

**DISTRICT I**  
1825 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) 476-3460 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

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

☒ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

|                            |                                     |                    |                                          |                      |
|----------------------------|-------------------------------------|--------------------|------------------------------------------|----------------------|
| API Number<br>30-015-45549 |                                     | Pool Code<br>16800 | Pool Name<br>Delaware River; Bone Spring |                      |
| Property Code<br>323005    | Property Name<br>SRO 4 STATE COM    |                    |                                          | Well Number<br>503H  |
| OGRID No.<br>229137        | Operator Name<br>COG OPERATING, LLC |                    |                                          | Elevation<br>2990.2' |

**Surface Location**

| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| D             | 4       | 26-S     | 28-E  |         | 223           | NORTH            | 1160          | WEST           | EDDY   |

**Bottom Hole Location If Different From Surface**

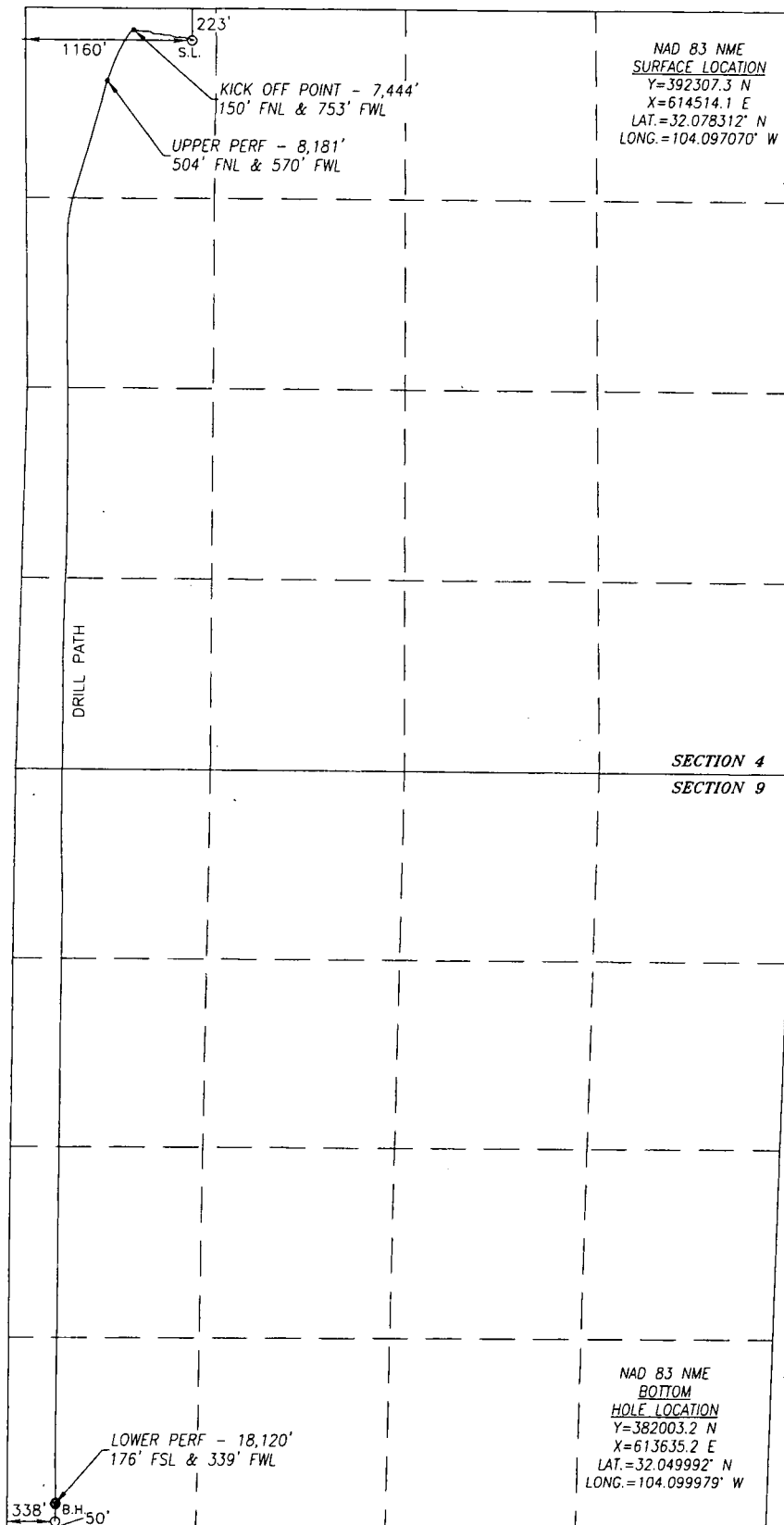
| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| M             | 9       | 26-S     | 28-E  |         | 50            | SOUTH            | 338           | WEST           | EDDY   |

|                        |                 |                    |           |
|------------------------|-----------------|--------------------|-----------|
| Dedicated Acres<br>320 | Joint or Infill | Consolidation Code | Order No. |
|------------------------|-----------------|--------------------|-----------|

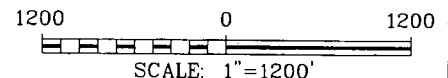
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

SEE PAGE 2

|                         |                                     |                      |
|-------------------------|-------------------------------------|----------------------|
| Property Code<br>323005 | Property Name<br>SRO 4 STATE COM    | Well Number<br>503H  |
| OGRID No.<br>229137     | Operator Name<br>COG OPERATING, LLC | Elevation<br>2990.2' |



BOREPATH SHOWN HEREON IS BASED ON  
DIRECTIONAL SURVEY REPORT PROVIDED BY  
COG OPERATING, LLC FOR THE SRO 4 STATE  
COM #503H SUPPLIED TO HARCROW SURVEYING,  
LLC ON SEPTEMBER 24, 2019



#### 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* 10/29/19  
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.

NOV. 2, 2018/MAR. 11, 2019

Date of Survey/Date of Geographic Survey

Signature & Seal of Professional Surveyor



*Chad Harcrow* 9/27/19  
Certificate No. CHAD HARCROW 17777

*Rev 1-7-2020*

Intent ☐ As Drilled ☒

API #  
30-015-45549

Operator Name:  
COG OPERATING, LLC

Property Name:  
SRO 4 STATE COM

Well Number  
503H

Kick Off Point (KOP)

|                       |              |                 |              |     |                          |                   |             |                  |                |
|-----------------------|--------------|-----------------|--------------|-----|--------------------------|-------------------|-------------|------------------|----------------|
| UL<br>D               | Section<br>4 | Township<br>26S | Range<br>28E | Lot | Feet<br>150              | From N/S<br>NORTH | Feet<br>753 | From E/W<br>WEST | County<br>EDDY |
| Latitude<br>32.078514 |              |                 |              |     | Longitude<br>-104.098386 |                   |             | NAD<br>83        |                |

First Take Point (FTP)

|                       |              |                 |              |     |                          |                   |             |                  |                |
|-----------------------|--------------|-----------------|--------------|-----|--------------------------|-------------------|-------------|------------------|----------------|
| UL<br>D               | Section<br>4 | Township<br>26S | Range<br>28E | Lot | Feet<br>504              | From N/S<br>NORTH | Feet<br>570 | From E/W<br>WEST | County<br>EDDY |
| Latitude<br>32.077543 |              |                 |              |     | Longitude<br>-104.098966 |                   |             | NAD<br>83        |                |

Last Take Point (LTP)

|                       |              |                 |              |     |                          |                   |             |                  |                |
|-----------------------|--------------|-----------------|--------------|-----|--------------------------|-------------------|-------------|------------------|----------------|
| UL<br>M               | Section<br>9 | Township<br>26S | Range<br>28E | Lot | Feet<br>176              | From N/S<br>SOUTH | Feet<br>339 | From E/W<br>WEST | County<br>EDDY |
| Latitude<br>32.050338 |              |                 |              |     | Longitude<br>-104.099974 |                   |             | NAD<br>83        |                |

Is this well the defining well for the Horizontal Spacing Unit? ☒

Is this well an infill well? ☐

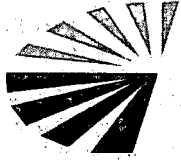
If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #

Operator Name:

Property Name:

Well Number



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## Concho Resources, Inc.

DISTRICT 7 - ARTESIA O.C.D.

Eddy County (NAD27 NME)  
(SRO 4 State Com) Sec-4\_T-26-S\_R-28-E  
SRO 4 State Com #503H

OWB

Design: AWB

## Standard Survey Report

11 March, 2019

A Certified Directional Survey  
requested as required by NMOCD  
Rule 19.15.16.14 NMAC

 **INTREPID**

|           |                                       |                              |                                 |
|-----------|---------------------------------------|------------------------------|---------------------------------|
| Company:  | Concho Resources, Inc.                | Local Co-ordinate Reference: | Well SRO 4 State Com #503H      |
| Project:  | Eddy County (NAD27 NME)               | TVD Reference:               | KB @ 3021.2usft (Precision 106) |
| Site:     | (SRO 4 State Com) Sec-4 T-26-S_R-28-E | MD Reference:                | KB @ 3021.2usft (Precision 106) |
| Well:     | SRO 4 State Com #503H                 | North Reference:             | Grid                            |
| Wellbore: | OWB                                   | Survey Calculation Method:   | Minimum Curvature               |
| Design:   | AWB                                   | Database:                    | EDM 5000.15 Single User Db      |

|             |                                      |               |                |
|-------------|--------------------------------------|---------------|----------------|
| Project:    | Eddy County (NAD27 NME)              |               |                |
| Map System: | US State Plane 1927 (Exact solution) | System Datum: | Mean Sea Level |
| Geo Datum:  | NAD 1927 (NADCON CONUS)              |               |                |
| Map Zone:   | New Mexico East 3001                 |               |                |

|                                            |          |              |                 |                   |                  |
|--------------------------------------------|----------|--------------|-----------------|-------------------|------------------|
| Site (SRO-4 State Com) Sec-4 T-26-S R-28-E |          |              |                 |                   |                  |
| Site Position:                             |          | Northing:    | 392,249.80 usft | Latitude:         | 32° 4' 41.481 N  |
| From:                                      | Map      | Easting:     | 573,329.70 usft | Longitude:        | 104° 5' 47.692 W |
| Position Uncertainty:                      | 0.0 usft | Slot Radius: | 13-3/16 "       | Grid Convergence: | 0.13 °           |

|                      |                       |          |                     |                 |               |                  |
|----------------------|-----------------------|----------|---------------------|-----------------|---------------|------------------|
| Well                 | SRO 4 State Com #503H |          |                     |                 |               |                  |
| Well Position        | +N/-S                 | 0.0 usft | Northing:           | 392,249.80 usft | Latitude:     | 32° 4' 41.481 N  |
|                      | +E/-W                 | 0.0 usft | Easting:            | 573,329.70 usft | Longitude:    | 104° 5' 47.692 W |
| Position Uncertainty |                       | 0.0 usft | Wellhead Elevation: | usft            | Ground Level: | 2,990.2 usft     |

|           |            |             |             |           |                 |
|-----------|------------|-------------|-------------|-----------|-----------------|
| Wellbore: | OWB        |             |             |           |                 |
| Magnetics | Model Name | Sample Date | Declination | Dip Angle | Field Strength  |
|           |            |             | (°)         | (°)       | (nT)            |
|           | IGRF2015   | 12/10/18    | 7.03        | 59.83     | 47,646.75623263 |

|                   |                  |        |        |               |     |
|-------------------|------------------|--------|--------|---------------|-----|
| Design:           | AWB              |        |        |               |     |
| Audit Notes:      |                  |        |        |               |     |
| Version:          | 1.0              | Phase: | ACTUAL | Tie On Depth: | 0.0 |
| Vertical Section: | Depth From (TVD) | +N/-S  | +E/-W  | Direction     |     |
|                   | (usft)           | (usft) | (usft) | (°)           |     |
|                   | 0.0              | 0.0    | 0.0    | 184.92        |     |

|                |                |                            |                     |                                       |
|----------------|----------------|----------------------------|---------------------|---------------------------------------|
| Survey Program | Date: 03/11/19 |                            |                     |                                       |
| From (usft)    | To (usft)      | Survey (Wellbore)          | Tool Name           | Description                           |
| 100.0          | 7,340.0        | SDI Gyro Svys (OWB)        | Standard Keeper 104 | Standard Wireline Keeper ver 1.0.4    |
| 7,462.0        | 18,246.0       | Intrepid MWD Crv/Lat (OWB) | MWD+IFR1+MS         | MWD + IFR1 + Multi-Station Correction |

| 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) |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 0.0                   | 0.00            | 0.00        | 0.0                   | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 100.0                 | 0.64            | 270.01      | 100.0                 | 0.0          | -0.6         | 0.0                     | 0.64                    | 0.64                   | 0.00                  |
| 125.0                 | 0.71            | 270.01      | 125.0                 | 0.0          | -0.9         | 0.1                     | 0.28                    | 0.28                   | 0.00                  |
| 150.0                 | 0.79            | 277.16      | 150.0                 | 0.0          | -1.2         | 0.1                     | 0.49                    | 0.32                   | 28.60                 |
| 175.0                 | 0.52            | 264.47      | 175.0                 | 0.0          | -1.5         | 0.1                     | 1.22                    | -1.08                  | -50.76                |
| 200.0                 | 0.69            | 274.28      | 200.0                 | 0.0          | -1.7         | 0.1                     | 0.79                    | 0.68                   | 39.24                 |
| 225.0                 | 0.77            | 281.53      | 225.0                 | 0.1          | -2.0         | 0.1                     | 0.49                    | 0.32                   | 29.00                 |
| 250.0                 | 0.69            | 276.09      | 250.0                 | 0.1          | -2.4         | 0.1                     | 0.42                    | -0.32                  | -21.76                |
| 275.0                 | 0.67            | 264.25      | 275.0                 | 0.1          | -2.6         | 0.1                     | 0.57                    | -0.08                  | -47.36                |
| 300.0                 | 0.60            | 269.49      | 300.0                 | 0.1          | -2.9         | 0.1                     | 0.36                    | -0.28                  | 20.96                 |

|                  |                                       |                                     |                                 |
|------------------|---------------------------------------|-------------------------------------|---------------------------------|
| <b>Company:</b>  | Concho Resources, Inc.                | <b>Local Co-ordinate Reference:</b> | Well SRO 4 State Com #503H      |
| <b>Project:</b>  | Eddy County (NAD27 NME)               | <b>TVD Reference:</b>               | KB @ 3021.2usft (Precision 106) |
| <b>Site:</b>     | (SRO 4 State Com) Sec 4 T-26-S R-28-E | <b>MD Reference:</b>                | KB @ 3021.2usft (Precision 106) |
| <b>Well:</b>     | SRO 4 State Com #503H                 | <b>North Reference:</b>             | Grid                            |
| <b>Wellbore:</b> | OWB                                   | <b>Survey Calculation Method:</b>   | Minimum Curvature               |
| <b>Design:</b>   | AWB                                   | <b>Database:</b>                    | EDM 5000.15 Single User Db      |

| Survey                |                 |             |                       |              |              |                         |                         |                        |                       |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 325.0                 | 0.71            | 273.12      | 325.0                 | 0.1          | -3.2         | 0.2                     | 0.47                    | 0.44                   | 14.52                 |
| 350.0                 | 0.98            | 269.52      | 350.0                 | 0.1          | -3.6         | 0.2                     | 1.10                    | 1.08                   | -14.40                |
| 375.0                 | 1.20            | 265.51      | 375.0                 | 0.1          | -4.1         | 0.2                     | 0.93                    | 0.88                   | -16.04                |
| 400.0                 | 1.37            | 265.47      | 400.0                 | 0.1          | -4.6         | 0.3                     | 0.68                    | 0.68                   | -0.16                 |
| 425.0                 | 1.51            | 264.20      | 425.0                 | 0.0          | -5.2         | 0.4                     | 0.57                    | 0.56                   | -5.08                 |
| 450.0                 | 1.60            | 267.77      | 450.0                 | 0.0          | -5.9         | 0.6                     | 0.53                    | 0.36                   | 14.28                 |
| 475.0                 | 1.58            | 265.47      | 474.9                 | -0.1         | -6.6         | 0.7                     | 0.27                    | -0.08                  | -9.20                 |
| 500.0                 | 1.58            | 264.04      | 499.9                 | -0.1         | -7.3         | 0.8                     | 0.16                    | 0.00                   | -5.72                 |
| 525.0                 | 1.63            | 262.72      | 524.9                 | -0.2         | -8.0         | 0.9                     | 0.25                    | 0.20                   | -5.28                 |
| 550.0                 | 1.50            | 261.36      | 549.9                 | -0.3         | -8.7         | 1.1                     | 0.54                    | -0.52                  | -5.44                 |
| 575.0                 | 1.34            | 256.08      | 574.9                 | -0.4         | -9.3         | 1.2                     | 0.83                    | -0.64                  | -21.12                |
| 600.0                 | 1.22            | 253.02      | 599.9                 | -0.6         | -9.8         | 1.4                     | 0.55                    | -0.48                  | -12.24                |
| 625.0                 | 0.95            | 247.34      | 624.9                 | -0.7         | -10.3        | 1.6                     | 1.16                    | -1.08                  | -22.72                |
| 644.1                 | 0.75            | 236.60      | 644.0                 | -0.9         | -10.5        | 1.8                     | 1.32                    | -1.03                  | -56.23                |
| <b>Rustler</b>        |                 |             |                       |              |              |                         |                         |                        |                       |
| 650.0                 | 0.70            | 232.12      | 649.9                 | -0.9         | -10.6        | 1.8                     | 1.32                    | -0.91                  | -75.95                |
| 675.0                 | 0.65            | 214.41      | 674.9                 | -1.1         | -10.8        | 2.1                     | 0.85                    | -0.20                  | -70.84                |
| 700.0                 | 0.58            | 218.92      | 699.9                 | -1.3         | -10.9        | 2.3                     | 0.34                    | -0.28                  | 18.04                 |
| 725.0                 | 0.63            | 224.12      | 724.9                 | -1.5         | -11.1        | 2.5                     | 0.30                    | 0.20                   | 20.80                 |
| 750.0                 | 0.60            | 226.44      | 749.9                 | -1.7         | -11.3        | 2.7                     | 0.16                    | -0.12                  | 9.28                  |
| 775.0                 | 0.60            | 217.68      | 774.9                 | -1.9         | -11.5        | 2.9                     | 0.37                    | 0.00                   | -35.04                |
| 800.0                 | 0.60            | 213.23      | 799.9                 | -2.1         | -11.6        | 3.1                     | 0.19                    | 0.00                   | -17.80                |
| 815.1                 | 0.59            | 216.35      | 815.0                 | -2.3         | -11.7        | 3.3                     | 0.22                    | -0.04                  | 20.63                 |
| <b>TOS</b>            |                 |             |                       |              |              |                         |                         |                        |                       |
| 825.0                 | 0.59            | 218.42      | 824.9                 | -2.4         | -11.8        | 3.4                     | 0.22                    | -0.03                  | 20.96                 |
| 850.0                 | 0.39            | 222.48      | 849.9                 | -2.5         | -11.9        | 3.5                     | 0.81                    | -0.80                  | 16.24                 |
| 875.0                 | 0.29            | 158.06      | 874.9                 | -2.6         | -11.9        | 3.7                     | 1.49                    | -0.40                  | -257.68               |
| 900.0                 | 0.28            | 165.91      | 899.9                 | -2.8         | -11.9        | 3.8                     | 0.16                    | -0.04                  | 31.40                 |
| 925.0                 | 0.23            | 170.44      | 924.9                 | -2.9         | -11.9        | 3.9                     | 0.22                    | -0.20                  | 18.12                 |
| 950.0                 | 0.20            | 177.35      | 949.9                 | -3.0         | -11.9        | 4.0                     | 0.16                    | -0.12                  | 27.64                 |
| 975.0                 | 0.22            | 146.11      | 974.9                 | -3.0         | -11.8        | 4.0                     | 0.46                    | 0.08                   | -124.96               |
| 1,000.0               | 0.31            | 145.56      | 999.9                 | -3.1         | -11.8        | 4.1                     | 0.36                    | 0.36                   | -2.20                 |
| 1,025.0               | 0.59            | 89.33       | 1,024.9               | -3.2         | -11.6        | 4.2                     | 1.96                    | 1.12                   | -224.92               |
| 1,050.0               | 1.36            | 77.22       | 1,049.9               | -3.1         | -11.2        | 4.1                     | 3.17                    | 3.08                   | -48.44                |
| 1,075.0               | 1.71            | 68.75       | 1,074.9               | -2.9         | -10.6        | 3.8                     | 1.66                    | 1.40                   | -33.88                |
| 1,100.0               | 1.77            | 68.54       | 1,099.9               | -2.6         | -9.9         | 3.5                     | 0.24                    | 0.24                   | -0.84                 |
| 1,125.0               | 1.74            | 66.72       | 1,124.8               | -2.4         | -9.1         | 3.1                     | 0.25                    | -0.12                  | -7.28                 |
| 1,150.0               | 1.76            | 66.54       | 1,149.8               | -2.1         | -8.4         | 2.8                     | 0.08                    | 0.08                   | -0.72                 |
| 1,175.0               | 1.70            | 60.16       | 1,174.8               | -1.7         | -7.8         | 2.4                     | 0.81                    | -0.24                  | -25.52                |
| 1,200.0               | 1.72            | 64.87       | 1,199.8               | -1.4         | -7.1         | 2.0                     | 0.57                    | 0.08                   | 18.84                 |
| 1,225.0               | 1.60            | 65.05       | 1,224.8               | -1.1         | -6.5         | 1.6                     | 0.48                    | -0.48                  | 0.72                  |
| 1,250.0               | 1.78            | 63.83       | 1,249.8               | -0.7         | -5.8         | 1.2                     | 0.73                    | 0.72                   | -4.88                 |
| 1,275.0               | 1.74            | 64.18       | 1,274.8               | -0.4         | -5.1         | 0.8                     | 0.17                    | -0.16                  | 1.40                  |

|           |                                       |                              |                                 |
|-----------|---------------------------------------|------------------------------|---------------------------------|
| Company:  | Concho Resources, Inc.                | Local Co-ordinate Reference: | Well SRO 4 State Com #503H      |
| Project:  | Eddy County (NAD27 NME)               | TVD Reference:               | KB @ 3021.2usft (Precision 106) |
| Site:     | (SRO 4 State Com) Sec-4_T-26-S_R-28-E | MD Reference:                | KB @ 3021.2usft (Precision 106) |
| Well:     | SRO 4 State Com #503H                 | North Reference:             | Grid                            |
| Wellbore: | OWB                                   | Survey Calculation Method:   | Minimum Curvature               |
| Design:   | AWB                                   | Database:                    | EDM 5000.15 Single User Db.     |

| Survey                |                 |             |                       |              |              |                         |                         |                        |                       |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 1,300.0               | 1.75            | 64.72       | 1,299.8               | -0.1         | -4.4         | 0.5                     | 0.08                    | 0.04                   | 2.16                  |
| 1,325.0               | 1.87            | 64.69       | 1,324.8               | 0.3          | -3.7         | 0.1                     | 0.48                    | 0.48                   | -0.12                 |
| 1,350.0               | 1.79            | 64.18       | 1,349.7               | 0.6          | -3.0         | -0.3                    | 0.33                    | -0.32                  | -2.04                 |
| 1,375.0               | 1.81            | 69.03       | 1,374.7               | 0.9          | -2.3         | -0.7                    | 0.61                    | 0.08                   | 19.40                 |
| 1,400.0               | 1.65            | 57.10       | 1,399.7               | 1.3          | -1.6         | -1.1                    | 1.57                    | -0.64                  | -47.72                |
| 1,425.0               | 1.83            | 63.08       | 1,424.7               | 1.6          | -0.9         | -1.5                    | 1.02                    | 0.72                   | 23.92                 |
| 1,450.0               | 1.86            | 64.88       | 1,449.7               | 2.0          | -0.2         | -2.0                    | 0.26                    | 0.12                   | 7.20                  |
| 1,475.0               | 1.73            | 66.61       | 1,474.7               | 2.3          | 0.5          | -2.3                    | 0.56                    | -0.52                  | 6.92                  |
| 1,500.0               | 1.63            | 62.84       | 1,499.7               | 2.6          | 1.2          | -2.7                    | 0.60                    | -0.40                  | -15.08                |
| 1,525.0               | 1.61            | 66.17       | 1,524.7               | 2.9          | 1.8          | -3.1                    | 0.38                    | -0.08                  | 13.32                 |
| 1,550.0               | 1.57            | 64.12       | 1,549.6               | 3.2          | 2.4          | -3.4                    | 0.28                    | -0.16                  | -8.20                 |
| 1,575.0               | 1.42            | 67.04       | 1,574.6               | 3.5          | 3.0          | -3.7                    | 0.67                    | -0.60                  | 11.68                 |
| 1,600.0               | 1.41            | 54.00       | 1,599.6               | 3.8          | 3.6          | -4.1                    | 1.29                    | -0.04                  | -52.16                |
| 1,625.0               | 1.30            | 52.78       | 1,624.6               | 4.1          | 4.0          | -4.5                    | 0.45                    | -0.44                  | -4.88                 |
| 1,650.0               | 1.40            | 58.32       | 1,649.6               | 4.5          | 4.5          | -4.8                    | 0.66                    | 0.40                   | 22.16                 |
| 1,675.0               | 1.49            | 58.68       | 1,674.6               | 4.8          | 5.1          | -5.2                    | 0.36                    | 0.36                   | 1.44                  |
| 1,700.0               | 1.42            | 54.13       | 1,699.6               | 5.1          | 5.6          | -5.6                    | 0.54                    | -0.28                  | -18.20                |
| 1,725.0               | 1.56            | 58.30       | 1,724.6               | 5.5          | 6.1          | -6.0                    | 0.71                    | 0.56                   | 16.68                 |
| 1,750.0               | 1.72            | 59.07       | 1,749.6               | 5.9          | 6.7          | -6.4                    | 0.65                    | 0.64                   | 3.08                  |
| 1,775.0               | 2.01            | 64.33       | 1,774.6               | 6.3          | 7.5          | -6.9                    | 1.35                    | 1.16                   | 21.04                 |
| 1,800.0               | 2.19            | 68.95       | 1,799.6               | 6.6          | 8.3          | -7.3                    | 0.99                    | 0.72                   | 18.48                 |
| 1,825.0               | 2.36            | 73.27       | 1,824.5               | 6.9          | 9.2          | -7.7                    | 0.97                    | 0.68                   | 17.28                 |
| 1,850.0               | 2.24            | 76.50       | 1,849.5               | 7.2          | 10.2         | -8.1                    | 0.71                    | -0.48                  | 12.92                 |
| 1,875.0               | 1.96            | 85.35       | 1,874.5               | 7.4          | 11.1         | -8.3                    | 1.71                    | -1.12                  | 35.40                 |
| 1,900.0               | 1.65            | 102.99      | 1,899.5               | 7.3          | 11.9         | -8.3                    | 2.53                    | -1.24                  | 70.56                 |
| 1,925.0               | 1.32            | 109.57      | 1,924.5               | 7.1          | 12.5         | -8.2                    | 1.48                    | -1.32                  | 26.32                 |
| 1,950.0               | 1.04            | 122.73      | 1,949.5               | 6.9          | 13.0         | -8.0                    | 1.55                    | -1.12                  | 52.64                 |
| 1,975.0               | 0.44            | 170.85      | 1,974.5               | 6.7          | 13.2         | -7.8                    | 3.26                    | -2.40                  | 192.48                |
| 2,000.0               | 0.55            | 239.55      | 1,999.5               | 6.5          | 13.1         | -7.6                    | 2.26                    | 0.44                   | 274.80                |
| 2,025.0               | 0.69            | 244.20      | 2,024.5               | 6.4          | 12.9         | -7.5                    | 0.59                    | 0.56                   | 18.60                 |
| 2,050.0               | 0.57            | 230.82      | 2,049.5               | 6.3          | 12.6         | -7.3                    | 0.76                    | -0.48                  | -53.52                |
| 2,075.0               | 0.41            | 206.15      | 2,074.5               | 6.1          | 12.5         | -7.2                    | 1.05                    | -0.64                  | -98.68                |
| 2,100.0               | 0.40            | 160.92      | 2,099.5               | 5.9          | 12.5         | -7.0                    | 1.25                    | -0.04                  | -180.92               |
| 2,125.0               | 0.61            | 117.37      | 2,124.5               | 5.8          | 12.6         | -6.9                    | 1.69                    | 0.84                   | -174.20               |
| 2,150.0               | 1.26            | 108.57      | 2,149.5               | 5.7          | 13.0         | -6.7                    | 2.66                    | 2.60                   | -35.20                |
| 2,175.0               | 1.38            | 107.90      | 2,174.5               | 5.5          | 13.5         | -6.6                    | 0.48                    | 0.48                   | -2.68                 |
| 2,200.0               | 1.44            | 105.53      | 2,199.4               | 5.3          | 14.1         | -6.5                    | 0.33                    | 0.24                   | -9.48                 |
| 2,222.6               | 1.53            | 108.11      | 2,222.0               | 5.1          | 14.7         | -6.4                    | 0.50                    | 0.40                   | 11.43                 |
| BOS (Fletcher)        |                 |             |                       |              |              |                         |                         |                        |                       |
| 2,225.0               | 1.54            | 108.37      | 2,224.4               | 5.1          | 14.8         | -6.4                    | 0.50                    | 0.41                   | 10.69                 |
| 2,250.0               | 0.54            | 106.79      | 2,249.4               | 5.0          | 15.2         | -6.3                    | 4.00                    | -4.00                  | -6.32                 |
| 2,275.0               | 0.35            | 163.97      | 2,274.4               | 4.9          | 15.3         | -6.2                    | 1.83                    | -0.76                  | 228.72                |
| 2,300.0               | 0.46            | 214.13      | 2,299.4               | 4.7          | 15.3         | -6.0                    | 1.43                    | 0.44                   | 200.64                |
| 2,325.0               | 0.60            | 242.68      | 2,324.4               | 4.6          | 15.1         | -5.8                    | 1.18                    | 0.56                   | 114.20                |

|                  |                                       |                                     |                                 |
|------------------|---------------------------------------|-------------------------------------|---------------------------------|
| <b>Company:</b>  | Concho Resources, Inc.                | <b>Local Co-ordinate Reference:</b> | Well SRO 4 State Com #503H      |
| <b>Project:</b>  | Eddy County (NAD27 NME)               | <b>TVD Reference:</b>               | KB @ 3021.2usft (Precision 106) |
| <b>Site:</b>     | (SRO 4 State Com) Sec-4 T-26-S_R-28-E | <b>MD Reference:</b>                | KB @ 3021.2usft (Precision 106) |
| <b>Well:</b>     | SRO 4 State Com #503H                 | <b>North Reference:</b>             | Grid:                           |
| <b>Wellbore:</b> | OWB                                   | <b>Survey Calculation Method:</b>   | Minimum Curvature               |
| <b>Design:</b>   | AWB                                   | <b>Database:</b>                    | EDM 5000.15 Single User Db      |

| Survey                |                 |             |                       |              |              |                         |                         |                        |                       |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 2,350.0               | 0.59            | 234.16      | 2,349.4               | 4.4          | 14.9         | -5.7                    | 0.36                    | -0.04                  | -34.08                |
| 2,375.0               | 0.59            | 237.61      | 2,374.4               | 4.3          | 14.7         | -5.5                    | 0.14                    | 0.00                   | 13.80                 |
| 2,400.0               | 0.66            | 235.00      | 2,399.4               | 4.1          | 14.5         | -5.4                    | 0.30                    | 0.28                   | -10.44                |
| 2,414.6               | 0.62            | 239.83      | 2,414.0               | 4.0          | 14.3         | -5.3                    | 0.47                    | -0.29                  | 33.17                 |
| LMAR (Top Delaware)   |                 |             |                       |              |              |                         |                         |                        |                       |
| 2,425.0               | 0.59            | 243.70      | 2,424.4               | 4.0          | 14.2         | -5.2                    | 0.47                    | -0.26                  | 37.08                 |
| 2,450.0               | 0.65            | 237.82      | 2,449.4               | 3.9          | 14.0         | -5.0                    | 0.35                    | 0.24                   | -23.52                |
| 2,453.6               | 0.65            | 238.44      | 2,453.0               | 3.8          | 14.0         | -5.0                    | 0.22                    | -0.09                  | 17.46                 |
| BLCN                  |                 |             |                       |              |              |                         |                         |                        |                       |
| 2,475.0               | 0.63            | 242.25      | 2,474.4               | 3.7          | 13.7         | -4.9                    | 0.21                    | -0.08                  | 17.76                 |
| 2,500.0               | 0.67            | 242.80      | 2,499.4               | 3.6          | 13.5         | -4.7                    | 0.16                    | 0.16                   | 2.20                  |
| 2,525.0               | 0.80            | 248.55      | 2,524.4               | 3.5          | 13.2         | -4.6                    | 0.60                    | 0.52                   | 23.00                 |
| 2,550.0               | 2.33            | 278.50      | 2,549.4               | 3.5          | 12.5         | -4.5                    | 6.74                    | 6.12                   | 119.80                |
| 2,575.0               | 3.35            | 281.63      | 2,574.4               | 3.7          | 11.3         | -4.6                    | 4.13                    | 4.08                   | 12.52                 |
| 2,600.0               | 3.51            | 281.99      | 2,599.3               | 4.0          | 9.9          | -4.8                    | 0.65                    | 0.64                   | 1.44                  |
| 2,625.0               | 3.45            | 284.11      | 2,624.3               | 4.3          | 8.4          | -5.0                    | 0.57                    | -0.24                  | 8.48                  |
| 2,650.0               | 3.59            | 282.93      | 2,649.2               | 4.7          | 6.9          | -5.3                    | 0.63                    | 0.56                   | -4.72                 |
| 2,675.0               | 3.53            | 283.54      | 2,674.2               | 5.1          | 5.4          | -5.5                    | 0.28                    | -0.24                  | 2.44                  |
| 2,700.0               | 3.93            | 283.98      | 2,699.1               | 5.4          | 3.8          | -5.7                    | 1.60                    | 1.60                   | 1.76                  |
| 2,725.0               | 4.37            | 285.13      | 2,724.1               | 5.9          | 2.0          | -6.0                    | 1.79                    | 1.76                   | 4.60                  |
| 2,750.0               | 4.80            | 286.61      | 2,749.0               | 6.4          | 0.1          | -6.4                    | 1.78                    | 1.72                   | 5.92                  |
| 2,775.0               | 5.27            | 287.56      | 2,773.9               | 7.1          | -2.0         | -6.9                    | 1.91                    | 1.88                   | 3.80                  |
| 2,800.0               | 6.57            | 287.27      | 2,798.8               | 7.9          | -4.4         | -7.4                    | 5.20                    | 5.20                   | -1.16                 |
| 2,825.0               | 7.70            | 287.42      | 2,823.6               | 8.8          | -7.4         | -8.1                    | 4.52                    | 4.52                   | 0.60                  |
| 2,850.0               | 8.41            | 287.67      | 2,848.3               | 9.8          | -10.7        | -8.9                    | 2.84                    | 2.84                   | 1.00                  |
| 2,875.0               | 8.04            | 286.68      | 2,873.1               | 10.9         | -14.2        | -9.6                    | 1.58                    | -1.48                  | -3.96                 |
| 2,900.0               | 8.32            | 285.86      | 2,897.8               | 11.9         | -17.6        | -10.3                   | 1.21                    | 1.12                   | -3.28                 |
| 2,925.0               | 8.29            | 285.73      | 2,922.5               | 12.9         | -21.0        | -11.0                   | 0.14                    | -0.12                  | -0.52                 |
| 2,950.0               | 8.59            | 284.61      | 2,947.3               | 13.8         | -24.6        | -11.7                   | 1.37                    | 1.20                   | -4.48                 |
| 2,975.0               | 8.68            | 283.73      | 2,972.0               | 14.8         | -28.2        | -12.3                   | 0.64                    | 0.36                   | -3.52                 |
| 3,000.0               | 9.09            | 282.55      | 2,996.7               | 15.6         | -32.0        | -12.8                   | 1.79                    | 1.64                   | -4.72                 |
| 3,025.0               | 9.10            | 281.03      | 3,021.4               | 16.4         | -35.9        | -13.3                   | 0.96                    | 0.04                   | -6.08                 |
| 3,050.0               | 9.28            | 281.05      | 3,046.1               | 17.2         | -39.8        | -13.7                   | 0.72                    | 0.72                   | 0.08                  |
| 3,075.0               | 9.36            | 280.61      | 3,070.7               | 18.0         | -43.8        | -14.1                   | 0.43                    | 0.32                   | -1.76                 |
| 3,100.0               | 9.36            | 280.60      | 3,095.4               | 18.7         | -47.7        | -14.5                   | 0.01                    | 0.00                   | -0.04                 |
| 3,125.0               | 9.30            | 280.24      | 3,120.1               | 19.4         | -51.7        | -14.9                   | 0.33                    | -0.24                  | -1.44                 |
| 3,150.0               | 9.32            | 280.23      | 3,144.7               | 20.2         | -55.7        | -15.3                   | 0.08                    | 0.08                   | -0.04                 |
| 3,175.0               | 8.67            | 275.41      | 3,169.4               | 20.7         | -59.6        | -15.5                   | 3.98                    | -2.60                  | -19.28                |
| 3,200.0               | 8.23            | 272.04      | 3,194.2               | 20.9         | -63.2        | -15.4                   | 2.65                    | -1.76                  | -13.48                |
| 3,225.0               | 8.17            | 270.93      | 3,218.9               | 21.0         | -66.8        | -15.2                   | 0.68                    | -0.24                  | -4.44                 |
| 3,250.0               | 8.16            | 271.41      | 3,243.6               | 21.1         | -70.4        | -15.0                   | 0.28                    | -0.04                  | 1.92                  |
| 3,275.0               | 8.10            | 271.22      | 3,268.4               | 21.2         | -73.9        | -14.8                   | 0.26                    | -0.24                  | -0.76                 |
| 3,300.0               | 7.99            | 271.26      | 3,293.1               | 21.3         | -77.4        | -14.5                   | 0.44                    | -0.44                  | 0.16                  |

|           |                                       |                              |                                 |
|-----------|---------------------------------------|------------------------------|---------------------------------|
| Company:  | Concho Resources, Inc.                | Local Co-ordinate Reference: | Well SRO 4 State Com #503H      |
| Project:  | Eddy County (NAD27 NME)               | TVD Reference:               | KB @ 3021.2usft (Precision 106) |
| Site:     | (SRO 4 State Com) Sec-4 T-26-S_R-28-E | MD Reference:                | KB @ 3021.2usft (Precision 106) |
| Well:     | SRO 4 State Com #503H                 | North Reference:             | Grid                            |
| Wellbore: | OWB                                   | Survey Calculation Method:   | Minimum Curvature               |
| Design:   | AWB                                   | Database:                    | EDM 5000.15 Single User Db      |

| Survey                |                 |             |                       |              |              |                         |                         |                        |                       |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 3,325.0               | 8.01            | 270.99      | 3,317.9               | 21.3         | -80.9        | -14.3                   | 0.17                    | 0.08                   | -1.08                 |
| 3,332.2               | 8.03            | 270.94      | 3,325.0               | 21.3         | -81.9        | -14.2                   | 0.30                    | 0.28                   | -0.72                 |
| CYCN                  |                 |             |                       |              |              |                         |                         |                        |                       |
| 3,350.0               | 8.08            | 270.81      | 3,342.7               | 21.4         | -84.4        | -14.1                   | 0.30                    | 0.28                   | -0.72                 |
| 3,375.0               | 8.14            | 270.98      | 3,367.4               | 21.4         | -87.9        | -13.8                   | 0.26                    | 0.24                   | 0.68                  |
| 3,400.0               | 8.26            | 271.26      | 3,392.2               | 21.5         | -91.5        | -13.6                   | 0.51                    | 0.48                   | 1.12                  |
| 3,425.0               | 8.14            | 271.02      | 3,416.9               | 21.6         | -95.0        | -13.3                   | 0.50                    | -0.48                  | -0.96                 |
| 3,450.0               | 8.25            | 272.02      | 3,441.6               | 21.7         | -98.6        | -13.1                   | 0.72                    | 0.44                   | 4.00                  |
| 3,475.0               | 8.13            | 273.07      | 3,466.4               | 21.8         | -102.1       | -13.0                   | 0.77                    | -0.48                  | 4.20                  |
| 3,500.0               | 8.07            | 272.93      | 3,491.1               | 22.0         | -105.7       | -12.9                   | 0.25                    | -0.24                  | -0.56                 |
| 3,525.0               | 7.95            | 275.70      | 3,515.9               | 22.3         | -109.1       | -12.8                   | 1.62                    | -0.48                  | 11.08                 |
| 3,550.0               | 7.33            | 281.58      | 3,540.7               | 22.8         | -112.4       | -13.0                   | 3.99                    | -2.48                  | 23.52                 |
| 3,575.0               | 7.04            | 286.07      | 3,565.5               | 23.5         | -115.5       | -13.5                   | 2.53                    | -1.16                  | 17.96                 |
| 3,600.0               | 7.04            | 288.10      | 3,590.3               | 24.4         | -118.4       | -14.2                   | 1.00                    | 0.00                   | 8.12                  |
| 3,625.0               | 7.09            | 287.24      | 3,615.1               | 25.4         | -121.3       | -14.8                   | 0.47                    | 0.20                   | -3.44                 |
| 3,650.0               | 7.13            | 287.26      | 3,639.9               | 26.3         | -124.3       | -15.5                   | 0.16                    | 0.16                   | 0.08                  |
| 3,675.0               | 7.10            | 288.46      | 3,664.7               | 27.2         | -127.2       | -16.2                   | 0.61                    | -0.12                  | 4.80                  |
| 3,700.0               | 7.06            | 288.51      | 3,689.5               | 28.2         | -130.1       | -16.9                   | 0.16                    | -0.16                  | 0.20                  |
| 3,725.0               | 7.20            | 288.29      | 3,714.3               | 29.2         | -133.1       | -17.6                   | 0.57                    | 0.56                   | -0.88                 |
| 3,750.0               | 7.15            | 288.56      | 3,739.1               | 30.2         | -136.0       | -18.4                   | 0.24                    | -0.20                  | 1.08                  |
| 3,775.0               | 7.26            | 288.45      | 3,763.9               | 31.2         | -139.0       | -19.1                   | 0.44                    | 0.44                   | -0.44                 |
| 3,800.0               | 7.26            | 288.78      | 3,788.7               | 32.2         | -142.0       | -19.9                   | 0.17                    | 0.00                   | 1.32                  |
| 3,825.0               | 7.36            | 288.58      | 3,813.5               | 33.2         | -145.0       | -20.6                   | 0.41                    | 0.40                   | -0.80                 |
| 3,850.0               | 7.31            | 288.43      | 3,838.3               | 34.2         | -148.1       | -21.4                   | 0.21                    | -0.20                  | -0.60                 |
| 3,875.0               | 7.44            | 288.54      | 3,863.1               | 35.2         | -151.1       | -22.1                   | 0.52                    | 0.52                   | 0.44                  |
| 3,900.0               | 7.41            | 288.52      | 3,887.9               | 36.2         | -154.2       | -22.9                   | 0.12                    | -0.12                  | -0.08                 |
| 3,925.0               | 7.01            | 288.55      | 3,912.7               | 37.2         | -157.1       | -23.6                   | 1.60                    | -1.60                  | 0.12                  |
| 3,950.0               | 6.46            | 289.65      | 3,937.5               | 38.2         | -159.9       | -24.3                   | 2.26                    | -2.20                  | 4.40                  |
| 3,975.0               | 6.36            | 288.84      | 3,962.4               | 39.1         | -162.5       | -25.0                   | 0.54                    | -0.40                  | -3.24                 |
| 4,000.0               | 5.41            | 284.62      | 3,987.3               | 39.9         | -165.0       | -25.6                   | 4.17                    | -3.80                  | -16.88                |
| 4,025.0               | 4.38            | 271.16      | 4,012.2               | 40.2         | -167.1       | -25.7                   | 6.14                    | -4.12                  | -53.84                |
| 4,050.0               | 4.26            | 264.26      | 4,037.1               | 40.1         | -169.0       | -25.5                   | 2.13                    | -0.48                  | -27.60                |
| 4,075.0               | 4.15            | 261.61      | 4,062.0               | 39.9         | -170.8       | -25.1                   | 0.89                    | -0.44                  | -10.60                |
| 4,100.0               | 4.16            | 261.14      | 4,087.0               | 39.6         | -172.6       | -24.7                   | 0.14                    | 0.04                   | -1.88                 |
| 4,125.0               | 4.14            | 260.49      | 4,111.9               | 39.3         | -174.4       | -24.2                   | 0.20                    | -0.08                  | -2.60                 |
| 4,150.0               | 4.23            | 259.81      | 4,136.8               | 39.0         | -176.2       | -23.7                   | 0.41                    | 0.36                   | -2.72                 |
| 4,175.0               | 4.27            | 259.89      | 4,161.8               | 38.7         | -178.0       | -23.3                   | 0.16                    | 0.16                   | 0.32                  |
| 4,200.0               | 4.28            | 258.95      | 4,186.7               | 38.3         | -179.8       | -22.8                   | 0.28                    | 0.04                   | -3.76                 |
| 4,225.0               | 4.12            | 258.77      | 4,211.6               | 38.0         | -181.6       | -22.3                   | 0.64                    | -0.64                  | -0.72                 |
| 4,250.0               | 4.18            | 258.59      | 4,236.6               | 37.6         | -183.4       | -21.8                   | 0.25                    | 0.24                   | -0.72                 |
| 4,275.0               | 4.23            | 261.94      | 4,261.5               | 37.3         | -185.2       | -21.3                   | 1.00                    | 0.20                   | 13.40                 |
| 4,300.0               | 4.07            | 271.27      | 4,286.4               | 37.2         | -187.0       | -21.0                   | 2.77                    | -0.64                  | 37.32                 |
| 4,325.0               | 4.38            | 279.60      | 4,311.4               | 37.4         | -188.8       | -21.1                   | 2.75                    | 1.24                   | 33.32                 |
| 4,350.0               | 4.83            | 283.07      | 4,336.3               | 37.8         | -190.8       | -21.3                   | 2.12                    | 1.80                   | 13.88                 |

|                  |                                       |                                     |                                 |
|------------------|---------------------------------------|-------------------------------------|---------------------------------|
| <b>Company:</b>  | Concho Resources, Inc.                | <b>Local Co-ordinate Reference:</b> | Well SRO 4 State Com #503H      |
| <b>Project:</b>  | Eddy County (NAD27 NME)               | <b>TVD Reference:</b>               | KB @ 3021.2usft (Precision 106) |
| <b>Site:</b>     | (SRO 4 State Com) Sec-4_T-26-S_R-28-E | <b>MD Reference:</b>                | KB @ 3021.2usft (Precision 106) |
| <b>Well:</b>     | SRO 4 State Com #503H                 | <b>North Reference:</b>             | Grid                            |
| <b>Wellbore:</b> | OWB                                   | <b>Survey Calculation Method:</b>   | Minimum Curvature               |
| <b>Design:</b>   | AWB                                   | <b>Database:</b>                    | EDM 5000.15 Single User Db      |

| Survey                |                 |             |                       |              |              |                         |                         |                        |                       |  |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|--|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |  |
| 4,375.0               | 4.46            | 282.65      | 4,361.2               | 38.2         | -192.8       | -21.6                   | 1.49                    | -1.48                  | -1.68                 |  |
| 4,400.0               | 4.41            | 282.83      | 4,386.1               | 38.7         | -194.6       | -21.8                   | 0.21                    | -0.20                  | 0.72                  |  |
| 4,425.0               | 4.34            | 282.10      | 4,411.0               | 39.1         | -196.5       | -22.1                   | 0.36                    | -0.28                  | -2.92                 |  |
| 4,450.0               | 4.35            | 281.28      | 4,436.0               | 39.5         | -198.4       | -22.3                   | 0.25                    | 0.04                   | -3.28                 |  |
| 4,475.0               | 4.49            | 283.92      | 4,460.9               | 39.9         | -200.2       | -22.6                   | 0.99                    | 0.56                   | 10.56                 |  |
| 4,500.0               | 4.47            | 282.29      | 4,485.8               | 40.3         | -202.1       | -22.8                   | 0.52                    | -0.08                  | -6.52                 |  |
| 4,525.0               | 4.51            | 282.88      | 4,510.7               | 40.7         | -204.1       | -23.1                   | 0.24                    | 0.16                   | 2.36                  |  |
| 4,543.3               | 4.47            | 282.51      | 4,529.0               | 41.1         | -205.4       | -23.3                   | 0.25                    | -0.20                  | -1.99                 |  |
| <b>BYCN</b>           |                 |             |                       |              |              |                         |                         |                        |                       |  |
| 4,550.0               | 4.46            | 282.38      | 4,535.7               | 41.2         | -206.0       | -23.4                   | 0.25                    | -0.20                  | -2.02                 |  |
| 4,575.0               | 4.50            | 282.74      | 4,560.6               | 41.6         | -207.9       | -23.6                   | 0.20                    | 0.16                   | 1.44                  |  |
| 4,600.0               | 4.48            | 280.67      | 4,585.5               | 42.0         | -209.8       | -23.8                   | 0.65                    | -0.08                  | -8.28                 |  |
| 4,625.0               | 4.45            | 280.77      | 4,610.4               | 42.4         | -211.7       | -24.0                   | 0.12                    | -0.12                  | 0.40                  |  |
| 4,650.0               | 4.63            | 279.29      | 4,635.4               | 42.7         | -213.6       | -24.2                   | 0.86                    | 0.72                   | -5.92                 |  |
| 4,675.0               | 4.48            | 278.59      | 4,660.3               | 43.0         | -215.6       | -24.4                   | 0.64                    | -0.60                  | -2.80                 |  |
| 4,700.0               | 4.52            | 278.88      | 4,685.2               | 43.3         | -217.5       | -24.5                   | 0.18                    | 0.16                   | 1.16                  |  |
| 4,725.0               | 4.50            | 279.20      | 4,710.1               | 43.6         | -219.5       | -24.6                   | 0.13                    | -0.08                  | 1.28                  |  |
| 4,750.0               | 4.55            | 277.46      | 4,735.1               | 43.9         | -221.4       | -24.7                   | 0.58                    | 0.20                   | -6.96                 |  |
| 4,775.0               | 4.52            | 276.36      | 4,760.0               | 44.1         | -223.4       | -24.8                   | 0.37                    | -0.12                  | -4.40                 |  |
| 4,800.0               | 4.28            | 275.24      | 4,784.9               | 44.3         | -225.3       | -24.8                   | 1.02                    | -0.96                  | -4.48                 |  |
| 4,825.0               | 4.27            | 275.00      | 4,809.8               | 44.5         | -227.2       | -24.8                   | 0.08                    | -0.04                  | -0.96                 |  |
| 4,850.0               | 4.44            | 274.37      | 4,834.8               | 44.7         | -229.1       | -24.8                   | 0.71                    | 0.68                   | -2.52                 |  |
| 4,875.0               | 4.43            | 272.55      | 4,859.7               | 44.8         | -231.0       | -24.8                   | 0.56                    | -0.04                  | -7.28                 |  |
| 4,900.0               | 4.37            | 273.88      | 4,884.6               | 44.9         | -232.9       | -24.7                   | 0.47                    | -0.24                  | 5.32                  |  |
| 4,925.0               | 4.28            | 272.53      | 4,909.5               | 45.0         | -234.8       | -24.7                   | 0.54                    | -0.36                  | -5.40                 |  |
| 4,950.0               | 4.20            | 271.80      | 4,934.5               | 45.1         | -236.6       | -24.6                   | 0.39                    | -0.32                  | -2.92                 |  |
| 4,975.0               | 4.20            | 270.58      | 4,959.4               | 45.1         | -238.5       | -24.5                   | 0.36                    | 0.00                   | -4.88                 |  |
| 5,000.0               | 4.13            | 269.41      | 4,984.3               | 45.1         | -240.3       | -24.3                   | 0.44                    | -0.28                  | -4.68                 |  |
| 5,025.0               | 4.03            | 269.25      | 5,009.3               | 45.1         | -242.1       | -24.1                   | 0.40                    | -0.40                  | -0.64                 |  |
| 5,050.0               | 4.05            | 268.84      | 5,034.2               | 45.0         | -243.8       | -24.0                   | 0.14                    | 0.08                   | -1.64                 |  |
| 5,075.0               | 4.15            | 267.80      | 5,059.1               | 45.0         | -245.6       | -23.8                   | 0.50                    | 0.40                   | -4.16                 |  |
| 5,100.0               | 4.03            | 266.94      | 5,084.1               | 44.9         | -247.4       | -23.5                   | 0.54                    | -0.48                  | -3.44                 |  |
| 5,125.0               | 4.16            | 266.62      | 5,109.0               | 44.8         | -249.2       | -23.3                   | 0.53                    | 0.52                   | -1.28                 |  |
| 5,150.0               | 4.07            | 265.82      | 5,134.0               | 44.7         | -251.0       | -23.0                   | 0.43                    | -0.36                  | -3.20                 |  |
| 5,175.0               | 4.22            | 266.84      | 5,158.9               | 44.6         | -252.8       | -22.7                   | 0.67                    | 0.60                   | 4.08                  |  |
| 5,200.0               | 4.17            | 267.31      | 5,183.8               | 44.5         | -254.6       | -22.5                   | 0.24                    | -0.20                  | 1.88                  |  |
| 5,225.0               | 4.26            | 268.54      | 5,208.8               | 44.4         | -256.4       | -22.3                   | 0.51                    | 0.36                   | 4.92                  |  |
| 5,250.0               | 4.79            | 272.55      | 5,233.7               | 44.4         | -258.4       | -22.1                   | 2.47                    | 2.12                   | 16.04                 |  |
| 5,275.0               | 4.96            | 275.79      | 5,258.6               | 44.6         | -260.5       | -22.1                   | 1.29                    | 0.68                   | 12.96                 |  |
| 5,300.0               | 5.06            | 276.40      | 5,283.5               | 44.8         | -262.7       | -22.1                   | 0.45                    | 0.40                   | 2.44                  |  |
| 5,325.0               | 5.09            | 285.13      | 5,308.4               | 45.2         | -264.8       | -22.4                   | 3.09                    | 0.12                   | 34.92                 |  |
| 5,350.0               | 5.26            | 293.86      | 5,333.3               | 46.0         | -267.0       | -22.9                   | 3.22                    | 0.68                   | 34.92                 |  |
| 5,375.0               | 5.25            | 297.96      | 5,358.2               | 47.0         | -269.0       | -23.7                   | 1.50                    | -0.04                  | 16.40                 |  |

|                  |                                       |                                     |                                 |
|------------------|---------------------------------------|-------------------------------------|---------------------------------|
| <b>Company:</b>  | Concho Resources, Inc.                | <b>Local Co-ordinate Reference:</b> | Well SRO 4 State Com #503H      |
| <b>Project:</b>  | Eddy County (NAD27 NME)               | <b>TVD Reference:</b>               | KB @ 3021.2usft (Precision 106) |
| <b>Site:</b>     | (SRO 4 State Com) Sec-4_T-26-S_R-28-E | <b>MD Reference:</b>                | KB @ 3021.2usft (Precision 106) |
| <b>Well:</b>     | SRO 4 State Com #503H                 | <b>North Reference:</b>             | Grid                            |
| <b>Wellbore:</b> | OWB                                   | <b>Survey Calculation Method:</b>   | Minimum Curvature               |
| <b>Design:</b>   | AWB                                   | <b>Database:</b>                    | EDM 5000.15 Single User Db      |

| Survey                |                 |             |                       |              |              |                         |                         |                        |                       |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 5,400.0               | 5.05            | 299.42      | 5,383.1               | 48.1         | -271.0       | -24.6                   | 0.96                    | -0.80                  | 5.84                  |
| 5,425.0               | 5.09            | 299.55      | 5,408.0               | 49.2         | -272.9       | -25.6                   | 0.17                    | 0.16                   | 0.52                  |
| 5,450.0               | 4.84            | 300.53      | 5,432.9               | 50.2         | -274.8       | -26.5                   | 1.06                    | -1.00                  | 3.92                  |
| 5,475.0               | 5.02            | 299.12      | 5,457.8               | 51.3         | -276.6       | -27.4                   | 0.87                    | 0.72                   | -5.64                 |
| 5,500.0               | 5.06            | 299.71      | 5,482.7               | 52.4         | -278.6       | -28.3                   | 0.26                    | 0.16                   | 2.36                  |
| 5,525.0               | 4.97            | 300.01      | 5,507.6               | 53.5         | -280.5       | -29.2                   | 0.37                    | -0.36                  | 1.20                  |
| 5,550.0               | 4.94            | 299.97      | 5,532.5               | 54.6         | -282.3       | -30.1                   | 0.12                    | -0.12                  | -0.16                 |
| 5,575.0               | 4.87            | 300.63      | 5,557.4               | 55.6         | -284.2       | -31.0                   | 0.36                    | -0.28                  | 2.64                  |
| 5,600.0               | 4.80            | 300.13      | 5,582.3               | 56.7         | -286.0       | -32.0                   | 0.33                    | -0.28                  | -2.00                 |
| 5,625.0               | 4.75            | 300.36      | 5,607.2               | 57.7         | -287.8       | -32.8                   | 0.21                    | -0.20                  | 0.92                  |
| 5,650.0               | 4.76            | 300.21      | 5,632.2               | 58.8         | -289.6       | -33.7                   | 0.06                    | 0.04                   | -0.60                 |
| 5,675.0               | 4.49            | 298.05      | 5,657.1               | 59.8         | -291.3       | -34.6                   | 1.29                    | -1.08                  | -8.64                 |
| 5,700.0               | 3.46            | 291.57      | 5,682.0               | 60.5         | -292.9       | -35.2                   | 4.49                    | -4.12                  | -25.92                |
| 5,725.0               | 2.67            | 281.65      | 5,707.0               | 60.9         | -294.2       | -35.4                   | 3.79                    | -3.16                  | -39.68                |
| 5,750.0               | 2.40            | 275.77      | 5,732.0               | 61.1         | -295.3       | -35.5                   | 1.50                    | -1.08                  | -23.52                |
| 5,775.0               | 2.44            | 276.10      | 5,756.9               | 61.2         | -296.3       | -35.5                   | 0.17                    | 0.16                   | 1.32                  |
| 5,800.0               | 2.36            | 274.89      | 5,781.9               | 61.3         | -297.4       | -35.5                   | 0.38                    | -0.32                  | -4.84                 |
| 5,825.0               | 2.36            | 276.46      | 5,806.9               | 61.4         | -298.4       | -35.6                   | 0.26                    | 0.00                   | 6.28                  |
| 5,850.0               | 2.23            | 273.36      | 5,831.9               | 61.5         | -299.4       | -35.6                   | 0.72                    | -0.52                  | -12.40                |
| 5,875.0               | 2.25            | 273.84      | 5,856.9               | 61.5         | -300.4       | -35.5                   | 0.11                    | 0.08                   | 1.92                  |
| 5,900.0               | 2.29            | 271.90      | 5,881.8               | 61.6         | -301.3       | -35.5                   | 0.35                    | 0.16                   | -7.76                 |
| 5,925.0               | 2.24            | 270.86      | 5,906.8               | 61.6         | -302.3       | -35.4                   | 0.26                    | -0.20                  | -4.16                 |
| 5,950.0               | 2.13            | 270.25      | 5,931.8               | 61.6         | -303.3       | -35.4                   | 0.45                    | -0.44                  | -2.44                 |
| 5,975.0               | 1.99            | 275.86      | 5,956.8               | 61.7         | -304.2       | -35.3                   | 0.98                    | -0.56                  | 22.44                 |
| 6,000.0               | 1.92            | 280.29      | 5,981.8               | 61.8         | -305.0       | -35.4                   | 0.67                    | -0.28                  | 17.72                 |
| 6,025.0               | 2.01            | 280.04      | 6,006.8               | 61.9         | -305.9       | -35.5                   | 0.36                    | 0.36                   | -1.00                 |
| 6,050.0               | 2.16            | 279.68      | 6,031.7               | 62.1         | -306.8       | -35.5                   | 0.60                    | 0.60                   | -1.44                 |
| 6,075.0               | 2.57            | 278.20      | 6,056.7               | 62.3         | -307.8       | -35.6                   | 1.66                    | 1.64                   | -5.92                 |
| 6,100.0               | 3.16            | 274.24      | 6,081.7               | 62.4         | -309.0       | -35.6                   | 2.49                    | 2.36                   | -15.84                |
| 6,111.3               | 3.32            | 274.35      | 6,093.0               | 62.4         | -309.7       | -35.6                   | 1.40                    | 1.40                   | 0.93                  |
| Bone Sprg (BSGL)      |                 |             |                       |              |              |                         |                         |                        |                       |
| 6,125.0               | 3.51            | 274.46      | 6,106.6               | 62.5         | -310.5       | -35.6                   | 1.40                    | 1.40                   | 0.84                  |
| 6,150.0               | 3.81            | 275.88      | 6,131.6               | 62.6         | -312.1       | -35.6                   | 1.25                    | 1.20                   | 5.68                  |
| 6,175.0               | 4.25            | 279.66      | 6,156.5               | 62.9         | -313.8       | -35.7                   | 2.05                    | 1.76                   | 15.12                 |
| 6,200.0               | 4.27            | 279.72      | 6,181.5               | 63.2         | -315.6       | -35.9                   | 0.08                    | 0.08                   | 0.24                  |
| 6,225.0               | 4.10            | 276.86      | 6,206.4               | 63.5         | -317.4       | -36.0                   | 1.08                    | -0.68                  | -11.44                |
| 6,250.0               | 3.78            | 271.02      | 6,231.3               | 63.6         | -319.2       | -36.0                   | 2.05                    | -1.28                  | -23.36                |
| 6,275.0               | 3.43            | 267.85      | 6,256.3               | 63.6         | -320.7       | -35.8                   | 1.61                    | -1.40                  | -12.68                |
| 6,300.0               | 3.30            | 265.75      | 6,281.2               | 63.5         | -322.2       | -35.6                   | 0.72                    | -0.52                  | -8.40                 |
| 6,325.0               | 3.09            | 263.46      | 6,306.2               | 63.3         | -323.6       | -35.4                   | 0.98                    | -0.84                  | -9.16                 |
| 6,350.0               | 3.02            | 261.33      | 6,331.2               | 63.2         | -324.9       | -35.1                   | 0.53                    | -0.28                  | -8.52                 |
| 6,375.0               | 3.08            | 258.98      | 6,356.1               | 62.9         | -326.2       | -34.7                   | 0.55                    | 0.24                   | -9.40                 |
| 6,400.0               | 2.91            | 254.70      | 6,381.1               | 62.7         | -327.5       | -34.3                   | 1.12                    | -0.68                  | -17.12                |
| 6,425.0               | 3.03            | 257.97      | 6,406.1               | 62.3         | -328.7       | -33.9                   | 0.83                    | 0.48                   | 13.08                 |

|                  |                                       |                                     |                                 |
|------------------|---------------------------------------|-------------------------------------|---------------------------------|
| <b>Company:</b>  | Concho Resources, Inc.                | <b>Local Co-ordinate Reference:</b> | Well SRO 4 State Com #503H      |
| <b>Project:</b>  | Eddy County (NAD27 NME)               | <b>TVD Reference:</b>               | KB @ 3021.2usft (Precision 106) |
| <b>Site:</b>     | (SRO 4 State Com) Sec-4_T-26-S_R-28-E | <b>MD Reference:</b>                | KB @ 3021.2usft (Precision 106) |
| <b>Well:</b>     | SRO 4 State Com #503H                 | <b>North Reference:</b>             | Grid                            |
| <b>Wellbore:</b> | OWB                                   | <b>Survey Calculation Method:</b>   | Minimum Curvature               |
| <b>Design:</b>   | AWB                                   | <b>Database:</b>                    | EDM 5000.15 Single User Db      |

| Survey                |                 |             |                       |              |              |                         |                         |                        |                       |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 6,444.0               | 3.54            | 266.27      | 6,425.0               | 62.2         | -329.8       | -33.7                   | 3.69                    | 2.71                   | 43.79                 |
| <b>U Avalon Sh</b>    |                 |             |                       |              |              |                         |                         |                        |                       |
| 6,450.0               | 3.72            | 268.42      | 6,431.0               | 62.2         | -330.2       | -33.6                   | 3.69                    | 2.92                   | 35.56                 |
| 6,475.0               | 3.63            | 266.02      | 6,456.0               | 62.1         | -331.8       | -33.4                   | 0.71                    | -0.36                  | -9.60                 |
| 6,500.0               | 4.09            | 267.19      | 6,480.9               | 62.0         | -333.5       | -33.2                   | 1.87                    | 1.84                   | 4.68                  |
| 6,525.0               | 4.41            | 269.20      | 6,505.8               | 62.0         | -335.3       | -33.0                   | 1.41                    | 1.28                   | 8.04                  |
| 6,550.0               | 5.11            | 271.26      | 6,530.8               | 62.0         | -337.4       | -32.8                   | 2.88                    | 2.80                   | 8.24                  |
| 6,575.0               | 5.24            | 269.93      | 6,555.7               | 62.0         | -339.7       | -32.6                   | 0.71                    | 0.52                   | -5.32                 |
| 6,600.0               | 5.21            | 271.57      | 6,580.6               | 62.0         | -341.9       | -32.4                   | 0.61                    | -0.12                  | 6.56                  |
| 6,625.0               | 5.26            | 273.66      | 6,605.4               | 62.1         | -344.2       | -32.4                   | 0.79                    | 0.20                   | 8.36                  |
| 6,650.0               | 4.99            | 274.11      | 6,630.3               | 62.3         | -346.4       | -32.3                   | 1.09                    | -1.08                  | 1.80                  |
| 6,659.7               | 4.94            | 273.79      | 6,640.0               | 62.3         | -347.3       | -32.3                   | 0.63                    | -0.56                  | -3.26                 |
| <b>L Avalon Sh</b>    |                 |             |                       |              |              |                         |                         |                        |                       |
| 6,675.0               | 4.85            | 273.28      | 6,655.3               | 62.4         | -348.6       | -32.3                   | 0.63                    | -0.56                  | -3.36                 |
| 6,700.0               | 4.86            | 275.13      | 6,680.2               | 62.6         | -350.7       | -32.2                   | 0.63                    | 0.04                   | 7.40                  |
| 6,725.0               | 4.94            | 277.83      | 6,705.1               | 62.8         | -352.8       | -32.3                   | 0.98                    | 0.32                   | 10.80                 |
| 6,750.0               | 4.73            | 277.59      | 6,730.0               | 63.1         | -354.9       | -32.4                   | 0.84                    | -0.84                  | -0.96                 |
| 6,775.0               | 4.88            | 278.62      | 6,754.9               | 63.4         | -357.0       | -32.5                   | 0.69                    | 0.60                   | 4.12                  |
| 6,800.0               | 4.61            | 278.99      | 6,779.8               | 63.7         | -359.0       | -32.7                   | 1.09                    | -1.08                  | 1.48                  |
| 6,825.0               | 4.42            | 277.46      | 6,804.7               | 64.0         | -361.0       | -32.8                   | 0.90                    | -0.76                  | -6.12                 |
| 6,840.3               | 4.34            | 278.18      | 6,820.0               | 64.1         | -362.1       | -32.8                   | 0.63                    | -0.52                  | 4.70                  |
| <b>B Avalon Sh</b>    |                 |             |                       |              |              |                         |                         |                        |                       |
| 6,850.0               | 4.29            | 278.65      | 6,829.7               | 64.2         | -362.8       | -32.9                   | 0.63                    | -0.52                  | 4.85                  |
| 6,875.0               | 4.32            | 272.44      | 6,854.6               | 64.4         | -364.7       | -32.9                   | 1.87                    | 0.12                   | -24.84                |
| 6,900.0               | 4.85            | 275.13      | 6,879.5               | 64.6         | -366.7       | -32.9                   | 2.29                    | 2.12                   | 10.76                 |
| 6,925.0               | 5.89            | 277.10      | 6,904.4               | 64.8         | -369.0       | -32.9                   | 4.22                    | 4.16                   | 7.88                  |
| 6,950.0               | 5.91            | 276.73      | 6,929.3               | 65.1         | -371.6       | -33.0                   | 0.17                    | 0.08                   | -1.48                 |
| 6,975.0               | 5.73            | 278.21      | 6,954.1               | 65.5         | -374.1       | -33.1                   | 0.94                    | -0.72                  | 5.92                  |
| 7,000.0               | 5.33            | 279.40      | 6,979.0               | 65.8         | -376.5       | -33.3                   | 1.66                    | -1.60                  | 4.76                  |
| 7,025.0               | 4.94            | 280.68      | 7,003.9               | 66.2         | -378.7       | -33.5                   | 1.63                    | -1.56                  | 5.12                  |
| 7,045.1               | 4.83            | 281.55      | 7,024.0               | 66.5         | -380.4       | -33.7                   | 0.67                    | -0.56                  | 4.34                  |
| <b>FBSG sand</b>      |                 |             |                       |              |              |                         |                         |                        |                       |
| 7,050.0               | 4.80            | 281.77      | 7,028.8               | 66.6         | -380.8       | -33.7                   | 0.67                    | -0.56                  | 4.46                  |
| 7,075.0               | 4.62            | 281.44      | 7,053.7               | 67.0         | -382.8       | -33.9                   | 0.73                    | -0.72                  | -1.32                 |
| 7,100.0               | 4.51            | 281.38      | 7,078.7               | 67.4         | -384.7       | -34.2                   | 0.44                    | -0.44                  | -0.24                 |
| 7,125.0               | 4.51            | 281.37      | 7,103.6               | 67.8         | -386.6       | -34.4                   | 0.00                    | 0.00                   | -0.04                 |
| 7,150.0               | 4.30            | 280.19      | 7,128.5               | 68.2         | -388.5       | -34.6                   | 0.91                    | -0.84                  | -4.72                 |
| 7,175.0               | 4.26            | 279.68      | 7,153.4               | 68.5         | -390.4       | -34.8                   | 0.22                    | -0.16                  | -2.04                 |
| 7,200.0               | 4.18            | 278.95      | 7,178.4               | 68.8         | -392.2       | -34.9                   | 0.39                    | -0.32                  | -2.92                 |
| 7,225.0               | 4.09            | 279.75      | 7,203.3               | 69.1         | -394.0       | -35.0                   | 0.43                    | -0.36                  | 3.20                  |
| 7,250.0               | 3.80            | 280.70      | 7,228.3               | 69.4         | -395.7       | -35.2                   | 1.19                    | -1.16                  | 3.80                  |
| 7,275.0               | 4.11            | 286.32      | 7,253.2               | 69.8         | -397.3       | -35.5                   | 1.98                    | 1.24                   | 22.48                 |
| 7,300.0               | 3.96            | 287.63      | 7,278.1               | 70.3         | -399.0       | -35.8                   | 0.70                    | -0.60                  | 5.24                  |
| 7,325.0               | 4.38            | 292.84      | 7,303.1               | 70.9         | -400.7       | -36.3                   | 2.26                    | 1.68                   | 20.84                 |

|                  |                                       |                                     |                                 |
|------------------|---------------------------------------|-------------------------------------|---------------------------------|
| <b>Company:</b>  | Concho Resources, Inc.                | <b>Local Co-ordinate Reference:</b> | Well SRO 4 State Com #503H      |
| <b>Project:</b>  | Eddy County (NAD27 NME)               | <b>TVD Reference:</b>               | KB @ 3021.2usft (Precision 106) |
| <b>Site:</b>     | (SRO 4 State Com) Sec-4_T-26-S_R-28-E | <b>MD Reference:</b>                | KB @ 3021.2usft (Precision 106) |
| <b>Well:</b>     | SRO 4 State Com #503H                 | <b>North Reference:</b>             | Grid                            |
| <b>Wellbore:</b> | OWB                                   | <b>Survey Calculation Method:</b>   | Minimum Curvature               |
| <b>Design:</b>   | AWB                                   | <b>Database:</b>                    | EDM 5000.15 Single User Db      |

| Survey                |                 |             |                       |              |              |                         |                         |                        |                       |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 7,340.0               | 4.09            | 292.16      | 7,318.0               | 71.4         | -401.7       | -36.6                   | 1.96                    | -1.93                  | -4.53                 |
| 7,462.0               | 2.81            | 262.07      | 7,439.8               | 72.6         | -408.7       | -37.3                   | 1.78                    | -1.05                  | -24.66                |
| 7,492.0               | 5.79            | 235.05      | 7,469.7               | 71.6         | -410.7       | -36.1                   | 11.75                   | 9.93                   | -90.07                |
| 7,523.0               | 9.51            | 229.39      | 7,500.4               | 69.1         | -413.9       | -33.3                   | 12.23                   | 12.00                  | -18.26                |
| 7,554.0               | 13.09           | 228.31      | 7,530.8               | 65.1         | -418.5       | -28.9                   | 11.57                   | 11.55                  | -3.48                 |
| 7,586.0               | 17.14           | 227.05      | 7,561.7               | 59.4         | -424.6       | -22.8                   | 12.70                   | 12.66                  | -3.94                 |
| 7,618.0               | 19.75           | 223.74      | 7,592.1               | 52.3         | -431.8       | -15.1                   | 8.79                    | 8.16                   | -10.34                |
| 7,650.0               | 21.96           | 216.85      | 7,622.0               | 43.6         | -439.2       | -5.8                    | 10.31                   | 6.91                   | -21.53                |
| 7,680.0               | 24.31           | 214.20      | 7,649.6               | 34.0         | -446.0       | 4.4                     | 8.57                    | 7.83                   | -8.83                 |
| 7,712.0               | 26.89           | 212.11      | 7,678.4               | 22.4         | -453.6       | 16.6                    | 8.54                    | 8.06                   | -6.53                 |
| 7,733.0               | 28.81           | 212.18      | 7,697.0               | 14.1         | -458.8       | 25.3                    | 9.16                    | 9.16                   | 0.33                  |
| <b>SBSG_sand</b>      |                 |             |                       |              |              |                         |                         |                        |                       |
| 7,743.0               | 29.73           | 212.21      | 7,705.7               | 10.0         | -461.4       | 29.6                    | 9.16                    | 9.16                   | 0.30                  |
| 7,773.0               | 32.48           | 212.01      | 7,731.4               | -3.1         | -469.6       | 43.4                    | 9.17                    | 9.17                   | -0.67                 |
| 7,804.0               | 33.10           | 209.09      | 7,757.5               | -17.6        | -478.1       | 58.5                    | 5.48                    | 2.00                   | -9.42                 |
| 7,835.0               | 35.26           | 208.03      | 7,783.1               | -32.9        | -486.5       | 74.5                    | 7.23                    | 6.97                   | -3.42                 |
| 7,866.0               | 38.16           | 207.29      | 7,808.0               | -49.3        | -495.1       | 91.6                    | 9.46                    | 9.35                   | -2.39                 |
| 7,897.0               | 40.45           | 205.43      | 7,831.9               | -66.9        | -503.8       | 109.9                   | 8.31                    | 7.39                   | -6.00                 |
| 7,928.0               | 42.87           | 203.90      | 7,855.1               | -85.6        | -512.4       | 129.3                   | 8.47                    | 7.81                   | -4.94                 |
| 7,959.0               | 45.97           | 202.68      | 7,877.2               | -105.5       | -520.9       | 149.8                   | 10.37                   | 10.00                  | -3.94                 |
| 7,991.0               | 49.23           | 201.42      | 7,898.8               | -127.4       | -529.8       | 172.4                   | 10.59                   | 10.19                  | -3.94                 |
| 8,022.0               | 51.63           | 199.76      | 7,918.6               | -149.8       | -538.2       | 195.4                   | 8.77                    | 7.74                   | -5.35                 |
| 8,053.0               | 55.89           | 200.00      | 7,936.9               | -173.3       | -546.7       | 219.6                   | 13.76                   | 13.74                  | 0.77                  |
| 8,084.0               | 59.77           | 201.16      | 7,953.4               | -197.9       | -555.9       | 244.8                   | 12.91                   | 12.52                  | 3.74                  |
| 8,115.0               | 63.37           | 200.97      | 7,968.1               | -223.3       | -565.7       | 271.0                   | 11.63                   | 11.61                  | -0.61                 |
| 8,146.0               | 68.75           | 200.14      | 7,980.7               | -249.8       | -575.7       | 298.3                   | 17.53                   | 17.35                  | -2.68                 |
| 8,178.0               | 73.03           | 198.46      | 7,991.2               | -278.4       | -585.6       | 327.6                   | 14.26                   | 13.38                  | -5.25                 |
| 8,208.0               | 76.61           | 196.97      | 7,999.1               | -305.9       | -594.5       | 355.8                   | 12.86                   | 11.93                  | -4.97                 |
| 8,239.0               | 80.50           | 194.94      | 8,005.2               | -335.1       | -602.8       | 385.6                   | 14.09                   | 12.55                  | -6.55                 |
| 8,270.0               | 80.73           | 194.52      | 8,010.3               | -364.7       | -610.6       | 415.8                   | 1.53                    | 0.74                   | -1.35                 |
| 8,301.0               | 81.13           | 194.24      | 8,015.1               | -394.4       | -618.2       | 446.0                   | 1.57                    | 1.29                   | -0.90                 |
| 8,332.0               | 81.32           | 194.74      | 8,019.9               | -424.0       | -625.8       | 476.2                   | 1.71                    | 0.61                   | 1.61                  |
| 8,364.0               | 83.11           | 195.17      | 8,024.2               | -454.7       | -634.0       | 507.4                   | 5.75                    | 5.59                   | 1.34                  |
| 8,394.0               | 85.58           | 194.86      | 8,027.2               | -483.5       | -641.8       | 536.8                   | 8.30                    | 8.23                   | -1.03                 |
| 8,457.0               | 87.01           | 195.64      | 8,031.2               | -544.2       | -658.3       | 598.6                   | 2.58                    | 2.27                   | 1.24                  |
| 8,530.0               | 87.69           | 195.51      | 8,034.6               | -614.4       | -677.9       | 670.3                   | 0.95                    | 0.93                   | -0.18                 |
| 8,623.0               | 90.32           | 195.61      | 8,036.2               | -704.0       | -702.8       | 761.7                   | 2.83                    | 2.83                   | 0.11                  |
| 8,716.0               | 89.76           | 196.40      | 8,036.2               | -793.4       | -728.5       | 852.9                   | 1.04                    | -0.60                  | 0.85                  |
| 8,810.0               | 88.42           | 196.55      | 8,037.7               | -883.5       | -755.1       | 945.0                   | 1.43                    | -1.43                  | 0.16                  |
| 8,903.0               | 89.82           | 196.85      | 8,039.1               | -972.6       | -781.8       | 1,036.1                 | 1.54                    | 1.51                   | 0.32                  |
| 8,997.0               | 89.54           | 197.05      | 8,039.6               | -1,062.5     | -809.2       | 1,128.0                 | 0.37                    | -0.30                  | 0.21                  |
| 9,092.0               | 86.26           | 192.20      | 8,043.1               | -1,154.3     | -833.2       | 1,221.5                 | 6.16                    | -3.45                  | -5.11                 |
| 9,184.0               | 85.98           | 187.19      | 8,049.3               | -1,244.7     | -848.7       | 1,313.0                 | 5.44                    | -0.30                  | -5.45                 |

|                  |                                       |                                     |                                 |
|------------------|---------------------------------------|-------------------------------------|---------------------------------|
| <b>Company:</b>  | Concho Resources, Inc.                | <b>Local Co-ordinate Reference:</b> | Well SRO 4 State Com #503H      |
| <b>Project:</b>  | Eddy County (NAD27 NME)               | <b>TVD Reference:</b>               | KB @ 3021.2usft (Precision 106) |
| <b>Site:</b>     | (SRO 4 State Com) Sec-4_T-26-S_R-28-E | <b>MD Reference:</b>                | KB @ 3021.2usft (Precision 106) |
| <b>Well:</b>     | SRO 4 State Com #503H                 | <b>North Reference:</b>             | Grid                            |
| <b>Wellbore:</b> | OWB                                   | <b>Survey Calculation Method:</b>   | Minimum Curvature               |
| <b>Design:</b>   | AWB                                   | <b>Database:</b>                    | EDM 5000.15 Single User Db      |

| Survey                |                 |             |                       |              |              |                         |                         |                        |                       |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 9,277.0               | 88.22           | 181.08      | 8,054.0               | -1,337.3     | -855.3       | 1,405.8                 | 6.99                    | 2.41                   | -6.57                 |
| 9,370.0               | 90.21           | 178.60      | 8,055.3               | -1,430.3     | -855.1       | 1,498.4                 | 3.42                    | 2.14                   | -2.67                 |
| 9,463.0               | 92.54           | 179.42      | 8,053.1               | -1,523.3     | -853.5       | 1,590.9                 | 2.66                    | 2.51                   | 0.88                  |
| 9,557.0               | 91.30           | 179.66      | 8,049.9               | -1,617.2     | -852.7       | 1,684.4                 | 1.34                    | -1.32                  | 0.26                  |
| 9,650.0               | 92.48           | 179.66      | 8,046.9               | -1,710.2     | -852.2       | 1,777.0                 | 1.27                    | 1.27                   | 0.00                  |
| 9,742.0               | 90.99           | 180.59      | 8,044.1               | -1,802.1     | -852.4       | 1,868.6                 | 1.91                    | -1.62                  | 1.01                  |
| 9,837.0               | 92.68           | 181.19      | 8,041.0               | -1,897.0     | -853.8       | 1,963.3                 | 1.89                    | 1.78                   | 0.63                  |
| 9,930.0               | 91.81           | 180.55      | 8,037.4               | -1,990.0     | -855.3       | 2,056.0                 | 1.16                    | -0.94                  | -0.69                 |
| 10,022.0              | 88.56           | 178.62      | 8,037.1               | -2,081.9     | -854.6       | 2,147.6                 | 4.11                    | -3.53                  | -2.10                 |
| 10,117.0              | 90.85           | 178.37      | 8,037.6               | -2,176.9     | -852.1       | 2,242.0                 | 2.42                    | 2.41                   | -0.26                 |
| 10,210.0              | 88.75           | 178.26      | 8,037.9               | -2,269.9     | -849.4       | 2,334.4                 | 2.26                    | -2.26                  | -0.12                 |
| 10,302.0              | 89.73           | 178.10      | 8,039.1               | -2,361.8     | -846.4       | 2,425.7                 | 1.08                    | 1.07                   | -0.17                 |
| 10,395.0              | 88.92           | 179.97      | 8,040.2               | -2,454.8     | -844.9       | 2,518.2                 | 2.19                    | -0.87                  | 2.01                  |
| 10,488.0              | 91.11           | 180.38      | 8,040.2               | -2,547.8     | -845.2       | 2,610.9                 | 2.40                    | 2.35                   | 0.44                  |
| 10,582.0              | 90.38           | 178.97      | 8,039.0               | -2,641.8     | -844.6       | 2,704.5                 | 1.69                    | -0.78                  | -1.50                 |
| 10,675.0              | 92.20           | 178.83      | 8,036.9               | -2,734.7     | -842.8       | 2,796.9                 | 1.96                    | 1.96                   | -0.15                 |
| 10,768.0              | 90.18           | 179.59      | 8,034.9               | -2,827.7     | -841.6       | 2,889.5                 | 2.32                    | -2.17                  | 0.82                  |
| 10,863.0              | 91.02           | 180.21      | 8,034.0               | -2,922.7     | -841.4       | 2,984.1                 | 1.10                    | 0.88                   | 0.65                  |
| 10,956.0              | 89.87           | 180.35      | 8,033.2               | -3,015.7     | -841.8       | 3,076.8                 | 1.25                    | -1.24                  | 0.15                  |
| 11,048.0              | 88.59           | 180.18      | 8,034.5               | -3,107.6     | -842.3       | 3,168.5                 | 1.40                    | -1.39                  | -0.18                 |
| 11,140.0              | 89.82           | 180.16      | 8,035.7               | -3,199.6     | -842.5       | 3,260.1                 | 1.34                    | 1.34                   | -0.02                 |
| 11,233.0              | 89.40           | 179.95      | 8,036.4               | -3,292.6     | -842.6       | 3,352.8                 | 0.50                    | -0.45                  | -0.23                 |
| 11,327.0              | 88.11           | 180.44      | 8,038.4               | -3,386.6     | -843.0       | 3,446.4                 | 1.47                    | -1.37                  | 0.52                  |
| 11,420.0              | 89.40           | 180.34      | 8,040.4               | -3,479.6     | -843.6       | 3,539.1                 | 1.39                    | 1.39                   | -0.11                 |
| 11,513.0              | 91.30           | 181.02      | 8,039.9               | -3,572.6     | -844.7       | 3,631.9                 | 2.17                    | 2.04                   | 0.73                  |
| 11,607.0              | 90.24           | 181.95      | 8,038.6               | -3,666.5     | -847.1       | 3,725.7                 | 1.50                    | -1.13                  | 0.99                  |
| 11,701.0              | 91.83           | 182.34      | 8,036.9               | -3,760.4     | -850.6       | 3,819.6                 | 1.74                    | 1.69                   | 0.41                  |
| 11,794.0              | 89.99           | 182.20      | 8,035.4               | -3,853.4     | -854.3       | 3,912.4                 | 1.98                    | -1.98                  | -0.15                 |
| 11,886.0              | 88.30           | 181.30      | 8,036.8               | -3,945.3     | -857.1       | 4,004.3                 | 2.08                    | -1.84                  | -0.98                 |
| 11,980.0              | 88.73           | 181.24      | 8,039.2               | -4,039.2     | -859.2       | 4,098.1                 | 0.46                    | 0.46                   | -0.06                 |
| 12,073.0              | 88.16           | 180.52      | 8,041.8               | -4,132.2     | -860.6       | 4,190.8                 | 0.99                    | -0.61                  | -0.77                 |
| 12,165.0              | 87.88           | 181.04      | 8,044.9               | -4,224.1     | -861.9       | 4,282.5                 | 0.64                    | -0.30                  | 0.57                  |
| 12,258.0              | 87.13           | 179.95      | 8,049.0               | -4,317.0     | -862.7       | 4,375.1                 | 1.42                    | -0.81                  | -1.17                 |
| 12,351.0              | 87.74           | 179.51      | 8,053.2               | -4,409.9     | -862.3       | 4,467.7                 | 0.81                    | 0.66                   | -0.47                 |
| 12,447.0              | 89.76           | 179.94      | 8,055.2               | -4,505.9     | -861.8       | 4,563.2                 | 2.15                    | 2.10                   | 0.45                  |
| 12,539.0              | 91.70           | 180.24      | 8,054.1               | -4,597.9     | -861.9       | 4,654.9                 | 2.13                    | 2.11                   | 0.33                  |
| 12,631.0              | 90.91           | 179.58      | 8,052.0               | -4,689.9     | -861.8       | 4,746.5                 | 1.12                    | -0.86                  | -0.72                 |
| 12,725.0              | 91.75           | 179.49      | 8,049.8               | -4,783.8     | -861.0       | 4,840.1                 | 0.90                    | 0.89                   | -0.10                 |
| 12,819.0              | 90.13           | 180.47      | 8,048.3               | -4,877.8     | -861.0       | 4,933.7                 | 2.01                    | -1.72                  | 1.04                  |
| 12,912.0              | 91.44           | 180.89      | 8,047.0               | -4,970.8     | -862.1       | 5,026.5                 | 1.48                    | 1.41                   | 0.45                  |
| 13,006.0              | 89.43           | 180.53      | 8,046.3               | -5,064.8     | -863.3       | 5,120.2                 | 2.17                    | -2.14                  | -0.38                 |
| 13,100.0              | 90.60           | 180.50      | 8,046.2               | -5,158.8     | -864.1       | 5,213.9                 | 1.25                    | 1.24                   | -0.03                 |
| 13,193.0              | 88.92           | 179.67      | 8,046.6               | -5,251.8     | -864.3       | 5,306.6                 | 2.01                    | -1.81                  | -0.89                 |
| 13,287.0              | 90.04           | 179.72      | 8,047.5               | -5,345.8     | -863.8       | 5,400.2                 | 1.19                    | 1.19                   | 0.05                  |

|                  |                                       |                                     |                                 |
|------------------|---------------------------------------|-------------------------------------|---------------------------------|
| <b>Company:</b>  | Concho Resources, Inc.                | <b>Local Co-ordinate Reference:</b> | Well SRO 4 State Com #503H      |
| <b>Project:</b>  | Eddy County (NAD27 NME)               | <b>TVD Reference:</b>               | KB @ 3021.2usft (Precision 106) |
| <b>Site:</b>     | (SRO 4 State Com) Sec-4_T-26-S_R-28-E | <b>MD Reference:</b>                | KB @ 3021.2usft (Precision 106) |
| <b>Well:</b>     | SRO 4 State Com #503H                 | <b>North Reference:</b>             | Grid                            |
| <b>Wellbore:</b> | OWB                                   | <b>Survey Calculation Method:</b>   | Minimum Curvature               |
| <b>Design:</b>   | AWB                                   | <b>Database:</b>                    | EDM 5000.15 Single User Db      |

| Survey                |                 |             |                       |              |              |                         |                         |                        |                       |  |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|--|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |  |
| 13,381.0              | 91.89           | 180.40      | 8,045.9               | -5,439.8     | -863.9       | 5,493.8                 | 2.10                    | 1.97                   | 0.72                  |  |
| 13,475.0              | 91.16           | 179.56      | 8,043.4               | -5,533.7     | -863.8       | 5,587.4                 | 1.18                    | -0.78                  | -0.89                 |  |
| 13,568.0              | 89.51           | 177.94      | 8,042.9               | -5,626.7     | -861.8       | 5,679.9                 | 2.49                    | -1.77                  | -1.74                 |  |
| 13,661.0              | 90.07           | 177.61      | 8,043.2               | -5,719.6     | -858.2       | 5,772.2                 | 0.70                    | 0.60                   | -0.35                 |  |
| 13,754.0              | 89.76           | 179.04      | 8,043.3               | -5,812.6     | -855.5       | 5,864.6                 | 1.57                    | -0.33                  | 1.54                  |  |
| 13,848.0              | 91.02           | 179.60      | 8,042.7               | -5,906.6     | -854.4       | 5,958.1                 | 1.47                    | 1.34                   | 0.60                  |  |
| 13,940.0              | 90.69           | 179.95      | 8,041.3               | -5,998.6     | -854.0       | 6,049.7                 | 0.52                    | -0.36                  | 0.38                  |  |
| 14,034.0              | 87.49           | 179.82      | 8,042.8               | -6,092.5     | -853.8       | 6,143.3                 | 3.41                    | -3.40                  | -0.14                 |  |
| 14,127.0              | 89.06           | 180.27      | 8,045.6               | -6,185.5     | -853.9       | 6,235.9                 | 1.76                    | 1.69                   | 0.48                  |  |
| 14,220.0              | 90.71           | 180.84      | 8,045.8               | -6,278.5     | -854.8       | 6,328.7                 | 1.88                    | 1.77                   | 0.61                  |  |
| 14,313.0              | 89.06           | 180.71      | 8,046.0               | -6,371.5     | -856.0       | 6,421.4                 | 1.78                    | -1.77                  | -0.14                 |  |
| 14,405.0              | 90.49           | 180.83      | 8,046.4               | -6,463.5     | -857.3       | 6,513.2                 | 1.56                    | 1.55                   | 0.13                  |  |
| 14,499.0              | 89.45           | 180.72      | 8,046.4               | -6,557.5     | -858.5       | 6,606.9                 | 1.11                    | -1.11                  | -0.12                 |  |
| 14,593.0              | 90.57           | 180.68      | 8,046.4               | -6,651.4     | -859.7       | 6,700.7                 | 1.19                    | 1.19                   | -0.04                 |  |
| 14,687.0              | 88.84           | 180.35      | 8,046.9               | -6,745.4     | -860.5       | 6,794.4                 | 1.87                    | -1.84                  | -0.35                 |  |
| 14,781.0              | 89.99           | 180.60      | 8,047.8               | -6,839.4     | -861.3       | 6,888.1                 | 1.25                    | 1.22                   | 0.27                  |  |
| 14,874.0              | 88.16           | 180.16      | 8,049.3               | -6,932.4     | -861.9       | 6,980.8                 | 2.02                    | -1.97                  | -0.47                 |  |
| 14,967.0              | 89.76           | 180.44      | 8,051.0               | -7,025.4     | -862.4       | 7,073.5                 | 1.75                    | 1.72                   | 0.30                  |  |
| 15,060.0              | 91.39           | 180.90      | 8,050.1               | -7,118.4     | -863.5       | 7,166.2                 | 1.82                    | 1.75                   | 0.49                  |  |
| 15,154.0              | 89.62           | 179.52      | 8,049.3               | -7,212.4     | -863.8       | 7,259.9                 | 2.39                    | -1.88                  | -1.47                 |  |
| 15,247.0              | 90.49           | 179.60      | 8,049.2               | -7,305.4     | -863.1       | 7,352.5                 | 0.94                    | 0.94                   | 0.09                  |  |
| 15,338.0              | 91.89           | 180.16      | 8,047.3               | -7,396.3     | -862.9       | 7,443.1                 | 1.66                    | 1.54                   | 0.62                  |  |
| 15,432.0              | 90.83           | 180.52      | 8,045.0               | -7,490.3     | -863.5       | 7,536.8                 | 1.19                    | -1.13                  | 0.38                  |  |
| 15,527.0              | 89.26           | 180.60      | 8,045.0               | -7,585.3     | -864.4       | 7,631.5                 | 1.65                    | -1.65                  | 0.08                  |  |
| 15,619.0              | 90.85           | 180.91      | 8,044.9               | -7,677.3     | -865.6       | 7,723.3                 | 1.76                    | 1.73                   | 0.34                  |  |
| 15,712.0              | 89.06           | 179.94      | 8,045.0               | -7,770.3     | -866.3       | 7,816.0                 | 2.19                    | -1.92                  | -1.04                 |  |
| 15,804.0              | 90.29           | 180.25      | 8,045.5               | -7,862.3     | -866.5       | 7,907.6                 | 1.38                    | 1.34                   | 0.34                  |  |
| 15,896.0              | 91.69           | 181.23      | 8,043.9               | -7,954.3     | -867.7       | 7,999.4                 | 1.86                    | 1.52                   | 1.07                  |  |
| 15,989.0              | 90.24           | 180.59      | 8,042.3               | -8,047.2     | -869.1       | 8,092.1                 | 1.70                    | -1.56                  | -0.69                 |  |
| 16,083.0              | 88.39           | 179.50      | 8,043.4               | -8,141.2     | -869.2       | 8,185.8                 | 2.28                    | -1.97                  | -1.16                 |  |
| 16,176.0              | 90.01           | 180.08      | 8,044.7               | -8,234.2     | -868.9       | 8,278.4                 | 1.85                    | 1.74                   | 0.62                  |  |
| 16,269.0              | 91.22           | 180.69      | 8,043.7               | -8,327.2     | -869.5       | 8,371.1                 | 1.46                    | 1.30                   | 0.66                  |  |
| 16,362.0              | 89.85           | 179.39      | 8,042.9               | -8,420.2     | -869.6       | 8,463.7                 | 2.03                    | -1.47                  | -1.40                 |  |
| 16,457.0              | 90.57           | 179.97      | 8,042.5               | -8,515.2     | -869.0       | 8,558.3                 | 0.97                    | 0.76                   | 0.61                  |  |
| 16,551.0              | 89.48           | 180.00      | 8,042.5               | -8,609.2     | -869.0       | 8,652.0                 | 1.16                    | -1.16                  | 0.03                  |  |
| 16,643.0              | 90.46           | 180.51      | 8,042.5               | -8,701.2     | -869.4       | 8,743.7                 | 1.20                    | 1.07                   | 0.55                  |  |
| 16,735.0              | 89.57           | 180.38      | 8,042.5               | -8,793.2     | -870.1       | 8,835.4                 | 0.98                    | -0.97                  | -0.14                 |  |
| 16,829.0              | 90.43           | 180.91      | 8,042.5               | -8,887.2     | -871.2       | 8,929.1                 | 1.07                    | 0.91                   | 0.56                  |  |
| 16,922.0              | 88.89           | 180.23      | 8,043.1               | -8,980.2     | -872.1       | 9,021.9                 | 1.81                    | -1.66                  | -0.73                 |  |
| 17,015.0              | 89.76           | 180.73      | 8,044.2               | -9,073.1     | -872.9       | 9,114.6                 | 1.08                    | 0.94                   | 0.54                  |  |
| 17,110.0              | 88.53           | 180.46      | 8,045.6               | -9,168.1     | -873.9       | 9,209.3                 | 1.33                    | -1.29                  | -0.28                 |  |
| 17,204.0              | 89.54           | 181.18      | 8,047.2               | -9,262.1     | -875.2       | 9,303.0                 | 1.32                    | 1.07                   | 0.77                  |  |
| 17,298.0              | 90.64           | 181.76      | 8,047.0               | -9,356.1     | -877.6       | 9,396.9                 | 1.32                    | 1.17                   | 0.62                  |  |

|                  |                                       |                                     |                                 |
|------------------|---------------------------------------|-------------------------------------|---------------------------------|
| <b>Company:</b>  | Concho Resources, Inc.                | <b>Local Co-ordinate Reference:</b> | Well SRO 4 State Com #503H      |
| <b>Project:</b>  | Eddy County (NAD27 NME)               | <b>TVD Reference:</b>               | KB @ 3021.2usft (Precision 106) |
| <b>Site:</b>     | (SRO 4 State Com) Sec-4_T-26-S_R-28-E | <b>MD Reference:</b>                | KB @ 3021.2usft (Precision 106) |
| <b>Well:</b>     | SRO 4 State Com #503H                 | <b>North Reference:</b>             | Grid                            |
| <b>Wellbore:</b> | OWB                                   | <b>Survey Calculation Method:</b>   | Minimum Curvature               |
| <b>Design:</b>   | AWB                                   | <b>Database:</b>                    | EDM 5000.15 Single User Db      |

| Survey                                 |                 |             |                       |              |              |                         |                         |                        |                       |
|----------------------------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft)                  | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 17,391.0                               | 90.66           | 180.80      | 8,046.0               | -9,449.0     | -879.7       | 9,489.7                 | 1.03                    | 0.02                   | -1.03                 |
| 17,484.0                               | 89.85           | 180.11      | 8,045.5               | -9,542.0     | -880.5       | 9,582.4                 | 1.14                    | -0.87                  | -0.74                 |
| 17,576.0                               | 90.57           | 179.72      | 8,045.2               | -9,634.0     | -880.3       | 9,674.0                 | 0.89                    | 0.78                   | -0.42                 |
| 17,670.0                               | 89.09           | 179.38      | 8,045.5               | -9,728.0     | -879.6       | 9,767.6                 | 1.62                    | -1.57                  | -0.36                 |
| 17,762.0                               | 90.10           | 179.31      | 8,046.1               | -9,820.0     | -878.5       | 9,859.2                 | 1.10                    | 1.10                   | -0.08                 |
| 17,855.0                               | 91.02           | 179.81      | 8,045.2               | -9,913.0     | -877.8       | 9,951.8                 | 1.13                    | 0.99                   | 0.54                  |
| 17,948.0                               | 88.45           | 179.84      | 8,045.7               | -10,006.0    | -877.5       | 10,044.4                | 2.76                    | -2.76                  | 0.03                  |
| 18,042.0                               | 88.98           | 179.90      | 8,047.8               | -10,100.0    | -877.3       | 10,138.0                | 0.57                    | 0.56                   | 0.06                  |
| 18,135.0                               | 90.29           | 180.38      | 8,048.4               | -10,193.0    | -877.6       | 10,230.7                | 1.50                    | 1.41                   | 0.52                  |
| 18,187.0                               | 90.80           | 180.91      | 8,047.9               | -10,245.0    | -878.1       | 10,282.5                | 1.41                    | 0.98                   | 1.02                  |
| LAST SVY                               |                 |             |                       |              |              |                         |                         |                        |                       |
| 18,196.4                               | 90.80           | 180.91      | 8,047.7               | -10,254.4    | -878.3       | 10,291.9                | 0.00                    | 0.00                   | 0.00                  |
| LTP @ 18196.4' MD, 100' FSL & 339' FWL |                 |             |                       |              |              |                         |                         |                        |                       |
| 18,246.0                               | 90.80           | 180.91      | 8,047.0               | -10,304.0    | -879.1       | 10,341.4                | 0.00                    | 0.00                   | 0.00                  |
| Projection to TD @ 50' FSL & 338' FWL  |                 |             |                       |              |              |                         |                         |                        |                       |

| Design Targets                                                                                         |                 |               |              |            |              |              |                 |                |                                  |
|--------------------------------------------------------------------------------------------------------|-----------------|---------------|--------------|------------|--------------|--------------|-----------------|----------------|----------------------------------|
| Target Name                                                                                            | hit/miss target | Dip Angle (°) | Dip Dir. (°) | TVD (usft) | +N/-S (usft) | +E/-W (usft) | Northing (usft) | Easting (usft) | Latitude Longitude               |
| FTP (SRO 4 State Co                                                                                    |                 | 0.00          | 0.00         | 8,045.0    | 122.2        | -831.5       | 392,372.00      | 572,498.20     | 32° 4' 42.708 N 104° 5' 57.353 W |
| - actual wellpath misses target center by 418.0usft at 7991.0usft MD (7898.8 TVD, -127.4 N, -529.8 E)  |                 |               |              |            |              |              |                 |                |                                  |
| - Point                                                                                                |                 |               |              |            |              |              |                 |                |                                  |
| PBHL (SRO 4 State C                                                                                    |                 | 0.00          | 180.31       | 8,045.0    | -10,304.4    | -887.4       | 381,945.40      | 572,442.30     | 32° 2' 59.522 N 104° 5' 58.265 W |
| - actual wellpath misses target center by 8.6usft at 18246.0usft MD (8047.0 TVD, -10304.0 N, -879.1 E) |                 |               |              |            |              |              |                 |                |                                  |
| - Rectangle (sides W60.0 H1,547.5 D30.0)                                                               |                 |               |              |            |              |              |                 |                |                                  |
| LTP (SRO 4 State Co                                                                                    |                 | 0.00          | 0.00         | 8,045.0    | -10,254.4    | -887.1       | 381,995.40      | 572,442.60     | 32° 3' 0.017 N 104° 5' 58.261 W  |
| - actual wellpath misses target center by 9.2usft at 18196.4usft MD (8047.7 TVD, -10254.4 N, -878.3 E) |                 |               |              |            |              |              |                 |                |                                  |
| - Point                                                                                                |                 |               |              |            |              |              |                 |                |                                  |

|                  |                                       |                                     |                                 |
|------------------|---------------------------------------|-------------------------------------|---------------------------------|
| <b>Company:</b>  | Concho Resources, Inc.                | <b>Local Co-ordinate Reference:</b> | Well SRO 4 State Com #503H      |
| <b>Project:</b>  | Eddy County (NAD27 NME)               | <b>TVD Reference:</b>               | KB @ 3021.2usft (Precision 106) |
| <b>Site:</b>     | (SRO 4 State Com) Sec-4_T-26-S_R-28-E | <b>MD Reference:</b>                | KB @ 3021.2usft (Precision 106) |
| <b>Well:</b>     | SRO 4 State Com #503H                 | <b>North Reference:</b>             | Grid                            |
| <b>Wellbore:</b> | OWB                                   | <b>Survey Calculation Method:</b>   | Minimum Curvature               |
| <b>Design:</b>   | AWB                                   | <b>Database:</b>                    | EDM 5000.15 Single User Db      |

| Formations            |                       |                     |           |         |                   |  |
|-----------------------|-----------------------|---------------------|-----------|---------|-------------------|--|
| Measured Depth (usft) | Vertical Depth (usft) | Name                | Lithology | Dip (°) | Dip Direction (°) |  |
| 644.1                 | 644.0                 | Rustler             |           |         |                   |  |
| 815.1                 | 815.0                 | TOS                 |           |         |                   |  |
| 2,222.6               | 2,222.0               | BOS (Fletcher)      |           |         |                   |  |
| 2,414.6               | 2,414.0               | LMAR (Top Delaware) |           |         |                   |  |
| 2,453.6               | 2,453.0               | BLCN                |           |         |                   |  |
| 3,332.2               | 3,325.0               | CYCN                |           |         |                   |  |
| 4,543.3               | 4,529.0               | BYCN                |           |         |                   |  |
| 6,111.3               | 6,093.0               | Bone Sprg (BSGL)    |           |         |                   |  |
| 6,444.0               | 6,425.0               | U Avalon Sh         |           |         |                   |  |
| 6,659.7               | 6,640.0               | L Avalon Sh         |           |         |                   |  |
| 6,840.3               | 6,820.0               | B Avalon Sh         |           |         |                   |  |
| 7,045.1               | 7,024.0               | FBSG_sand           |           |         |                   |  |
| 7,733.0               | 7,697.0               | SBSG_sand           |           |         |                   |  |

| Design Annotations    |                       |                   |              |                                     |
|-----------------------|-----------------------|-------------------|--------------|-------------------------------------|
| Measured Depth (usft) | Vertical Depth (usft) | Local Coordinates |              | Comment                             |
|                       |                       | +N/-S (usft)      | +E/-W (usft) |                                     |
| 18,187.0              | 8,047.9               | -10,245.0         | -878.1       | LAST SVY                            |
| 18,196.4              | 8,047.7               | -10,254.4         | -878.3       | LTP @ 18196.4'MD, 100'FSL & 339'FWL |
| 18,246.0              | 8,047.0               | -10,304.0         | -879.1       | Projection to TD @ 50'FSL & 338'FWL |

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