.48            | 96.04       | 10,121.2              | -60.2        | 886.6        | 90.6                    | 0.19                    | -0.04                  | 1.44                  |  |

## Concho Resources LLC

## Survey Report

|                  |                                      |                                     |                                  |
|------------------|--------------------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>  | DELAWARE BASIN EAST                  | <b>Local Co-ordinate Reference:</b> | Well EIDER FEDERAL 206H          |
| <b>Project:</b>  | BULLDOG PROSPECT (NM-E)              | <b>TVD Reference:</b>               | KB=30' @ 3559.9usft (SCAN QUEST) |
| <b>Site:</b>     | EIDER FEDERAL PROJECT (BULLDOG 2434) | <b>MD Reference:</b>                | KB=30' @ 3559.9usft (SCAN QUEST) |
| <b>Well:</b>     | EIDER FEDERAL 206H                   | <b>North Reference:</b>             | Grid                             |
| <b>Wellbore:</b> | OWB                                  | <b>Survey Calculation Method:</b>   | Minimum Curvature                |
| <b>Design:</b>   | AWP                                  | <b>Database:</b>                    | edm                              |

| 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) |
| 10,200.0              | 7.41            | 97.02       | 10,146.0              | -60.5        | 889.8        | 90.8                    | 0.58                    | -0.28                  | 3.92                  |
| 10,225.0              | 7.18            | 99.73       | 10,170.8              | -61.0        | 892.9        | 90.8                    | 1.66                    | -0.92                  | 10.84                 |
| 10,250.0              | 7.09            | 100.24      | 10,195.6              | -61.5        | 896.0        | 90.8                    | 0.44                    | -0.36                  | 2.04                  |
| 10,275.0              | 7.06            | 100.89      | 10,220.4              | -62.1        | 899.0        | 90.8                    | 0.34                    | -0.12                  | 2.60                  |
| 10,300.0              | 7.19            | 100.67      | 10,245.3              | -62.7        | 902.1        | 90.7                    | 0.53                    | 0.52                   | -0.88                 |
| 10,325.0              | 7.15            | 100.79      | 10,270.1              | -63.3        | 905.1        | 90.7                    | 0.17                    | -0.16                  | 0.48                  |
| 10,350.0              | 6.99            | 101.22      | 10,294.9              | -63.9        | 908.2        | 90.6                    | 0.67                    | -0.64                  | 1.72                  |
| 10,375.0              | 6.74            | 100.33      | 10,319.7              | -64.4        | 911.1        | 90.5                    | 1.09                    | -1.00                  | -3.56                 |
| 10,400.0              | 6.68            | 100.01      | 10,344.5              | -64.9        | 914.0        | 90.5                    | 0.28                    | -0.24                  | -1.28                 |
| 10,425.0              | 6.62            | 99.52       | 10,369.4              | -65.4        | 916.8        | 90.5                    | 0.33                    | -0.24                  | -1.96                 |
| 10,450.0              | 6.37            | 98.44       | 10,394.2              | -65.9        | 919.6        | 90.6                    | 1.11                    | -1.00                  | -4.32                 |
| 10,475.0              | 6.39            | 97.84       | 10,419.0              | -66.3        | 922.4        | 90.6                    | 0.28                    | 0.08                   | -2.40                 |
| 10,500.0              | 6.29            | 99.23       | 10,443.9              | -66.7        | 925.1        | 90.7                    | 0.73                    | -0.40                  | 5.56                  |
| 10,525.0              | 6.59            | 96.11       | 10,468.7              | -67.0        | 927.9        | 90.8                    | 1.84                    | 1.20                   | -12.48                |
| 10,550.0              | 6.57            | 95.79       | 10,493.6              | -67.3        | 930.7        | 91.0                    | 0.17                    | -0.08                  | -1.28                 |
| 10,575.0              | 6.79            | 96.23       | 10,518.4              | -67.6        | 933.6        | 91.2                    | 0.90                    | 0.88                   | 1.76                  |
| 10,600.0              | 7.75            | 99.80       | 10,543.2              | -68.1        | 936.7        | 91.3                    | 4.24                    | 3.84                   | 14.28                 |
| 10,625.0              | 7.94            | 100.61      | 10,568.0              | -68.7        | 940.1        | 91.2                    | 0.88                    | 0.76                   | 3.24                  |
| 10,650.0              | 8.04            | 100.20      | 10,592.7              | -69.3        | 943.5        | 91.2                    | 0.46                    | 0.40                   | -1.64                 |
| 10,675.0              | 8.05            | 99.77       | 10,617.5              | -69.9        | 947.0        | 91.2                    | 0.24                    | 0.04                   | -1.72                 |
| 10,700.0              | 8.06            | 100.09      | 10,642.2              | -70.5        | 950.4        | 91.2                    | 0.18                    | 0.04                   | 1.28                  |
| 10,725.0              | 7.89            | 99.61       | 10,667.0              | -71.1        | 953.8        | 91.2                    | 0.73                    | -0.68                  | -1.92                 |
| 10,750.0              | 7.50            | 100.12      | 10,691.8              | -71.7        | 957.1        | 91.2                    | 1.58                    | -1.56                  | 2.04                  |
| 10,775.0              | 7.15            | 99.60       | 10,716.5              | -72.2        | 960.3        | 91.1                    | 1.42                    | -1.40                  | -2.08                 |
| 10,800.0              | 6.83            | 98.32       | 10,741.4              | -72.7        | 963.3        | 91.2                    | 1.42                    | -1.28                  | -5.12                 |
| 10,825.0              | 6.60            | 98.44       | 10,766.2              | -73.1        | 966.2        | 91.3                    | 0.92                    | -0.92                  | 0.48                  |
| 10,850.0              | 6.62            | 98.24       | 10,791.0              | -73.6        | 969.0        | 91.3                    | 0.12                    | 0.08                   | -0.80                 |
| 10,875.0              | 6.91            | 104.46      | 10,815.9              | -74.1        | 971.9        | 91.2                    | 3.15                    | 1.16                   | 24.88                 |
| 10,900.0              | 7.15            | 107.86      | 10,840.7              | -75.0        | 974.8        | 90.9                    | 1.92                    | 0.96                   | 13.60                 |
| 10,925.0              | 7.18            | 107.70      | 10,865.5              | -76.0        | 977.8        | 90.5                    | 0.14                    | 0.12                   | -0.64                 |
| 10,950.0              | 7.58            | 107.66      | 10,890.3              | -76.9        | 980.9        | 90.0                    | 1.60                    | 1.60                   | -0.16                 |
| 10,975.0              | 8.32            | 107.92      | 10,915.0              | -78.0        | 984.2        | 89.5                    | 2.96                    | 2.96                   | 1.04                  |
| 11,000.0              | 8.73            | 107.69      | 10,939.7              | -79.1        | 987.7        | 89.0                    | 1.65                    | 1.64                   | -0.92                 |
| 11,025.0              | 8.80            | 107.23      | 10,964.5              | -80.3        | 991.3        | 88.5                    | 0.40                    | 0.28                   | -1.84                 |
| 11,050.0              | 8.82            | 107.62      | 10,989.2              | -81.4        | 995.0        | 88.0                    | 0.25                    | 0.08                   | 1.56                  |
| 11,075.0              | 8.76            | 108.58      | 11,013.9              | -82.6        | 998.6        | 87.4                    | 0.63                    | -0.24                  | 3.84                  |
| 11,100.0              | 8.56            | 108.12      | 11,038.6              | -83.8        | 1,002.2      | 86.9                    | 0.85                    | -0.80                  | -1.84                 |
| 11,125.0              | 8.18            | 107.40      | 11,063.3              | -84.9        | 1,005.6      | 86.4                    | 1.58                    | -1.52                  | -2.88                 |
| 11,150.0              | 7.69            | 106.74      | 11,088.1              | -85.9        | 1,008.9      | 85.9                    | 1.99                    | -1.96                  | -2.64                 |
| 11,175.0              | 7.41            | 107.82      | 11,112.9              | -86.9        | 1,012.1      | 85.5                    | 1.26                    | -1.12                  | 4.32                  |
| 11,200.0              | 7.32            | 107.11      | 11,137.7              | -87.8        | 1,015.1      | 85.1                    | 0.51                    | -0.36                  | -2.84                 |
| 11,225.0              | 7.22            | 106.54      | 11,162.4              | -88.8        | 1,018.2      | 84.7                    | 0.49                    | -0.40                  | -2.28                 |
| 11,250.0              | 7.29            | 105.66      | 11,187.2              | -89.6        | 1,021.2      | 84.3                    | 0.53                    | 0.28                   | -3.52                 |

## Concho Resources LLC

## Survey Report

|                  |                                      |                                     |                                  |
|------------------|--------------------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>  | DELAWARE BASIN EAST                  | <b>Local Co-ordinate Reference:</b> | Well EIDER FEDERAL 206H          |
| <b>Project:</b>  | BULLDOG PROSPECT (NM-E)              | <b>TVD Reference:</b>               | KB=30' @ 3559.9usft (SCAN QUEST) |
| <b>Site:</b>     | EIDER FEDERAL PROJECT (BULLDOG 2434) | <b>MD Reference:</b>                | KB=30' @ 3559.9usft (SCAN QUEST) |
| <b>Well:</b>     | EIDER FEDERAL 206H                   | <b>North Reference:</b>             | Grid                             |
| <b>Wellbore:</b> | OWB                                  | <b>Survey Calculation Method:</b>   | Minimum Curvature                |
| <b>Design:</b>   | AWP                                  | <b>Database:</b>                    | edm                              |

| Survey                  |                 |             |                       |              |              |                         |                         |                        |                       |  |
|-------------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|--|
| Measured Depth (usft)   | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |  |
| 11,275.0                | 7.54            | 105.05      | 11,212.0              | -90.5        | 1,024.3      | 84.0                    | 1.05                    | 1.00                   | -2.44                 |  |
| 11,300.0                | 7.17            | 106.17      | 11,236.8              | -91.3        | 1,027.4      | 83.7                    | 1.59                    | -1.48                  | 4.48                  |  |
| 11,325.0                | 6.76            | 108.32      | 11,261.7              | -92.2        | 1,030.3      | 83.3                    | 1.94                    | -1.64                  | 8.60                  |  |
| 11,350.0                | 6.51            | 108.25      | 11,286.5              | -93.2        | 1,033.0      | 82.8                    | 1.00                    | -1.00                  | -0.28                 |  |
| 11,375.0                | 6.29            | 109.94      | 11,311.3              | -94.1        | 1,035.7      | 82.4                    | 1.16                    | -0.88                  | 6.76                  |  |
| 11,400.0                | 6.31            | 109.42      | 11,336.2              | -95.0        | 1,038.2      | 81.9                    | 0.24                    | 0.08                   | -2.08                 |  |
| 11,425.0                | 6.43            | 105.22      | 11,361.0              | -95.8        | 1,040.9      | 81.6                    | 1.92                    | 0.48                   | -16.80                |  |
| 11,450.0                | 7.05            | 101.41      | 11,385.8              | -96.5        | 1,043.7      | 81.4                    | 3.06                    | 2.48                   | -15.24                |  |
| 11,475.0                | 6.98            | 99.39       | 11,410.7              | -97.0        | 1,046.7      | 81.3                    | 1.03                    | -0.28                  | -8.08                 |  |
| 11,500.0                | 6.40            | 99.91       | 11,435.5              | -97.5        | 1,049.6      | 81.3                    | 2.33                    | -2.32                  | 2.08                  |  |
| 11,525.0                | 6.40            | 96.05       | 11,460.3              | -97.9        | 1,052.4      | 81.4                    | 1.72                    | 0.00                   | -15.44                |  |
| 11,550.0                | 6.28            | 94.95       | 11,485.2              | -98.2        | 1,055.1      | 81.6                    | 0.68                    | -0.48                  | -4.40                 |  |
| 11,575.0                | 6.18            | 93.62       | 11,510.0              | -98.4        | 1,057.8      | 81.9                    | 0.70                    | -0.40                  | -5.32                 |  |
| 11,600.0                | 5.82            | 93.59       | 11,534.9              | -98.5        | 1,060.4      | 82.2                    | 1.44                    | -1.44                  | -0.12                 |  |
| 11,625.0                | 5.83            | 93.78       | 11,559.8              | -98.7        | 1,063.0      | 82.4                    | 0.09                    | 0.04                   | 0.76                  |  |
| 11,650.0                | 5.52            | 93.28       | 11,584.6              | -98.9        | 1,065.4      | 82.7                    | 1.26                    | -1.24                  | -2.00                 |  |
| 11,675.0                | 5.42            | 96.05       | 11,609.5              | -99.0        | 1,067.8      | 82.9                    | 1.13                    | -0.40                  | 11.08                 |  |
| 11,700.0                | 5.34            | 95.75       | 11,634.4              | -99.3        | 1,070.1      | 83.1                    | 0.34                    | -0.32                  | -1.20                 |  |
| 11,725.0                | 5.20            | 97.44       | 11,659.3              | -99.6        | 1,072.4      | 83.2                    | 0.84                    | -0.56                  | 6.76                  |  |
| 11,750.0                | 5.06            | 97.85       | 11,684.2              | -99.8        | 1,074.6      | 83.3                    | 0.58                    | -0.56                  | 1.64                  |  |
| 11,765.0                | 4.85            | 97.75       | 11,699.2              | -100.0       | 1,075.9      | 83.3                    | 1.40                    | -1.40                  | -0.67                 |  |
| 11,875.0                | 3.39            | 93.08       | 11,808.9              | -100.8       | 1,083.8      | 83.9                    | 1.36                    | -1.33                  | -4.25                 |  |
| 11,924.8                | 5.57            | 65.48       | 11,858.5              | -99.9        | 1,087.4      | 85.4                    | 6.04                    | 4.38                   | -55.42                |  |
| <b>FTP @ 11924.8'MD</b> |                 |             |                       |              |              |                         |                         |                        |                       |  |
| 11,958.0                | 7.36            | 57.28       | 11,891.5              | -98.1        | 1,090.7      | 87.7                    | 6.04                    | 5.38                   | -24.70                |  |
| 12,005.0                | 16.02           | 50.87       | 11,937.5              | -92.4        | 1,098.3      | 94.7                    | 18.60                   | 18.43                  | -13.64                |  |
| 12,053.0                | 21.53           | 50.24       | 11,982.9              | -82.5        | 1,110.2      | 106.4                   | 11.49                   | 11.48                  | -1.31                 |  |
| 12,100.0                | 28.54           | 46.55       | 12,025.5              | -69.3        | 1,125.0      | 121.9                   | 15.27                   | 14.91                  | -7.85                 |  |
| 12,147.0                | 33.63           | 39.99       | 12,065.7              | -51.6        | 1,141.5      | 142.2                   | 12.99                   | 10.83                  | -13.96                |  |
| 12,194.0                | 38.98           | 29.92       | 12,103.6              | -28.7        | 1,157.3      | 167.3                   | 17.01                   | 11.38                  | -21.43                |  |
| 12,241.0                | 44.40           | 24.07       | 12,138.7              | -0.9         | 1,171.4      | 197.2                   | 14.19                   | 11.53                  | -12.45                |  |
| 12,288.0                | 48.14           | 20.23       | 12,171.2              | 30.6         | 1,184.2      | 230.3                   | 9.91                    | 7.96                   | -8.17                 |  |
| 12,335.0                | 53.54           | 20.38       | 12,200.9              | 64.7         | 1,196.8      | 266.1                   | 11.49                   | 11.49                  | 0.32                  |  |
| 12,382.0                | 54.69           | 19.71       | 12,228.4              | 100.5        | 1,209.8      | 303.6                   | 2.71                    | 2.45                   | -1.43                 |  |
| 12,429.0                | 59.46           | 18.45       | 12,254.0              | 137.8        | 1,222.7      | 342.5                   | 10.40                   | 10.15                  | -2.68                 |  |
| 12,492.0                | 60.91           | 16.94       | 12,285.3              | 189.8        | 1,239.3      | 396.7                   | 3.10                    | 2.30                   | -2.40                 |  |
| 12,523.0                | 66.11           | 15.39       | 12,299.1              | 216.5        | 1,247.0      | 424.2                   | 17.36                   | 16.77                  | -5.00                 |  |
| 12,570.0                | 69.16           | 13.71       | 12,317.0              | 258.6        | 1,258.0      | 467.5                   | 7.28                    | 6.49                   | -3.57                 |  |
| 12,617.0                | 75.75           | 11.01       | 12,331.2              | 302.3        | 1,267.5      | 512.3                   | 15.05                   | 14.02                  | -5.74                 |  |
| 12,665.0                | 79.23           | 10.04       | 12,341.6              | 348.4        | 1,276.1      | 559.1                   | 7.51                    | 7.25                   | -2.02                 |  |
| 12,712.0                | 83.35           | 9.65        | 12,348.7              | 394.1        | 1,284.0      | 605.6                   | 8.80                    | 8.77                   | -0.83                 |  |
| 12,760.0                | 84.35           | 9.55        | 12,353.8              | 441.2        | 1,292.0      | 653.3                   | 2.09                    | 2.08                   | -0.21                 |  |
| 12,807.0                | 90.76           | 11.55       | 12,355.8              | 487.3        | 1,300.6      | 700.2                   | 14.28                   | 13.64                  | 4.26                  |  |

## Concho Resources LLC

## Survey Report

|                  |                                      |                                     |                                  |
|------------------|--------------------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>  | DELAWARE BASIN EAST                  | <b>Local Co-ordinate Reference:</b> | Well EIDER FEDERAL 206H          |
| <b>Project:</b>  | BULLDOG PROSPECT (NM-E)              | <b>TVD Reference:</b>               | KB=30' @ 3559.9usft (SCAN QUEST) |
| <b>Site:</b>     | EIDER FEDERAL PROJECT (BULLDOG 2434) | <b>MD Reference:</b>                | KB=30' @ 3559.9usft (SCAN QUEST) |
| <b>Well:</b>     | EIDER FEDERAL 206H                   | <b>North Reference:</b>             | Grid                             |
| <b>Wellbore:</b> | OWB                                  | <b>Survey Calculation Method:</b>   | Minimum Curvature                |
| <b>Design:</b>   | AWP                                  | <b>Database:</b>                    | edm                              |

| 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) |
| 12,901.0              | 88.73           | 8.09        | 12,356.2              | 579.9        | 1,316.6      | 794.2                   | 4.27                    | -2.16                  | -3.68                 |
| 12,995.0              | 90.65           | 8.00        | 12,356.8              | 673.0        | 1,329.8      | 888.1                   | 2.04                    | 2.04                   | -0.10                 |
| 13,090.0              | 89.63           | 6.61        | 12,356.5              | 767.2        | 1,341.8      | 983.0                   | 1.81                    | -1.07                  | -1.46                 |
| 13,184.0              | 86.52           | 3.28        | 12,359.7              | 860.8        | 1,349.9      | 1,076.6                 | 4.85                    | -3.31                  | -3.54                 |
| 13,278.0              | 86.68           | 1.05        | 12,365.3              | 954.6        | 1,353.5      | 1,169.7                 | 2.37                    | 0.17                   | -2.37                 |
| 13,372.0              | 87.57           | 0.22        | 12,370.0              | 1,048.4      | 1,354.5      | 1,262.3                 | 1.29                    | 0.95                   | -0.88                 |
| 13,467.0              | 89.48           | 1.20        | 12,372.4              | 1,143.4      | 1,355.7      | 1,356.1                 | 2.26                    | 2.01                   | 1.03                  |
| 13,561.0              | 88.45           | 359.67      | 12,374.1              | 1,237.4      | 1,356.4      | 1,448.9                 | 1.96                    | -1.10                  | -1.63                 |
| 13,655.0              | 88.92           | 1.04        | 12,376.3              | 1,331.3      | 1,357.0      | 1,541.6                 | 1.54                    | 0.50                   | 1.46                  |
| 13,750.0              | 91.31           | 359.26      | 12,376.1              | 1,426.3      | 1,357.2      | 1,635.3                 | 3.14                    | 2.52                   | -1.87                 |
| 13,844.0              | 88.49           | 358.56      | 12,376.2              | 1,520.3      | 1,355.5      | 1,727.6                 | 3.09                    | -3.00                  | -0.74                 |
| 13,939.0              | 89.63           | 359.20      | 12,377.8              | 1,615.3      | 1,353.6      | 1,820.9                 | 1.38                    | 1.20                   | 0.67                  |
| 14,033.0              | 91.73           | 3.19        | 12,376.7              | 1,709.2      | 1,355.6      | 1,913.8                 | 4.80                    | 2.23                   | 4.24                  |
| 14,127.0              | 84.72           | 2.92        | 12,379.6              | 1,803.0      | 1,360.6      | 2,007.1                 | 7.46                    | -7.46                  | -0.29                 |
| 14,222.0              | 91.53           | 359.74      | 12,382.7              | 1,897.8      | 1,362.8      | 2,100.9                 | 7.91                    | 7.17                   | -3.35                 |
| 14,316.0              | 91.75           | 357.81      | 12,380.0              | 1,991.8      | 1,360.8      | 2,193.2                 | 2.07                    | 0.23                   | -2.05                 |
| 14,411.0              | 86.23           | 354.67      | 12,381.7              | 2,086.5      | 1,354.5      | 2,285.5                 | 6.68                    | -5.81                  | -3.31                 |
| 14,500.0              | 85.11           | 354.59      | 12,388.4              | 2,174.9      | 1,346.2      | 2,371.2                 | 1.26                    | -1.26                  | -0.09                 |
| 14,594.0              | 88.41           | 355.63      | 12,393.7              | 2,268.3      | 1,338.2      | 2,461.9                 | 3.68                    | 3.51                   | 1.11                  |
| 14,689.0              | 89.43           | 357.89      | 12,395.5              | 2,363.2      | 1,332.9      | 2,554.5                 | 2.61                    | 1.07                   | 2.38                  |
| 14,783.0              | 89.58           | 358.01      | 12,396.3              | 2,457.1      | 1,329.5      | 2,646.5                 | 0.20                    | 0.16                   | 0.13                  |
| 14,877.0              | 91.28           | 0.95        | 12,395.6              | 2,551.1      | 1,328.6      | 2,739.0                 | 3.61                    | 1.81                   | 3.13                  |
| 14,971.0              | 90.35           | 359.43      | 12,394.3              | 2,645.1      | 1,329.0      | 2,831.7                 | 1.90                    | -0.99                  | -1.62                 |
| 15,065.0              | 91.26           | 359.44      | 12,393.0              | 2,739.1      | 1,328.0      | 2,924.2                 | 0.97                    | 0.97                   | 0.01                  |
| 15,159.0              | 92.09           | 0.51        | 12,390.2              | 2,833.0      | 1,328.0      | 3,016.8                 | 1.44                    | 0.88                   | 1.14                  |
| 15,254.0              | 91.62           | 0.09        | 12,387.1              | 2,928.0      | 1,328.5      | 3,110.4                 | 0.66                    | -0.49                  | -0.44                 |
| 15,348.0              | 92.92           | 0.72        | 12,383.4              | 3,021.9      | 1,329.1      | 3,203.1                 | 1.54                    | 1.38                   | 0.67                  |
| 15,442.0              | 91.15           | 0.77        | 12,380.1              | 3,115.8      | 1,330.4      | 3,295.9                 | 1.88                    | -1.88                  | 0.05                  |
| 15,537.0              | 91.19           | 0.17        | 12,378.1              | 3,210.8      | 1,331.1      | 3,389.6                 | 0.63                    | 0.04                   | -0.63                 |
| 15,631.0              | 89.97           | 1.02        | 12,377.2              | 3,304.8      | 1,332.1      | 3,482.4                 | 1.58                    | -1.30                  | 0.90                  |
| 15,726.0              | 90.68           | 1.99        | 12,376.6              | 3,399.7      | 1,334.6      | 3,576.4                 | 1.27                    | 0.75                   | 1.02                  |
| 15,820.0              | 89.29           | 2.41        | 12,376.7              | 3,493.7      | 1,338.2      | 3,669.6                 | 1.54                    | -1.48                  | 0.45                  |
| 15,915.0              | 88.47           | 1.66        | 12,378.5              | 3,588.6      | 1,341.6      | 3,763.8                 | 1.17                    | -0.86                  | -0.79                 |
| 16,009.0              | 88.44           | 1.57        | 12,381.1              | 3,682.5      | 1,344.2      | 3,856.8                 | 0.10                    | -0.03                  | -0.10                 |
| 16,103.0              | 88.17           | 2.81        | 12,383.8              | 3,776.4      | 1,347.8      | 3,949.9                 | 1.35                    | -0.29                  | 1.32                  |
| 16,197.0              | 89.75           | 0.75        | 12,385.5              | 3,870.3      | 1,350.8      | 4,043.0                 | 2.76                    | 1.68                   | -2.19                 |
| 16,291.0              | 90.05           | 1.25        | 12,385.7              | 3,964.3      | 1,352.4      | 4,135.9                 | 0.62                    | 0.32                   | 0.53                  |
| 16,385.0              | 88.84           | 358.53      | 12,386.6              | 4,058.3      | 1,352.2      | 4,228.5                 | 3.17                    | -1.29                  | -2.89                 |
| 16,479.0              | 88.77           | 358.19      | 12,388.6              | 4,152.3      | 1,349.5      | 4,320.6                 | 0.37                    | -0.07                  | -0.36                 |
| 16,574.0              | 89.68           | 359.17      | 12,389.9              | 4,247.2      | 1,347.3      | 4,413.9                 | 1.41                    | 0.96                   | 1.03                  |
| 16,668.0              | 88.96           | 358.89      | 12,391.0              | 4,341.2      | 1,345.7      | 4,506.2                 | 0.82                    | -0.77                  | -0.30                 |
| 16,762.0              | 88.50           | 358.68      | 12,393.1              | 4,435.1      | 1,343.8      | 4,598.5                 | 0.54                    | -0.49                  | -0.22                 |
| 16,856.0              | 88.54           | 358.39      | 12,395.5              | 4,529.1      | 1,341.4      | 4,690.7                 | 0.31                    | 0.04                   | -0.31                 |
| 16,951.0              | 90.03           | 356.93      | 12,396.7              | 4,624.0      | 1,337.5      | 4,783.6                 | 2.20                    | 1.57                   | -1.54                 |

## Concho Resources LLC

## Survey Report

|                  |                                      |                                     |                                  |
|------------------|--------------------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>  | DELAWARE BASIN EAST                  | <b>Local Co-ordinate Reference:</b> | Well EIDER FEDERAL 206H          |
| <b>Project:</b>  | BULLDOG PROSPECT (NM-E)              | <b>TVD Reference:</b>               | KB=30' @ 3559.9usft (SCAN QUEST) |
| <b>Site:</b>     | EIDER FEDERAL PROJECT (BULLDOG 2434) | <b>MD Reference:</b>                | KB=30' @ 3559.9usft (SCAN QUEST) |
| <b>Well:</b>     | EIDER FEDERAL 206H                   | <b>North Reference:</b>             | Grid                             |
| <b>Wellbore:</b> | OWB                                  | <b>Survey Calculation Method:</b>   | Minimum Curvature                |
| <b>Design:</b>   | AWP                                  | <b>Database:</b>                    | edm                              |

## Survey

| Measured Depth (usft)   | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
|-------------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 17,045.0                | 87.79           | 355.09      | 12,398.5              | 4,717.7      | 1,330.9      | 4,874.8                 | 3.08                    | -2.38                  | -1.96                 |
| 17,139.0                | 86.66           | 357.98      | 12,403.0              | 4,811.4      | 1,325.3      | 4,966.2                 | 3.30                    | -1.20                  | 3.07                  |
| 17,232.0                | 88.07           | 358.19      | 12,407.3              | 4,904.3      | 1,322.2      | 5,057.2                 | 1.53                    | 1.52                   | 0.23                  |
| 17,327.0                | 91.24           | 359.32      | 12,407.9              | 4,999.3      | 1,320.1      | 5,150.5                 | 3.54                    | 3.34                   | 1.19                  |
| 17,421.0                | 89.09           | 358.67      | 12,407.6              | 5,093.2      | 1,318.4      | 5,242.8                 | 2.39                    | -2.29                  | -0.69                 |
| 17,515.0                | 89.80           | 357.94      | 12,408.5              | 5,187.2      | 1,315.7      | 5,335.0                 | 1.08                    | 0.76                   | -0.78                 |
| 17,609.0                | 91.77           | 355.60      | 12,407.2              | 5,281.0      | 1,310.4      | 5,426.5                 | 3.25                    | 2.10                   | -2.49                 |
| 17,704.0                | 93.31           | 356.08      | 12,403.0              | 5,375.7      | 1,303.5      | 5,518.7                 | 1.70                    | 1.62                   | 0.51                  |
| 17,798.0                | 91.17           | 358.91      | 12,399.3              | 5,469.5      | 1,299.4      | 5,610.4                 | 3.77                    | -2.28                  | 3.01                  |
| 17,892.0                | 90.96           | 1.29        | 12,397.6              | 5,563.5      | 1,299.5      | 5,703.1                 | 2.54                    | -0.22                  | 2.53                  |
| 17,986.0                | 90.09           | 0.27        | 12,396.7              | 5,657.5      | 1,300.8      | 5,795.9                 | 1.43                    | -0.93                  | -1.09                 |
| 18,080.0                | 90.55           | 0.52        | 12,396.2              | 5,751.5      | 1,301.5      | 5,888.7                 | 0.56                    | 0.49                   | 0.27                  |
| 18,174.0                | 92.81           | 2.32        | 12,393.4              | 5,845.4      | 1,303.8      | 5,981.7                 | 3.07                    | 2.40                   | 1.91                  |
| 18,269.0                | 92.25           | 1.89        | 12,389.3              | 5,940.2      | 1,307.3      | 6,075.7                 | 0.74                    | -0.59                  | -0.45                 |
| 18,364.0                | 91.87           | 2.43        | 12,385.8              | 6,035.1      | 1,310.9      | 6,169.8                 | 0.69                    | -0.40                  | 0.57                  |
| 18,458.0                | 92.57           | 2.31        | 12,382.2              | 6,128.9      | 1,314.7      | 6,263.0                 | 0.76                    | 0.74                   | -0.13                 |
| 18,552.0                | 95.83           | 3.33        | 12,375.3              | 6,222.6      | 1,319.4      | 6,356.0                 | 3.63                    | 3.47                   | 1.09                  |
| 18,646.0                | 91.27           | 0.74        | 12,369.5              | 6,316.3      | 1,322.7      | 6,449.0                 | 5.58                    | -4.85                  | -2.76                 |
| 18,740.0                | 89.19           | 0.01        | 12,369.1              | 6,410.3      | 1,323.3      | 6,541.7                 | 2.35                    | -2.21                  | -0.78                 |
| 18,835.0                | 90.10           | 359.85      | 12,369.7              | 6,505.3      | 1,323.2      | 6,635.3                 | 0.97                    | 0.96                   | -0.17                 |
| 18,929.0                | 88.95           | 0.71        | 12,370.5              | 6,599.3      | 1,323.6      | 6,728.1                 | 1.53                    | -1.22                  | 0.91                  |
| 19,023.0                | 91.12           | 2.32        | 12,370.4              | 6,693.2      | 1,326.1      | 6,821.1                 | 2.87                    | 2.31                   | 1.71                  |
| 19,117.0                | 86.36           | 1.99        | 12,372.5              | 6,787.1      | 1,329.7      | 6,914.2                 | 5.08                    | -5.06                  | -0.35                 |
| 19,211.0                | 89.38           | 1.01        | 12,376.0              | 6,881.0      | 1,332.1      | 7,007.2                 | 3.38                    | 3.21                   | -1.04                 |
| 19,305.0                | 89.03           | 359.83      | 12,377.3              | 6,975.0      | 1,332.8      | 7,099.9                 | 1.31                    | -0.37                  | -1.26                 |
| 19,399.0                | 90.51           | 0.88        | 12,377.7              | 7,069.0      | 1,333.4      | 7,192.7                 | 1.93                    | 1.57                   | 1.12                  |
| 19,493.0                | 89.12           | 359.34      | 12,378.0              | 7,163.0      | 1,333.6      | 7,285.3                 | 2.21                    | -1.48                  | -1.64                 |
| 19,588.0                | 88.17           | 358.16      | 12,380.2              | 7,257.9      | 1,331.5      | 7,378.6                 | 1.59                    | -1.00                  | -1.24                 |
| 19,682.0                | 88.15           | 357.51      | 12,383.2              | 7,351.8      | 1,327.9      | 7,470.5                 | 0.69                    | -0.02                  | -0.69                 |
| 19,776.0                | 89.16           | 357.35      | 12,385.4              | 7,445.7      | 1,323.7      | 7,562.3                 | 1.09                    | 1.07                   | -0.17                 |
| 19,870.0                | 90.45           | 357.45      | 12,385.8              | 7,539.6      | 1,319.5      | 7,654.1                 | 1.38                    | 1.37                   | 0.11                  |
| 19,943.0                | 91.52           | 357.72      | 12,384.5              | 7,612.5      | 1,316.4      | 7,725.5                 | 1.51                    | 1.47                   | 0.37                  |
| <b>LAST MWD</b>         |                 |             |                       |              |              |                         |                         |                        |                       |
| 19,955.5                | 91.52           | 357.72      | 12,384.2              | 7,625.0      | 1,315.9      | 7,737.7                 | 0.00                    | 0.00                   | 0.00                  |
| <b>LTP @ 19955.5'MD</b> |                 |             |                       |              |              |                         |                         |                        |                       |
| 20,003.0                | 91.52           | 357.72      | 12,382.9              | 7,672.4      | 1,314.0      | 7,784.1                 | 0.00                    | 0.00                   | 0.00                  |
| <b>PTD @ 20003'MD</b>   |                 |             |                       |              |              |                         |                         |                        |                       |

## Concho Resources LLC

## Survey Report

|                  |                                      |                                     |                                  |
|------------------|--------------------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>  | DELAWARE BASIN EAST                  | <b>Local Co-ordinate Reference:</b> | Well EIDER FEDERAL 206H          |
| <b>Project:</b>  | BULLDOG PROSPECT (NM-E)              | <b>TVD Reference:</b>               | KB=30' @ 3559.9usft (SCAN QUEST) |
| <b>Site:</b>     | EIDER FEDERAL PROJECT (BULLDOG 2434) | <b>MD Reference:</b>                | KB=30' @ 3559.9usft (SCAN QUEST) |
| <b>Well:</b>     | EIDER FEDERAL 206H                   | <b>North Reference:</b>             | Grid                             |
| <b>Wellbore:</b> | OWB                                  | <b>Survey Calculation Method:</b>   | Minimum Curvature                |
| <b>Design:</b>   | AWP                                  | <b>Database:</b>                    | edm                              |

## Design Targets

## Target Name

| - hit/miss target                                                                                                                                                        | Dip Angle | Dip Dir. | TVD      | +N/-S   | +E/-W   | Northing   | Easting    | Latitude         | Longitude         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------|----------|---------|---------|------------|------------|------------------|-------------------|
| - Shape                                                                                                                                                                  | (°)       | (°)      | (usft)   | (usft)  | (usft)  | (usft)     | (usft)     |                  |                   |
| PBHL (EIDER FEDEF<br>- actual wellpath misses target center by 12.6usft at 20003.0usft MD (12382.9 TVD, 7672.4 N, 1314.0 E)<br>- Rectangle (sides W100.0 H5,238.0 D20.0) | -0.04     | 179.71   | 12,395.0 | 7,675.1 | 1,316.6 | 432,938.40 | 714,727.00 | 32° 11' 18.096 N | 103° 38' 21.258 W |
| LTP (EIDER FEDERA<br>- actual wellpath misses target center by 11.9usft at 19955.3usft MD (12384.2 TVD, 7624.7 N, 1315.9 E)<br>- Point                                   | 0.00      | 0.01     | 12,396.0 | 7,625.1 | 1,316.9 | 432,888.40 | 714,727.30 | 32° 11' 17.601 N | 103° 38' 21.259 W |
| FTP (EIDER FEDERA<br>- actual wellpath misses target center by 300.2usft at 12372.8usft MD (12223.1 TVD, 93.5 N, 1207.3 E)<br>- Circle (radius 50.0)                     | 0.00      | 0.00     | 12,401.0 | -97.6   | 1,355.5 | 425,165.70 | 714,765.90 | 32° 10' 1.177 N  | 103° 38' 21.389 W |

## Design Annotations

| Measured Depth (usft) | Vertical Depth (usft) | Local Coordinates |              | Comment          |
|-----------------------|-----------------------|-------------------|--------------|------------------|
|                       |                       | +N/-S (usft)      | +E/-W (usft) |                  |
| 11,924.8              | 11,858.5              | -99.9             | 1,087.4      | FTP @ 11924.8'MD |
| 19,943.0              | 12,384.5              | 7,612.5           | 1,316.4      | LAST MWD         |
| 19,955.5              | 12,384.2              | 7,625.0           | 1,315.9      | LTP @ 19955.5'MD |
| 20,003.0              | 12,382.9              | 7,672.4           | 1,314.0      | PTD @ 20003'MD   |

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

| Well Name     | Well Number | Top MD  | Form Alias |
|---------------|-------------|---------|------------|
| EIDER FEDERAL | 206H        | 971.42  | RSLR       |
| EIDER FEDERAL | 206H        | 1298.9  | TOS        |
| EIDER FEDERAL | 206H        | 4563.92 | BOS        |
| EIDER FEDERAL | 206H        | 4883.86 | LMAR       |
| EIDER FEDERAL | 206H        | 5850.11 | CYCN       |
| EIDER FEDERAL | 206H        | 7233.08 | BYCN       |
| EIDER FEDERAL | 206H        | 8872.25 | BSGL       |
| EIDER FEDERAL | 206H        | 9975.37 | FBSG       |
| EIDER FEDERAL | 206H        | 10516.5 | SBSG       |
| EIDER FEDERAL | 206H        | 11874.7 | TBSG       |
| EIDER FEDERAL | 206H        | 12402.1 | WFMP       |

Form 3160-5  
(June 2015)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.**5. Lease Serial No.  
NMNM120907

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other8. Well Name and No.  
EIDER FEDERAL 206H2. Name of Operator  
COG PRODUCTION LLCContact: AMANDA AVERY  
E-Mail: aavery@concho.com9. API Well No.  
30-025-44880-00-X13a. Address  
2208 W MAIN STREET  
ARTESIA, NM 882103b. Phone No. (include area code)  
Ph: 575-748-694010. Field and Pool or Exploratory Area  
WC025G09S253309P-UP WOLFCAMP

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 35 T24S R32E SWSE 210FSL 2230FEL  
32.167412 N Lat, 103.644127 W Lon

11. County or Parish, State

LEA COUNTY, NM

## 12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION                                    | TYPE OF ACTION                                |                                               |                                                    |                                           |
|-------------------------------------------------------|-----------------------------------------------|-----------------------------------------------|----------------------------------------------------|-------------------------------------------|
| <input type="checkbox"/> Notice of Intent             | <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen               | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off   |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Hydraulic Fracturing | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity   |
| <input type="checkbox"/> Final Abandonment Notice     | <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction     | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other |
|                                                       | <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon     | <input type="checkbox"/> Temporarily Abandon       | Hydraulic Fracture                        |
|                                                       | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back            | <input type="checkbox"/> Water Disposal            |                                           |

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

Request for OCD extension of time to file BLM approved Form 3160-4

9/25/20 Test annulus to 1500# Set CBP @ 19,915' and test csg to 11,200#. Good test.

10/16/20 to 10/31/20 Perf 12,575-19,890' (1110). Acdz w/ 37,296 gal 7 1/2%; frac w/18,595,577# sand &amp; 14,871,948 gal fluid.

11/7/20 to 11/8/20 Drilled out CFP's. Clean down to PBTD @ 19,901'.

11/9/20 to 11/10/20 Set 2 7/8" 6.5# L-80 tbg @ 11,543' packer @ 11,533'. Installed gas lift system.

11/25/20 Began flowing back &amp; testing and date of first production

KZ

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #539985 verified by the BLM Well Information System  
For COG PRODUCTION LLC, sent to the Hobbs  
Committed to AFMSS for processing by PRISCILLA PEREZ on 12/09/2020 (21PP0797SE)

Name (Printed/Typed) AMANDA AVERY

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 12/08/2020

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**Approved By **ACCEPTED**JONATHON SHEPARD  
Title PETROELUM ENGINEER

Date 12/10/2020

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office Hobbs

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

**Revisions to Operator-Submitted EC Data for Sundry Notice #539985**

|                | <b>Operator Submitted</b>                                                               | <b>BLM Revised (AFMSS)</b>                                                                      |
|----------------|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| Sundry Type:   | HF<br>SR                                                                                | HF<br>SR                                                                                        |
| Lease:         | NMNM120907                                                                              | NMNM120907                                                                                      |
| Agreement:     |                                                                                         |                                                                                                 |
| Operator:      | COG OPERATING LLC<br>2208 W MAIN STREET<br>ARTESIA, NM 88210<br>Ph: 575-748-6940        | COG PRODUCTION LLC<br>2208 W MAIN STREET<br>ARTESIA, NM 88210<br>Ph: 575.748.6940               |
| Admin Contact: | AMANDA AVERY<br>REGULATORY ANALYST<br>E-Mail: aavery@concho.com<br><br>Ph: 575-748-6940 | AMANDA AVERY<br>REGULATORY ANALYST<br>E-Mail: aavery@concho.com<br><br>Ph: 575-748-6940         |
| Tech Contact:  | AMANDA AVERY<br>REGULATORY ANALYST<br>E-Mail: aavery@concho.com<br><br>Ph: 575-748-6940 | AMANDA AVERY<br>REGULATORY ANALYST<br>E-Mail: aavery@concho.com<br><br>Ph: 575-748-6940         |
| Location:      |                                                                                         |                                                                                                 |
| State:         | NM                                                                                      | NM                                                                                              |
| County:        | LEA                                                                                     | LEA                                                                                             |
| Field/Pool:    | UPPER WOLFCAMP                                                                          | WC025G09S253309P-UP WOLFCAMP                                                                    |
| Well/Facility: | EIDER FEDERAL 206H<br>Sec 35 T24S R32E Mer NMP 210FSL 2260FEL                           | EIDER FEDERAL 206H<br>Sec 35 T24S R32E SWSE 210FSL 2230FEL<br>32.167412 N Lat, 103.644127 W Lon |

Form 3160-4  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
NMNM120907

|                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                     |  |                                                                                                                       |  |                                                                                                                                                                                                                                                                                                                              |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other<br>b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr.<br>Other _____                                  |  |                                     |  |                                                                                                                       |  | 6. If Indian, Allottee or Tribe Name                                                                                                                                                                                                                                                                                         |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                     |  |                                                                                                                       |  | 7. Unit or CA Agreement Name and No.                                                                                                                                                                                                                                                                                         |  |
| 2. Name of Operator<br>COG PRODUCTION LLC                      Contact: AMANDA AVERY<br>E-Mail: aaavery@concho.com                                                                                                                                                                                                                                                                                                            |  |                                     |  |                                                                                                                       |  | 8. Lease Name and Well No.<br>EIDER FEDERAL 206H                                                                                                                                                                                                                                                                             |  |
| 3. Address    2208 W MAIN STREET<br>ARTESIA, NM 88210                                                                                                                                                                                                                                                                                                                                                                         |  |                                     |  | 3a. Phone No. (include area code)<br>Ph: 575-748-6940                                                                 |  | 9. API Well No.<br><br>30-025-44880-00-S1                                                                                                                                                                                                                                                                                    |  |
| 4. Location of Well (Report location clearly and in accordance with Federal requirements)*<br>At surface    Sec 35 T24S R32E Mer NMP SESE 210FSL 2230FEL 32.167410 N Lat, 103.644130 W Lon<br>Sec 35 T24S R32E Mer NMP<br>At top prod interval reported below    SESE 210FSL 2230FEL 32.167410 N Lat, 103.644130 W Lon<br>Sec 26 T24S R32E Mer NMP<br>At total depth    SESE 2587FSL 878FEL 32.188477 N Lat, 103.639725 W Lon |  |                                     |  |                                                                                                                       |  | 10. Field and Pool, or Exploratory<br>WC025G09S253309P-UP WOLFCAM                                                                                                                                                                                                                                                            |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                     |  |                                                                                                                       |  | UNKNOWN                                                                                                                                                                                                                                                                                                                      |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                     |  |                                                                                                                       |  | 11. Sec., T., R., M., or Block and Survey<br>or Area    Sec 35 T24S R32E Mer NMP                                                                                                                                                                                                                                             |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                     |  |                                                                                                                       |  | 12. County or Parish    LEA    13. State<br>NM                                                                                                                                                                                                                                                                               |  |
| 14. Date Spudded<br>06/26/2020                                                                                                                                                                                                                                                                                                                                                                                                |  | 15. Date T.D. Reached<br>08/02/2020 |  | 16. Date Completed<br><input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.<br>11/14/2020 |  | 17. Elevations (DF, KB, RT, GL)*<br>3530 GL                                                                                                                                                                                                                                                                                  |  |
| 18. Total Depth:                                                                                                                                                                                                                                                                                                                                                                                                              |  | MD    20003<br>TVD    12383         |  | 19. Plug Back T.D.:                                                                                                   |  | MD    19901<br>TVD    12383                                                                                                                                                                                                                                                                                                  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                     |  |                                                                                                                       |  | 20. Depth Bridge Plug Set:                                                                                                                                                                                                                                                                                                   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                     |  |                                                                                                                       |  | MD    19915<br>TVD    12383                                                                                                                                                                                                                                                                                                  |  |
| 21. Type Electric & Other Mechanical Logs Run (Submit copy of each)                                                                                                                                                                                                                                                                                                                                                           |  |                                     |  |                                                                                                                       |  | 22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)<br>Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)<br>Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit analysis) |  |

## 23. Casing and Liner Record (Report all strings set in well)

[illegible]

## 24. Tubing Record

|       |                |                   |      |                |                   |      |                |                   |
|-------|----------------|-------------------|------|----------------|-------------------|------|----------------|-------------------|
| Size  | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) |
| 2.875 | 11543          | 11533             |      |                |                   |      |                |                   |

## 25. Producing Intervals

| Perforating Interval |       |        | Perforation Notes   |      |           |              |
|----------------------|-------|--------|---------------------|------|-----------|--------------|
| Formation            | Top   | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
| A) UPR WOLFCAMP      |       |        | 12575 TO 19890      |      |           | OPEN         |
| B) WOLFCAMP          | 12575 | 19890  |                     |      |           |              |
| C)                   |       |        |                     |      |           |              |
| D)                   |       |        |                     |      |           |              |

## 26. Perforation Record

| Perforating Interval |       |        | Perforation Notes   |      |           |              |
|----------------------|-------|--------|---------------------|------|-----------|--------------|
| Formation            | Top   | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
| A) UPR WOLFCAMP      |       |        | 12575 TO 19890      |      |           | OPEN         |
| B) WOLFCAMP          | 12575 | 19890  |                     |      |           |              |
| C)                   |       |        |                     |      |           |              |
| D)                   |       |        |                     |      |           |              |

## 27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

| Depth Interval | Amount and Type of Material                           |
|----------------|-------------------------------------------------------|
| 12575 TO 19890 | 37,296 7 1/2%; 18,595,577# SAND; 14,871,948 GAL FLUID |
|                |                                                       |
|                |                                                       |
|                |                                                       |

### 28. Production - Interval A

|                                   |                                 |                       |                                                                                                        |                 |                  |                     |                          |                    |                               |
|-----------------------------------|---------------------------------|-----------------------|--------------------------------------------------------------------------------------------------------|-----------------|------------------|---------------------|--------------------------|--------------------|-------------------------------|
| Date First Produced<br>11/25/2020 | Test Date<br>11/25/2020         | Hours Tested<br>24    | Test Production<br> | Oil BBL<br>32.0 | Gas MCF<br>112.0 | Water BBL<br>1196.0 | Oil Gravity<br>Corr. API | Gas Gravity        | Production Method<br>GAS LIFT |
| Choke Size<br>14/64               | Tbg. Press.<br>Flwg. 4000<br>SI | Csg. Press.<br>4600.0 | 24 Hr. Rate<br>     | Oil BBL<br>32   | Gas MCF<br>112   | Water BBL<br>1196   | Gas:Oil Ratio<br>4       | Well Status<br>POW |                               |

28a. Production - Interval B

|                     |                           |                    |                                                                                                 |            |             |                |                       |             |                   |
|---------------------|---------------------------|--------------------|-------------------------------------------------------------------------------------------------|------------|-------------|----------------|-----------------------|-------------|-------------------|
| Date First Produced | Test Date                 | Hours Tested       | Test Production                                                                                 | Oil BBL    | Gas MCF     | Water BBL      | Oil Gravity Corr. API | Gas Gravity | Production Method |
| 11/25/2020          | 11/25/2020                | 24                 | —            | 32.0       | 112.0       | 1196.0         |                       |             | GAS LIFT          |
| Choke Size          | Tbg. Press. Flwg. 4000 SI | Csg. Press. 4600.0 | 24 Hr. Rate  | Oil BBL 32 | Gas MCF 112 | Water BBL 1196 | Gas:Oil Ratio         | Well Status |                   |
| 14/64               |                           |                    |                                                                                                 |            |             |                |                       | POW         |                   |

(See Instructions and spaces for additional data on reverse side)

**ELECTRONIC SUBMISSION #540410 VERIFIED BY THE BLM WELL INFORMATION SYSTEM**

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

## 28b. Production - Interval C

| Date First Produced | Test Date                  | Hours Tested | Test Production<br>→ | Oil BBL | Gas MCF | Water BBL | Oil Gravity<br>Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------------|--------------|----------------------|---------|---------|-----------|--------------------------|-------------|-------------------|
| Choke Size          | Tbg. Press.<br>Flwg.<br>SI | Csg. Press.  | 24 Hr.<br>Rate<br>→  | Oil BBL | Gas MCF | Water BBL | Gas:Oil<br>Ratio         | Well Status |                   |

## 28c. Production - Interval D

| Date First Produced | Test Date                  | Hours Tested | Test Production<br>→ | Oil BBL | Gas MCF | Water BBL | Oil Gravity<br>Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------------|--------------|----------------------|---------|---------|-----------|--------------------------|-------------|-------------------|
| Choke Size          | Tbg. Press.<br>Flwg.<br>SI | Csg. Press.  | 24 Hr.<br>Rate<br>→  | Oil BBL | Gas MCF | Water BBL | Gas:Oil<br>Ratio         | Well Status |                   |

## 29. Disposition of Gas(Sold, used for fuel, vented, etc.)

SOLD

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

| Formation       | Top  | Bottom | Descriptions, Contents, etc. | Name            | Top<br>Meas. Depth |
|-----------------|------|--------|------------------------------|-----------------|--------------------|
| RUSTLER         | 971  |        |                              | RUSTLER         | 971                |
| TOP OF SALT     | 1299 |        |                              | TOP OF SALT     | 1299               |
| BASE OF SALT    | 4564 |        |                              | BASE OF SALT    | 4564               |
| LAMAR           | 4884 |        |                              | LAMAR           | 4884               |
| CHERRY CANYON   | 5850 |        |                              | CHERRY CANYON   | 5850               |
| BRUSHY CANYON   | 7233 |        |                              | BRUSHY CANYON   | 7233               |
| BONE SPRING 2ND | 8872 |        |                              | BONE SPRING 2ND | 8872               |
| BONE SPRING 1ST | 9975 |        |                              | BONE SPRING 1ST | 9975               |

## 32. Additional remarks (include plugging procedure):

SECOND BONE SPRING 10517  
THIRD BONE SPRING 11875  
WOLFCAMP 12402

## 33. Circle enclosed attachments:

- Electrical/Mechanical Logs (1 full set req'd.)
- Geologic Report
- DST Report
- Directional Survey
- Sundry Notice for plugging and cement verification
- Core Analysis
- Other:

## 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #540410 Verified by the BLM Well Information System.

For COG PRODUCTION LLC, sent to the Hobbs

Committed to AFMSS for processing by DEBORAH HAM on 12/12/2020 (21DMH0042SE)

Name (please print) AMANDA AVERYTitle REGULATORY ANALYST

Signature \_\_\_\_\_ (Electronic Submission)

Date 12/10/2020

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\*

## Revisions to Operator-Submitted EC Data for Well Completion #540410

|                                                       | Operator Submitted                                                                                                                | BLM Revised (AFMSS)                                                                                                     |
|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Lease:                                                | NMNM120907                                                                                                                        | NMNM120907                                                                                                              |
| Agreement:                                            |                                                                                                                                   |                                                                                                                         |
| Operator:                                             | COG OPERATING LLC<br>2208 W MAIN STREET<br>ARTESIA, NM 88210<br>Ph: 575-748-6940                                                  | COG PRODUCTION LLC<br>2208 W MAIN STREET<br>ARTESIA, NM 88210<br>Ph: 575.748.6940                                       |
| Admin Contact:                                        | AMANDA AVERY<br>REGULATORY ANALYST<br>E-Mail: aavery@concho.com<br><br>Ph: 575-748-6940                                           | AMANDA AVERY<br>REGULATORY ANALYST<br>E-Mail: aavery@concho.com<br><br>Ph: 575-748-6940                                 |
| Tech Contact:                                         | AMANDA AVERY<br>REGULATORY ANALYST<br>E-Mail: aavery@concho.com<br><br>Ph: 575-748-6940                                           | AMANDA AVERY<br>REGULATORY ANALYST<br>E-Mail: aavery@concho.com<br><br>Ph: 575-748-6940                                 |
| Well Name:<br>Number:                                 | EIDER FEDERAL<br>206H                                                                                                             | EIDER FEDERAL<br>206H                                                                                                   |
| Location:<br>State:<br>County:<br>S/T/R:<br>Surf Loc: | NM<br>LEA<br>Sec 35 T24S R32E Mer NMP<br>SESE Lot O 210FSL 2230FEL 32.167410 N Lat, 103.644130 W Lon                              | NM<br>LEA<br>Sec 35 T24S R32E Mer NMP<br>SESE Lot O 210FSL 2230FEL 32.167410 N Lat, 103.644130 W Lon                    |
| Field/Pool:                                           | WC-025 G-09 S253309P; WC                                                                                                          | WC025G09S253309P-UP WOLFCAMP                                                                                            |
| Logs Run:                                             |                                                                                                                                   |                                                                                                                         |
| Producing Intervals - Formations:                     | WOLFCAMP                                                                                                                          | UPR WOLFCAMP<br>WOLFCAMP                                                                                                |
| Porous Zones:                                         | RUSTLER<br>TOP OF SALT<br>BOTTOM OF SALT<br>LAMAR<br>CHERRY CANYON<br>BRUSHY CANYON<br>BONE SPRING LIMESTONE<br>FIRST BONE SPRING | RUSTLER<br>TOP OF SALT<br>BASE OF SALT<br>LAMAR<br>CHERRY CANYON<br>BRUSHY CANYON<br>BONE SPRING 2ND<br>BONE SPRING 1ST |
| Markers:                                              | RUSTLER<br>TOP OF SALT<br>BOTTOM OF SALT<br>LAMAR<br>CHERRY CANYON<br>BRUSHY CANYON<br>BONE SPRING LIMESTONE<br>FIRST BONE SPRING | RUSTLER<br>TOP OF SALT<br>BASE OF SALT<br>LAMAR<br>CHERRY CANYON<br>BRUSHY CANYON<br>BONE SPRING 2ND<br>BONE SPRING 1ST |

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS  
  
Action 13977

CONDITIONS OF APPROVAL

|              |                   |                    |                  |        |        |                |       |              |       |
|--------------|-------------------|--------------------|------------------|--------|--------|----------------|-------|--------------|-------|
| Operator:    | COG OPERATING LLC | 600 W Illinois Ave | Midland, TX79701 | OGRID: | 229137 | Action Number: | 13977 | Action Type: | C-105 |
| OCD Reviewer | Condition         |                    |                  |        |        |                |       |              |       |
| plmartinez   | None              |                    |                  |        |        |                |       |              |       |

Form 3160-5  
(June 2015)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.****SUBMIT IN TRIPLICATE - Other instructions on page 2**

|                                                                                                                                                         |                                                       |                                                                        |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|------------------------------------------------------------------------|
| 1. Type of Well<br><input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other                        |                                                       | 5. Lease Serial No.<br>NMNM120907                                      |
| 2. Name of Operator<br>COG PRODUCTION LLC                                                                                                               |                                                       | 6. If Indian, Allottee or Tribe Name                                   |
| Contact: AMANDA AVERY<br>E-Mail: aaavery@concho.com                                                                                                     |                                                       | 7. If Unit or CA/Agreement, Name and/or No.                            |
| 3a. Address<br>2208 W MAIN STREET<br>ARTESIA, NM 88210                                                                                                  | 3b. Phone No. (include area code)<br>Ph: 575-748-6940 | 8. Well Name and No.<br>EIDER FEDERAL 206H                             |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)<br><br>Sec 35 T24S R32E SWSE 210FSL 2230FEL<br>32.167412 N Lat, 103.644127 W Lon |                                                       | 9. API Well No.<br>30-025-44880-00-X1                                  |
|                                                                                                                                                         |                                                       | 10. Field and Pool or Exploratory Area<br>WC025G09S253309P-UP WOLFCAMP |
|                                                                                                                                                         |                                                       | 11. County or Parish, State<br>LEA COUNTY, NM                          |

## 12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION                                    | TYPE OF ACTION                                |                                               |                                                    |                                           |  |
|-------------------------------------------------------|-----------------------------------------------|-----------------------------------------------|----------------------------------------------------|-------------------------------------------|--|
| <input type="checkbox"/> Notice of Intent             | <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen               | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off   |  |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Hydraulic Fracturing | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity   |  |
| <input type="checkbox"/> Final Abandonment Notice     | <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction     | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other |  |
|                                                       | <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon     | <input type="checkbox"/> Temporarily Abandon       | Drilling Operations                       |  |
|                                                       | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back            | <input type="checkbox"/> Water Disposal            |                                           |  |

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

6/26/20 Spud well.

6/27/20 TD 14 3/4" surface hole @ 1028'. Set 10 3/4" 45.5# J-55 BTC csg @ 1028'. Cmt w/532 sx lead. Tailed in w/178 sx. Circ 162 sx to surface. WOC 9 hrs. Suspend operations.

7/11/20 Resume operations. Test BOP. Test csg to 1500# for 30 minutes.

7/22/20 TD 8 3/4" vertical @ 11875'. Set 7 5/8" 29.7# P110 csg @ 11875. Cmt w/1462 sx lead. Tailed in w/250 sx. Circ 630 sx to surface. WOC 12 hrs. Test csg to 1500# for 30 minutes.

9/12/20 TD 6 3/4" lateral @ 20,003'. (KOP 11870). Set 5 1/2" 23# P110 csg @ 19,945'. Cmt w/ 750 sx lead cmt. Tailed in w/ 1100 sx. Circ 178 sx to surface.

KZ

|                                                                                                                                                                                                                                                                                                |                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| 14. I hereby certify that the foregoing is true and correct.<br><b>Electronic Submission #532270 verified by the BLM Well Information System</b><br><b>For COG PRODUCTION LLC, sent to the Hobbs</b><br><b>Committed to AFMSS for processing by PRISCILLA PEREZ on 10/05/2020 (21PP0050SE)</b> |                          |
| Name (Printed/Typed) AMANDA AVERY                                                                                                                                                                                                                                                              | Title REGULATORY ANALYST |
| Signature (Electronic Submission)                                                                                                                                                                                                                                                              | Date 09/30/2020          |

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

|                                                                                                                                                                                                                                                           |                                              |                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|-----------------|
| Approved By <b>ACCEPTED</b>                                                                                                                                                                                                                               | JONATHON SHEPARD<br>Title PETROELUM ENGINEER | Date 10/21/2020 |
| Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. |                                              | Office Hobbs    |

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(Instructions on page 2)

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

**Additional data for EC transaction #532270 that would not fit on the form**

**32. Additional remarks, continued**

9/15/20 Released Rig.

**Revisions to Operator-Submitted EC Data for Sundry Notice #532270**

|                | <b>Operator Submitted</b>                                                                               | <b>BLM Revised (AFMSS)</b>                                                                      |
|----------------|---------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| Sundry Type:   | DRG<br>SR                                                                                               | DRG<br>SR                                                                                       |
| Lease:         | NMNM120907                                                                                              | NMNM120907                                                                                      |
| Agreement:     |                                                                                                         |                                                                                                 |
| Operator:      | COG OPERATING LLC<br>2208 W MAIN STREET<br>ARTESIA, NM 88210<br>Ph: 575-748-6940                        | COG PRODUCTION LLC<br>2208 W MAIN STREET<br>ARTESIA, NM 88210<br>Ph: 575.748.6940               |
| Admin Contact: | AMANDA AVERY<br>REGULATORY ANALYST<br>E-Mail: aavery@concho.com<br><br>Ph: 575-748-6940                 | AMANDA AVERY<br>REGULATORY ANALYST<br>E-Mail: aavery@concho.com<br><br>Ph: 575-748-6940         |
| Tech Contact:  | AMANDA AVERY<br>REGULATORY ANALYST<br>E-Mail: aavery@concho.com<br><br>Ph: 575-748-6940                 | AMANDA AVERY<br>REGULATORY ANALYST<br>E-Mail: aavery@concho.com<br><br>Ph: 575-748-6940         |
| Location:      |                                                                                                         |                                                                                                 |
| State:         | NM                                                                                                      | NM                                                                                              |
| County:        | LEA                                                                                                     | LEA                                                                                             |
| Field/Pool:    | WC-025 G-09 S253309P                                                                                    | WC025G09S253309P-UP WOLFCAMP                                                                    |
| Well/Facility: | EIDER FEDERAL 206H<br>Sec 35 T24S R32E Mer NMP SWSE 210FSL 2230FEL<br>32.167412 N Lat, 103.644127 W Lon | EIDER FEDERAL 206H<br>Sec 35 T24S R32E SWSE 210FSL 2230FEL<br>32.167412 N Lat, 103.644127 W Lon |

**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  
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**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS  
  
Action 12031

CONDITIONS OF APPROVAL

|              |                   |                    |                  |        |        |                |       |              |        |
|--------------|-------------------|--------------------|------------------|--------|--------|----------------|-------|--------------|--------|
| Operator:    | COG OPERATING LLC | 600 W Illinois Ave | Midland, TX79701 | OGRID: | 229137 | Action Number: | 12031 | Action Type: | C-104C |
| OCD Reviewer | Condition         |                    |                  |        |        |                |       |              |        |
| plmartinez   | None              |                    |                  |        |        |                |       |              |        |