

|                                          |                                                                               |                                         |
|------------------------------------------|-------------------------------------------------------------------------------|-----------------------------------------|
| <b>Well Name:</b> BEDLINGTON FEDERAL COM | <b>Well Location:</b> T23S / R32E / SEC 35 / SESW / 32.2544979 / -103.6482224 | <b>County or Parish/State:</b> LEA / NM |
| <b>Well Number:</b> 703H                 | <b>Type of Well:</b> OIL WELL                                                 | <b>Allottee or Tribe Name:</b>          |
| <b>Lease Number:</b> NMNM136217          | <b>Unit or CA Name:</b>                                                       | <b>Unit or CA Number:</b>               |
| <b>US Well Number:</b> 3002548325        | <b>Well Status:</b> Approved Application for Permit to Drill                  | <b>Operator:</b> COG OPERATING LLC      |

**Operator Certification**

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a submission of Form 3160-5 or a Sundry Notice.

**Operator Electronic Signature:** WAGNER**Signed on:** JAN 15, 2021 07:13 AM**Name:** COG OPERATING LLC**Title:** Regulatory Advisor**Street Address:** ONE CONCHO CENTER 600 W ILLINOIS AVENUE**City:** MIDLAND**State:** TX**Phone:** (432) 685-9158**Email address:** NOT ENTERED**Field Representative****Representative Name:****Street Address:****City:****State:****Zip:****Phone:****Email address:****BLM Point of Contact****BLM POC Name:** CHRISTOPHER WALLS**BLM POC Title:** Petroleum Engineer**BLM POC Phone:** 5752342234**BLM POC Email Address:** cwalls@blm.gov**Disposition:** Approved**Disposition Date:** 01/22/2021**Signature:** Chris Walls

District I

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

District II

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

District III

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

District IV

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

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

Form C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

☒ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

|                              |                                           |                                                     |
|------------------------------|-------------------------------------------|-----------------------------------------------------|
| 1 API Number<br>30-025-48325 | 2 Pool Code<br>98248                      | 3 Pool Name<br>WC-025 G-08 S243217P; Upper Wolfcamp |
| 4 Property Code<br>329952    | 5 Property Name<br>BEDLINGTON FEDERAL COM | 6 Well Number<br>703H                               |
| 7 OGRID No.<br>229137        | 8 Operator Name<br>COG OPERATING LLC      | 9 Elevation<br>3623'                                |

## 10 Surface Location

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| N             | 35      | 23-S     | 32-E  |         | 225'          | SOUTH            | 1775'         | WEST           | LEA    |

## 11 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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| C             | 26      | 23-S     | 32-E  |         | 50'           | NORTH            | 2310'         | WEST           | LEA    |

|                           |                    |                       |              |
|---------------------------|--------------------|-----------------------|--------------|
| 12 Dedicated Acres<br>640 | 13 Joint or Infill | 14 Consolidation Code | 15 Order No. |
|---------------------------|--------------------|-----------------------|--------------|

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

|  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                           |
|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><b>CORNER DATA</b><br/>NEW MEXICO EAST - NAD 83</p> <p>A - FOUND IRON PIPE W/ BRASS CAP<br/>N:467315.98' E:751289.08'</p> <p>B - FOUND IRON PIPE W/ BRASS CAP<br/>N:467344.78' E:753927.62'</p> <p>C - FOUND IRON PIPE W/ BRASS CAP<br/>N:467373.32' E:756564.67'</p> <p>D - FOUND IRON PIPE W/ BRASS CAP<br/>N:464728.99' E:756583.47'</p> <p>E - FOUND IRON PIPE W/ BRASS CAP<br/>N:462087.47' E:756602.15'</p> <p>F - FOUND IRON PIPE W/ BRASS CAP<br/>N:462059.80' E:753961.90'</p> <p>G - FOUND IRON PIPE W/ BRASS CAP<br/>N:462034.23' E:751322.42'</p> <p>H - FOUND IRON PIPE W/ BRASS CAP<br/>N:464675.41' E:751305.83'</p> <p>I - FOUND BENT IRON PIPE W/ BRASS CAP<br/>N:459447.89' E:756620.56'</p> <p>J - FOUND IRON PIPE W/ BRASS CAP<br/>N:456806.31' E:756639.34'</p> <p>K - FOUND IRON PIPE W/ BRASS CAP<br/>N:456778.50' E:753996.44'</p> <p>L - FOUND IRON PIPE W/ BRASS CAP<br/>N:456753.78' E:751353.50'</p> <p>M - FOUND IRON PIPE W/ BRASS CAP<br/>N:459393.97' E:751338.83'</p> | <p><b>17 OPERATOR CERTIFICATION</b><br/>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Stan Wagner</i> 1/13/2021<br/>Signature Date</p> <p>Stan Wagner<br/>Printed Name</p> <p>_____<br/>E-mail Address</p> |                                                                                                                                                                                                                                                           |
|  | <p><b>SURFACE HOLE LOCATION (SHL)</b><br/>NEW MEXICO EAST - NAD 83<br/>X=753127.18<br/>Y=456895.39<br/>LAT.= 32.25449791° N<br/>LONG.= 103.64822242° W<br/>225' FSL, 1775' FWL<br/>SECTION 35</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <p><b>FIRST TAKE POINT (FTP)</b><br/>NEW MEXICO EAST - NAD 83<br/>X=753662.86<br/>Y=456875.38<br/>LAT.= 32.25415863° N<br/>LONG.= 103.64649216° W<br/>100' FSL, 2310' FWL<br/>SECTION 35</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <p><b>18 SURVEYOR CERTIFICATION</b><br/>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> |
|  | <p><b>LAST TAKE POINT (LTP)</b><br/>NEW MEXICO EAST - NAD 83<br/>X=753599.60<br/>Y=467241.20<br/>LAT.= 32.28265216° N<br/>LONG.= 103.64648219° W<br/>100' FNL, 2310' FWL<br/>SECTION 26</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <p><b>BOTTOM HOLE LOCATION (BHL)</b><br/>NEW MEXICO EAST - NAD 83<br/>X=753599.28<br/>Y=467291.20<br/>LAT.= 32.28278959° N<br/>LONG.= 103.64648218° W<br/>50' FNL, 2310' FWL<br/>SECTION 26</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor</p>                                                                                                                                                                                  |
|  | <p>25036<br/>12/18/2020<br/>PROFESSIONAL SURVEYOR</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <p>Certificate Number</p>                                                                                                                                                                                                                                 |

Intent ☒ As Drilled ☐

|                                         |                                              |                         |
|-----------------------------------------|----------------------------------------------|-------------------------|
| API #<br>30-025-48325                   |                                              |                         |
| Operator Name:<br><br>COG Operating LLC | Property Name:<br><br>Bedlington Federal Com | Well Number<br><br>703H |

## Kick Off Point (KOP)

|          |               |                 |              |     |           |          |      |          |               |
|----------|---------------|-----------------|--------------|-----|-----------|----------|------|----------|---------------|
| UL<br>N  | Section<br>35 | Township<br>23S | Range<br>32E | Lot | Feet      | From N/S | Feet | From E/W | County<br>Lea |
| Latitude |               |                 |              |     | Longitude |          |      |          | NAD<br>83     |

## First Take Point (FTP)

|                         |               |                 |              |     |                           |                   |              |                  |               |
|-------------------------|---------------|-----------------|--------------|-----|---------------------------|-------------------|--------------|------------------|---------------|
| UL<br>N                 | Section<br>35 | Township<br>23S | Range<br>32E | Lot | Feet<br>100               | From N/S<br>South | Feet<br>2310 | From E/W<br>West | County<br>Lea |
| Latitude<br>32.25415863 |               |                 |              |     | Longitude<br>-103.6469216 |                   |              |                  | NAD<br>83     |

## Last Take Point (LTP)

|                         |               |                 |              |     |                            |                   |              |                  |               |
|-------------------------|---------------|-----------------|--------------|-----|----------------------------|-------------------|--------------|------------------|---------------|
| UL<br>C                 | Section<br>26 | Township<br>23S | Range<br>32E | Lot | Feet<br>100                | From N/S<br>North | Feet<br>2310 | From E/W<br>West | County<br>Lea |
| Latitude<br>32.28265216 |               |                 |              |     | Longitude<br>-103.64648219 |                   |              |                  | NAD<br>83     |

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

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

|                                         |                                              |                         |
|-----------------------------------------|----------------------------------------------|-------------------------|
| API #<br>30-025-48324                   |                                              |                         |
| Operator Name:<br><br>COG Operating LLC | Property Name:<br><br>Bedlington Federal Com | Well Number<br><br>702H |

KZ 06/29/2018

**DELAWARE BASIN EAST**  
**BULLDOG PROSPECT (NM-E)**  
**BEDLINGTON FEDERAL PROJECT (BULLDOG 2332)**  
**BEDLINGTON FED COM 703H**

**OWB**  
**PWP2**

**Anticollision Report**

**08 January, 2021**

## Concho Resources LLC

## Anticollision Report

|                           |                                           |                                     |                               |
|---------------------------|-------------------------------------------|-------------------------------------|-------------------------------|
| <b>Company:</b>           | DELAWARE BASIN EAST                       | <b>Local Co-ordinate Reference:</b> | Well BEDLINGTON FED COM 703H  |
| <b>Project:</b>           | BULLDOG PROSPECT (NM-E)                   | <b>TVD Reference:</b>               | KB=26' @ 3649.0usft (McVay 8) |
| <b>Reference Site:</b>    | BEDLINGTON FEDERAL PROJECT (BULLDOG 2332) | <b>MD Reference:</b>                | KB=26' @ 3649.0usft (McVay 8) |
| <b>Site Error:</b>        | 3.0 usft                                  | <b>North Reference:</b>             | Grid                          |
| <b>Reference Well:</b>    | BEDLINGTON FED COM 703H                   | <b>Survey Calculation Method:</b>   | Minimum Curvature             |
| <b>Well Error:</b>        | 3.0 usft                                  | <b>Output errors are at</b>         | 2.00 sigma                    |
| <b>Reference Wellbore</b> | OWB                                       | <b>Database:</b>                    | edm                           |
| <b>Reference Design:</b>  | PWP2                                      | <b>Offset TVD Reference:</b>        | Offset Datum                  |

|                                     |                                                                     |
|-------------------------------------|---------------------------------------------------------------------|
| <b>Reference</b>                    | PWP2                                                                |
| <b>Filter type:</b>                 | NO GLOBAL FILTER: Using user defined selection & filtering criteria |
| <b>Interpolation Method:</b>        | Stations                                                            |
| <b>Depth Range:</b>                 | Unlimited                                                           |
| <b>Results Limited by:</b>          | Maximum ellipse separation of 2,000.0 usft                          |
| <b>Warning Levels Evaluated at:</b> | 2.00 Sigma                                                          |
| <b>Error Model:</b>                 | ISCWSA                                                              |
| <b>Scan Method:</b>                 | Closest Approach 3D                                                 |
| <b>Error Surface:</b>               | Pedal Curve                                                         |
| <b>Casing Method:</b>               | Not applied                                                         |

| Survey Tool Program |              | Date              | 1/8/2021            |                                    |  |
|---------------------|--------------|-------------------|---------------------|------------------------------------|--|
| From<br>(usft)      | To<br>(usft) | Survey (Wellbore) | Tool Name           | Description                        |  |
| 0.0                 | 0.0          | PWP2 (OWB)        | Standard Keeper 104 | Standard Wireline Keeper ver 1.0.4 |  |
| 11,791.0            | 22,611.5     | PWP2 (OWB)        | MWD+IFR1+FDIR       | OWSG MWD + IFR1 + FDIR Correction  |  |

| Summary                                   |                                 |                              |                                 |                                  |                   |         |
|-------------------------------------------|---------------------------------|------------------------------|---------------------------------|----------------------------------|-------------------|---------|
| Site Name                                 | Reference Measured Depth (usft) | Offset Measured Depth (usft) | Distance Between Centres (usft) | Distance Between Ellipses (usft) | Separation Factor | Warning |
| Offset Well - Wellbore - Design           |                                 |                              |                                 |                                  |                   |         |
| BEDLINGTON FEDERAL PROJECT (BULLDOG 2332) |                                 |                              |                                 |                                  |                   |         |
| BEDLINGTON FED COM 201H - OWB - PWP2      | 2,416.0                         | 2,418.0                      | 201.0                           | 192.4                            | 23.324 CC         |         |
| BEDLINGTON FED COM 201H - OWB - PWP2      | 2,500.0                         | 2,502.0                      | 201.0                           | 192.2                            | 22.900 ES         |         |
| BEDLINGTON FED COM 201H - OWB - PWP2      | 2,900.0                         | 2,895.0                      | 209.1                           | 199.7                            | 22.202 SF         |         |
| BEDLINGTON FED COM 202H - OWB - PWP2      | 5,422.0                         | 5,429.4                      | 106.2                           | 94.6                             | 9.104 CC, ES, SF  |         |
| BEDLINGTON FED COM 301H - OWB - PWP1      | 2,500.0                         | 2,500.0                      | 311.8                           | 298.7                            | 23.812 CC, ES     |         |
| BEDLINGTON FED COM 301H - OWB - PWP1      | 3,700.0                         | 3,671.5                      | 394.6                           | 377.1                            | 22.575 SF         |         |
| BEDLINGTON FED COM 302H - OWB - PWP1      | 2,500.0                         | 2,500.0                      | 289.4                           | 281.6                            | 36.912 CC, ES     |         |
| BEDLINGTON FED COM 302H - OWB - PWP1      | 2,700.0                         | 2,691.1                      | 292.5                           | 284.5                            | 36.342 SF         |         |
| BEDLINGTON FED COM 303H - OWB - PWP1      | 9,079.7                         | 9,099.5                      | 256.1                           | 217.0                            | 6.539 CC, ES      |         |
| BEDLINGTON FED COM 303H - OWB - PWP1      | 9,100.0                         | 9,114.6                      | 256.3                           | 217.1                            | 6.532 SF          |         |
| BEDLINGTON FED COM 501H - OWB - PWP1      | 2,500.0                         | 2,499.0                      | 320.0                           | 313.1                            | 46.394 CC, ES     |         |
| BEDLINGTON FED COM 501H - OWB - PWP1      | 2,600.0                         | 2,589.0                      | 321.5                           | 314.6                            | 46.177 SF         |         |
| BEDLINGTON FED COM 502H - OWB - PWP1      | 2,500.0                         | 2,499.0                      | 290.0                           | 277.3                            | 22.866 CC, ES     |         |
| BEDLINGTON FED COM 502H - OWB - PWP1      | 5,500.0                         | 5,472.8                      | 484.7                           | 460.4                            | 19.984 SF         |         |
| BEDLINGTON FED COM 503H - OWB - PWP1      | 5,652.0                         | 5,659.8                      | 122.2                           | 110.3                            | 10.215 CC, ES     |         |
| BEDLINGTON FED COM 503H - OWB - PWP1      | 5,700.0                         | 5,707.8                      | 122.5                           | 110.4                            | 10.167 SF         |         |
| BEDLINGTON FED COM 701H - OWB - PWP2      | 2,500.0                         | 2,500.0                      | 60.0                            | 53.1                             | 8.697 CC, ES, SF  |         |
| BEDLINGTON FED COM 702H - OWB - PWP2      | 5,500.0                         | 5,500.0                      | 30.0                            | 20.3                             | 3.102 CC, ES, SF  |         |
| COX 35 FED 2H - OWB - AWP                 | 10,562.3                        | 10,492.1                     | 930.5                           | 883.2                            | 19.655 CC, ES     |         |
| COX 35 FED 2H - OWB - AWP                 | 10,600.0                        | 10,520.5                     | 930.8                           | 883.4                            | 19.639 SF         |         |

| <b>Offset Design</b>   | BEDLINGTON FEDERAL PROJECT (BULLDOG 2332) - BEDLINGTON FED COM 201H - OWB - PWP |                       |                       |                  |               |                       |                                     |              |                        |                         |                           | <b>Offset Site Error:</b> | 3.0 usft |
|------------------------|---------------------------------------------------------------------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|---------------------------|----------|
| <b>Survey Program:</b> | 0-Standard Keeper 104, 9013-MWD+IFR1+FDIR                                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           | <b>Offset Well Error:</b> | 3.0 usft |
| Reference              | Offset                                                                          | Semi Major Axis       |                       | Distance         |               | Minimum Separation    |                                     | Warning      |                        |                         |                           |                           |          |
| Measured Depth (usft)  | Vertical Depth (usft)                                                           | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor         | Warning  |
| 0.0                    | 0.0                                                                             | 2.0                   | 2.0                   | 3.0              | 3.0           | 5.40                  | 200.1                               | 18.9         | 201.0                  |                         |                           |                           |          |
| 100.0                  | 100.0                                                                           | 102.0                 | 102.0                 | 3.0              | 3.0           | 5.40                  | 200.1                               | 18.9         | 201.0                  | 195.0                   | 6.00                      | 33.499                    |          |
| 200.0                  | 200.0                                                                           | 202.0                 | 202.0                 | 3.0              | 3.0           | 5.40                  | 200.1                               | 18.9         | 201.0                  | 195.0                   | 6.01                      | 33.443                    |          |
| 300.0                  | 300.0                                                                           | 302.0                 | 302.0                 | 3.0              | 3.0           | 5.40                  | 200.1                               | 18.9         | 201.0                  | 195.0                   | 6.03                      | 33.323                    |          |
| 400.0                  | 400.0                                                                           | 402.0                 | 402.0                 | 3.0              | 3.0           | 5.40                  | 200.1                               | 18.9         | 201.0                  | 195.0                   | 6.07                      | 33.142                    |          |
| 500.0                  | 500.0                                                                           | 502.0                 | 502.0                 | 3.1              | 3.1           | 5.40                  | 200.1                               | 18.9         | 201.0                  | 194.9                   | 6.11                      | 32.903                    |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Concho Resources LLC

## Anticollision Report

|                           |                                           |                                     |                               |
|---------------------------|-------------------------------------------|-------------------------------------|-------------------------------|
| <b>Company:</b>           | DELAWARE BASIN EAST                       | <b>Local Co-ordinate Reference:</b> | Well BEDLINGTON FED COM 703H  |
| <b>Project:</b>           | BULLDOG PROSPECT (NM-E)                   | <b>TVD Reference:</b>               | KB=26' @ 3649.0usft (McVay 8) |
| <b>Reference Site:</b>    | BEDLINGTON FEDERAL PROJECT (BULLDOG 2332) | <b>MD Reference:</b>                | KB=26' @ 3649.0usft (McVay 8) |
| <b>Site Error:</b>        | 3.0 usft                                  | <b>North Reference:</b>             | Grid                          |
| <b>Reference Well:</b>    | BEDLINGTON FED COM 703H                   | <b>Survey Calculation Method:</b>   | Minimum Curvature             |
| <b>Well Error:</b>        | 3.0 usft                                  | <b>Output errors are at</b>         | 2.00 sigma                    |
| <b>Reference Wellbore</b> | OWB                                       | <b>Database:</b>                    | edm                           |
| <b>Reference Design:</b>  | PWP2                                      | <b>Offset TVD Reference:</b>        | Offset Datum                  |

| Offset Design                                             |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           | Offset Site Error: | 3.0 usft |
|-----------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|--------------------|----------|
| Survey Program: 0-Standard Keeper 104, 9013-MWD+IFR1+FDIR |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           | Offset Well Error: | 3.0 usft |
| Reference                                                 | Offset                | Semi Major Axis       |                       | Distance         |               |                       |                                     |              |                        |                         |                           |                    |          |
| Measured Depth (usft)                                     | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor  | Warning  |
| 600.0                                                     | 600.0                 | 602.0                 | 602.0                 | 3.1              | 3.1           | 5.40                  | 200.1                               | 18.9         | 201.0                  | 194.9                   | 6.16                      | 32.610             |          |
| 700.0                                                     | 700.0                 | 702.0                 | 702.0                 | 3.1              | 3.1           | 5.40                  | 200.1                               | 18.9         | 201.0                  | 194.8                   | 6.23                      | 32.267             |          |
| 800.0                                                     | 800.0                 | 802.0                 | 802.0                 | 3.2              | 3.2           | 5.40                  | 200.1                               | 18.9         | 201.0                  | 194.7                   | 6.31                      | 31.879             |          |
| 900.0                                                     | 900.0                 | 902.0                 | 902.0                 | 3.2              | 3.2           | 5.40                  | 200.1                               | 18.9         | 201.0                  | 194.6                   | 6.39                      | 31.451             |          |
| 1,000.0                                                   | 1,000.0               | 1,002.0               | 1,002.0               | 3.2              | 3.2           | 5.40                  | 200.1                               | 18.9         | 201.0                  | 194.5                   | 6.49                      | 30.989             |          |
| 1,100.0                                                   | 1,100.0               | 1,102.0               | 1,102.0               | 3.3              | 3.3           | 5.40                  | 200.1                               | 18.9         | 201.0                  | 194.4                   | 6.59                      | 30.499             |          |
| 1,200.0                                                   | 1,200.0               | 1,202.0               | 1,202.0               | 3.4              | 3.4           | 5.40                  | 200.1                               | 18.9         | 201.0                  | 194.3                   | 6.70                      | 29.984             |          |
| 1,300.0                                                   | 1,300.0               | 1,302.0               | 1,302.0               | 3.4              | 3.4           | 5.40                  | 200.1                               | 18.9         | 201.0                  | 194.2                   | 6.83                      | 29.451             |          |
| 1,400.0                                                   | 1,400.0               | 1,402.0               | 1,402.0               | 3.5              | 3.5           | 5.40                  | 200.1                               | 18.9         | 201.0                  | 194.1                   | 6.95                      | 28.904             |          |
| 1,500.0                                                   | 1,500.0               | 1,502.0               | 1,502.0               | 3.5              | 3.5           | 5.40                  | 200.1                               | 18.9         | 201.0                  | 193.9                   | 7.09                      | 28.348             |          |
| 1,600.0                                                   | 1,600.0               | 1,602.0               | 1,602.0               | 3.6              | 3.6           | 5.40                  | 200.1                               | 18.9         | 201.0                  | 193.8                   | 7.23                      | 27.786             |          |
| 1,700.0                                                   | 1,700.0               | 1,702.0               | 1,702.0               | 3.7              | 3.7           | 5.40                  | 200.1                               | 18.9         | 201.0                  | 193.6                   | 7.38                      | 27.221             |          |
| 1,800.0                                                   | 1,800.0               | 1,802.0               | 1,802.0               | 3.8              | 3.8           | 5.40                  | 200.1                               | 18.9         | 201.0                  | 193.5                   | 7.54                      | 26.657             |          |
| 1,900.0                                                   | 1,900.0               | 1,902.0               | 1,902.0               | 3.9              | 3.9           | 5.40                  | 200.1                               | 18.9         | 201.0                  | 193.3                   | 7.70                      | 26.096             |          |
| 2,000.0                                                   | 2,000.0               | 2,002.0               | 2,002.0               | 3.9              | 3.9           | 5.40                  | 200.1                               | 18.9         | 201.0                  | 193.2                   | 7.87                      | 25.541             |          |
| 2,100.0                                                   | 2,100.0               | 2,102.0               | 2,102.0               | 4.0              | 4.0           | 5.40                  | 200.1                               | 18.9         | 201.0                  | 193.0                   | 8.04                      | 24.993             |          |
| 2,200.0                                                   | 2,200.0               | 2,202.0               | 2,202.0               | 4.1              | 4.1           | 5.40                  | 200.1                               | 18.9         | 201.0                  | 192.8                   | 8.22                      | 24.453             |          |
| 2,300.0                                                   | 2,300.0               | 2,302.0               | 2,302.0               | 4.2              | 4.2           | 5.40                  | 200.1                               | 18.9         | 201.0                  | 192.6                   | 8.40                      | 23.924             |          |
| 2,400.0                                                   | 2,400.0               | 2,402.0               | 2,402.0               | 4.3              | 4.3           | 5.40                  | 200.1                               | 18.9         | 201.0                  | 192.4                   | 8.59                      | 23.406             |          |
| 2,416.0                                                   | 2,416.0               | 2,418.0               | 2,418.0               | 4.3              | 4.3           | 5.40                  | 200.1                               | 18.9         | 201.0                  | 192.4                   | 8.62                      | 23.324 CC          |          |
| 2,500.0                                                   | 2,500.0               | 2,502.0               | 2,502.0               | 4.4              | 4.4           | 5.40                  | 200.1                               | 18.9         | 201.0                  | 192.2                   | 8.78                      | 22.900 ES          |          |
| 2,600.0                                                   | 2,600.0               | 2,600.0               | 2,600.0               | 4.5              | 4.5           | 4.92                  | 200.7                               | 17.3         | 201.5                  | 192.5                   | 8.95                      | 22.520             |          |
| 2,700.0                                                   | 2,700.0               | 2,698.2               | 2,698.0               | 4.6              | 4.5           | 3.52                  | 202.5                               | 12.5         | 202.9                  | 193.8                   | 9.10                      | 22.300             |          |
| 2,800.0                                                   | 2,800.0               | 2,795.7               | 2,795.2               | 4.7              | 4.6           | 1.28                  | 205.3                               | 4.6          | 205.5                  | 196.3                   | 9.26                      | 22.202             |          |
| 2,900.0                                                   | 2,900.0               | 2,895.0               | 2,894.0               | 4.8              | 4.6           | -1.42                 | 208.9                               | -5.2         | 209.1                  | 199.7                   | 9.42                      | 22.202 SF          |          |
| 3,000.0                                                   | 3,000.0               | 2,994.5               | 2,992.9               | 4.9              | 4.7           | -4.02                 | 212.5                               | -14.9        | 213.2                  | 203.6                   | 9.58                      | 22.250             |          |
| 3,100.0                                                   | 3,100.0               | 3,094.0               | 3,091.8               | 5.0              | 4.8           | -6.53                 | 216.0                               | -24.7        | 217.7                  | 207.9                   | 9.74                      | 22.343             |          |
| 3,200.0                                                   | 3,200.0               | 3,193.4               | 3,190.7               | 5.1              | 4.8           | -8.92                 | 219.6                               | -34.5        | 222.5                  | 212.6                   | 9.90                      | 22.475             |          |
| 3,300.0                                                   | 3,300.0               | 3,292.9               | 3,289.6               | 5.2              | 4.9           | -11.22                | 223.1                               | -44.2        | 227.8                  | 217.7                   | 10.06                     | 22.643             |          |
| 3,400.0                                                   | 3,400.0               | 3,392.3               | 3,388.5               | 5.3              | 5.0           | -13.40                | 226.7                               | -54.0        | 233.4                  | 223.2                   | 10.22                     | 22.842             |          |
| 3,500.0                                                   | 3,500.0               | 3,491.8               | 3,487.4               | 5.4              | 5.0           | -15.49                | 230.2                               | -63.8        | 239.3                  | 229.0                   | 10.38                     | 23.068             |          |
| 3,600.0                                                   | 3,600.0               | 3,591.2               | 3,586.3               | 5.5              | 5.1           | -17.46                | 233.8                               | -73.6        | 245.6                  | 235.0                   | 10.53                     | 23.317             |          |
| 3,700.0                                                   | 3,700.0               | 3,690.7               | 3,685.2               | 5.7              | 5.2           | -19.34                | 237.3                               | -83.3        | 252.1                  | 241.4                   | 10.69                     | 23.586             |          |
| 3,800.0                                                   | 3,800.0               | 3,790.1               | 3,784.1               | 5.8              | 5.3           | -21.13                | 240.9                               | -93.1        | 258.9                  | 248.0                   | 10.84                     | 23.872             |          |
| 3,900.0                                                   | 3,900.0               | 3,889.6               | 3,883.1               | 5.9              | 5.4           | -22.82                | 244.5                               | -102.9       | 265.9                  | 254.9                   | 11.00                     | 24.172             |          |
| 4,000.0                                                   | 4,000.0               | 3,989.0               | 3,982.0               | 6.0              | 5.5           | -24.42                | 248.0                               | -112.6       | 273.1                  | 262.0                   | 11.16                     | 24.483             |          |
| 4,100.0                                                   | 4,100.0               | 4,088.5               | 4,080.9               | 6.1              | 5.5           | -25.95                | 251.6                               | -122.4       | 280.6                  | 269.2                   | 11.31                     | 24.802             |          |
| 4,200.0                                                   | 4,200.0               | 4,187.9               | 4,179.8               | 6.2              | 5.6           | -27.39                | 255.1                               | -132.2       | 288.2                  | 276.7                   | 11.47                     | 25.129             |          |
| 4,300.0                                                   | 4,300.0               | 4,287.4               | 4,278.7               | 6.3              | 5.7           | -28.75                | 258.7                               | -141.9       | 296.0                  | 284.3                   | 11.62                     | 25.461             |          |
| 4,400.0                                                   | 4,400.0               | 4,386.8               | 4,377.6               | 6.5              | 5.8           | -30.05                | 262.2                               | -151.7       | 303.9                  | 292.1                   | 11.78                     | 25.796             |          |
| 4,500.0                                                   | 4,500.0               | 4,486.3               | 4,476.5               | 6.6              | 5.9           | -31.28                | 265.8                               | -161.5       | 312.0                  | 300.1                   | 11.94                     | 26.134             |          |
| 4,600.0                                                   | 4,600.0               | 4,585.7               | 4,575.4               | 6.7              | 6.0           | -32.45                | 269.3                               | -171.2       | 320.3                  | 308.2                   | 12.10                     | 26.472             |          |
| 4,700.0                                                   | 4,700.0               | 4,685.2               | 4,674.3               | 6.8              | 6.1           | -33.56                | 272.9                               | -181.0       | 328.6                  | 316.4                   | 12.26                     | 26.809             |          |
| 4,800.0                                                   | 4,800.0               | 4,784.6               | 4,773.2               | 6.9              | 6.2           | -34.61                | 276.5                               | -190.8       | 337.1                  | 324.7                   | 12.42                     | 27.146             |          |
| 4,900.0                                                   | 4,900.0               | 4,884.1               | 4,872.1               | 7.0              | 6.3           | -35.61                | 280.0                               | -200.5       | 345.7                  | 333.1                   | 12.58                     | 27.481             |          |
| 5,000.0                                                   | 5,000.0               | 4,983.5               | 4,971.0               | 7.2              | 6.4           | -36.56                | 283.6                               | -210.3       | 354.4                  | 341.7                   | 12.74                     | 27.813             |          |
| 5,100.0                                                   | 5,100.0               | 5,083.0               | 5,069.9               | 7.3              | 6.5           | -37.47                | 287.1                               | -220.1       | 363.2                  | 350.3                   | 12.91                     | 28.141             |          |
| 5,200.0                                                   | 5,200.0               | 5,182.4               | 5,168.8               | 7.4              | 6.6           | -38.34                | 290.7                               | -229.9       | 372.1                  | 359.0                   | 13.07                     | 28.466             |          |
| 5,300.0                                                   | 5,300.0               | 5,281.9               | 5,267.8               | 7.5              | 6.7           | -39.16                | 294.2                               | -239.6       | 381.0                  | 367.8                   | 13.24                     | 28.787             |          |
| 5,400.0                                                   | 5,400.0               | 5,381.4               | 5,366.7               | 7.6              | 6.8           | -39.95                | 297.8                               | -249.4       | 390.0                  | 376.6                   | 13.40                     | 29.103             |          |
| 5,500.0                                                   | 5,500.0               | 5,480.8               | 5,465.6               | 7.8              | 6.9           | -40.70                | 301.3                               | -259.2       | 399.1                  | 385.5                   | 13.57                     | 29.415             |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Concho Resources LLC

## Anticollision Report

|                           |                                           |                                     |                               |
|---------------------------|-------------------------------------------|-------------------------------------|-------------------------------|
| <b>Company:</b>           | DELAWARE BASIN EAST                       | <b>Local Co-ordinate Reference:</b> | Well BEDLINGTON FED COM 703H  |
| <b>Project:</b>           | BULLDOG PROSPECT (NM-E)                   | <b>TVD Reference:</b>               | KB=26' @ 3649.0usft (McVay 8) |
| <b>Reference Site:</b>    | BEDLINGTON FEDERAL PROJECT (BULLDOG 2332) | <b>MD Reference:</b>                | KB=26' @ 3649.0usft (McVay 8) |
| <b>Site Error:</b>        | 3.0 usft                                  | <b>North Reference:</b>             | Grid                          |
| <b>Reference Well:</b>    | BEDLINGTON FED COM 703H                   | <b>Survey Calculation Method:</b>   | Minimum Curvature             |
| <b>Well Error:</b>        | 3.0 usft                                  | <b>Output errors are at</b>         | 2.00 sigma                    |
| <b>Reference Wellbore</b> | OWB                                       | <b>Database:</b>                    | edm                           |
| <b>Reference Design:</b>  | PWP2                                      | <b>Offset TVD Reference:</b>        | Offset Datum                  |

| Offset Design                                                                   |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           | Offset Site Error: | 3.0 usft |
|---------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|--------------------|----------|
| BEDLINGTON FEDERAL PROJECT (BULLDOG 2332) - BEDLINGTON FED COM 201H - OWB - PWP |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           | Offset Well Error: | 3.0 usft |
| Survey Program: 0-Standard Keeper 104, 9013-MWD+IFR1+FDIR                       |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                    |          |
| Reference                                                                       |                       | Offset                |                       | Semi Major Axis  |               |                       | Distance                            |              |                        |                         |                           |                    |          |
| Measured Depth (usft)                                                           | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor  | Warning  |
| 5,600.0                                                                         | 5,600.0               | 5,580.1               | 5,564.3               | 7.8              | 7.0           | -150.59               | 304.9                               | -268.9       | 409.8                  | 396.1                   | 13.67                     | 29.978             |          |
| 5,700.0                                                                         | 5,699.8               | 5,678.8               | 5,662.5               | 7.8              | 7.1           | -151.48               | 308.4                               | -278.6       | 423.6                  | 409.9                   | 13.70                     | 30.913             |          |
| 5,740.7                                                                         | 5,740.4               | 5,718.8               | 5,702.3               | 7.8              | 7.2           | -151.87               | 309.8                               | -282.5       | 430.1                  | 416.4                   | 13.71                     | 31.361             |          |
| 5,800.0                                                                         | 5,799.5               | 5,777.1               | 5,760.2               | 7.9              | 7.2           | -152.54               | 311.9                               | -288.3       | 440.0                  | 426.3                   | 13.73                     | 32.041             |          |
| 5,900.0                                                                         | 5,899.2               | 5,875.3               | 5,857.9               | 7.9              | 7.3           | -153.61               | 315.4                               | -297.9       | 456.9                  | 443.1                   | 13.77                     | 33.177             |          |
| 6,000.0                                                                         | 5,998.8               | 5,973.5               | 5,955.6               | 7.9              | 7.4           | -154.60               | 319.0                               | -307.6       | 473.9                  | 460.1                   | 13.82                     | 34.297             |          |
| 6,100.0                                                                         | 6,098.4               | 6,071.8               | 6,053.3               | 7.9              | 7.5           | -155.52               | 322.5                               | -317.2       | 491.0                  | 477.1                   | 13.87                     | 35.400             |          |
| 6,200.0                                                                         | 6,198.1               | 6,170.0               | 6,151.0               | 7.9              | 7.7           | -156.38               | 326.0                               | -326.9       | 508.3                  | 494.3                   | 13.93                     | 36.483             |          |
| 6,300.0                                                                         | 6,297.7               | 6,268.2               | 6,248.7               | 7.9              | 7.8           | -157.18               | 329.5                               | -336.5       | 525.6                  | 511.6                   | 14.00                     | 37.544             |          |
| 6,400.0                                                                         | 6,397.4               | 6,366.4               | 6,346.4               | 8.0              | 7.9           | -157.93               | 333.0                               | -346.1       | 543.0                  | 529.0                   | 14.08                     | 38.582             |          |
| 6,500.0                                                                         | 6,497.0               | 6,464.7               | 6,444.0               | 8.0              | 8.0           | -158.63               | 336.5                               | -355.8       | 560.6                  | 546.4                   | 14.16                     | 39.594             |          |
| 6,600.0                                                                         | 6,596.7               | 6,562.9               | 6,541.7               | 8.0              | 8.1           | -159.30               | 340.0                               | -365.4       | 578.2                  | 563.9                   | 14.25                     | 40.581             |          |
| 6,700.0                                                                         | 6,696.3               | 6,661.1               | 6,639.4               | 8.1              | 8.2           | -159.92               | 343.5                               | -375.1       | 595.8                  | 581.5                   | 14.34                     | 41.540             |          |
| 6,800.0                                                                         | 6,796.0               | 6,759.3               | 6,737.1               | 8.1              | 8.3           | -160.51               | 347.0                               | -384.7       | 613.6                  | 599.1                   | 14.45                     | 42.472             |          |
| 6,900.0                                                                         | 6,895.6               | 6,857.6               | 6,834.8               | 8.1              | 8.4           | -161.06               | 350.6                               | -394.4       | 631.4                  | 616.8                   | 14.56                     | 43.377             |          |
| 7,000.0                                                                         | 6,995.3               | 6,955.8               | 6,932.5               | 8.2              | 8.6           | -161.58               | 354.1                               | -404.0       | 649.2                  | 634.6                   | 14.67                     | 44.253             |          |
| 7,100.0                                                                         | 7,094.9               | 7,054.0               | 7,030.2               | 8.2              | 8.7           | -162.08               | 357.6                               | -413.7       | 667.1                  | 652.3                   | 14.79                     | 45.101             |          |
| 7,200.0                                                                         | 7,194.6               | 7,152.2               | 7,127.8               | 8.2              | 8.8           | -162.55               | 361.1                               | -423.3       | 685.1                  | 670.2                   | 14.92                     | 45.920             |          |
| 7,300.0                                                                         | 7,294.2               | 7,250.5               | 7,225.5               | 8.3              | 8.9           | -162.99               | 364.6                               | -433.0       | 703.1                  | 688.0                   | 15.05                     | 46.712             |          |
| 7,400.0                                                                         | 7,393.9               | 7,348.7               | 7,323.2               | 8.3              | 9.0           | -163.42               | 368.1                               | -442.6       | 721.1                  | 705.9                   | 15.19                     | 47.476             |          |
| 7,500.0                                                                         | 7,493.5               | 7,446.9               | 7,420.9               | 8.4              | 9.1           | -163.82               | 371.6                               | -452.3       | 739.2                  | 723.8                   | 15.33                     | 48.213             |          |
| 7,600.0                                                                         | 7,593.2               | 7,545.1               | 7,518.6               | 8.4              | 9.2           | -164.21               | 375.1                               | -461.9       | 757.3                  | 741.8                   | 15.48                     | 48.923             |          |
| 7,700.0                                                                         | 7,692.8               | 7,643.4               | 7,616.3               | 8.5              | 9.4           | -164.57               | 378.7                               | -471.6       | 775.4                  | 759.8                   | 15.63                     | 49.606             |          |
| 7,800.0                                                                         | 7,792.5               | 7,741.6               | 7,714.0               | 8.5              | 9.5           | -164.92               | 382.2                               | -481.2       | 793.6                  | 777.8                   | 15.79                     | 50.264             |          |
| 7,900.0                                                                         | 7,892.1               | 7,839.8               | 7,811.7               | 8.6              | 9.6           | -165.25               | 385.7                               | -490.9       | 811.7                  | 795.8                   | 15.95                     | 50.897             |          |
| 8,000.0                                                                         | 7,991.7               | 7,938.0               | 7,909.3               | 8.7              | 9.7           | -165.57               | 389.2                               | -500.5       | 830.0                  | 813.8                   | 16.11                     | 51.505             |          |
| 8,100.0                                                                         | 8,091.4               | 8,036.3               | 8,007.0               | 8.7              | 9.8           | -165.88               | 392.7                               | -510.2       | 848.2                  | 831.9                   | 16.28                     | 52.089             |          |
| 8,200.0                                                                         | 8,191.0               | 8,134.5               | 8,104.7               | 8.8              | 10.0          | -166.17               | 396.2                               | -519.8       | 866.4                  | 850.0                   | 16.46                     | 52.651             |          |
| 8,300.0                                                                         | 8,290.7               | 8,232.7               | 8,202.4               | 8.8              | 10.1          | -166.45               | 399.7                               | -529.5       | 884.7                  | 868.1                   | 16.63                     | 53.190             |          |
| 8,400.0                                                                         | 8,390.3               | 8,330.9               | 8,300.1               | 8.9              | 10.2          | -166.72               | 403.2                               | -539.1       | 903.0                  | 886.2                   | 16.81                     | 53.708             |          |
| 8,500.0                                                                         | 8,490.0               | 8,429.2               | 8,397.8               | 9.0              | 10.3          | -166.98               | 406.7                               | -548.8       | 921.3                  | 904.4                   | 17.00                     | 54.206             |          |
| 8,600.0                                                                         | 8,589.6               | 8,527.4               | 8,495.5               | 9.0              | 10.4          | -167.23               | 410.3                               | -558.4       | 939.7                  | 922.5                   | 17.18                     | 54.683             |          |
| 8,700.0                                                                         | 8,689.3               | 8,625.6               | 8,593.1               | 9.1              | 10.6          | -167.47               | 413.8                               | -568.1       | 958.0                  | 940.7                   | 17.37                     | 55.141             |          |
| 8,800.0                                                                         | 8,788.9               | 8,723.8               | 8,690.8               | 9.2              | 10.7          | -167.70               | 417.3                               | -577.7       | 976.4                  | 958.8                   | 17.57                     | 55.581             |          |
| 8,900.0                                                                         | 8,888.6               | 8,822.1               | 8,788.5               | 9.3              | 10.8          | -167.92               | 420.8                               | -587.4       | 994.8                  | 977.0                   | 17.76                     | 56.002             |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Concho Resources LLC

## Anticollision Report

|                           |                                           |                                     |                               |
|---------------------------|-------------------------------------------|-------------------------------------|-------------------------------|
| <b>Company:</b>           | DELAWARE BASIN EAST                       | <b>Local Co-ordinate Reference:</b> | Well BEDLINGTON FED COM 703H  |
| <b>Project:</b>           | BULLDOG PROSPECT (NM-E)                   | <b>TVD Reference:</b>               | KB=26' @ 3649.0usft (McVay 8) |
| <b>Reference Site:</b>    | BEDLINGTON FEDERAL PROJECT (BULLDOG 2332) | <b>MD Reference:</b>                | KB=26' @ 3649.0usft (McVay 8) |
| <b>Site Error:</b>        | 3.0 usft                                  | <b>North Reference:</b>             | Grid                          |
| <b>Reference Well:</b>    | BEDLINGTON FED COM 703H                   | <b>Survey Calculation Method:</b>   | Minimum Curvature             |
| <b>Well Error:</b>        | 3.0 usft                                  | <b>Output errors are at</b>         | 2.00 sigma                    |
| <b>Reference Wellbore</b> | OWB                                       | <b>Database:</b>                    | edm                           |
| <b>Reference Design:</b>  | PWP2                                      | <b>Offset TVD Reference:</b>        | Offset Datum                  |

| Offset Design                                             |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           | Offset Site Error: | 3.0 usft |
|-----------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|--------------------|----------|
| Survey Program: 0-Standard Keeper 104, 8932-MWD+IFR1+FDIR |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           | Offset Well Error: | 3.0 usft |
| Reference                                                 | Offset                | Semi Major Axis       |                       | Distance         |               |                       |                                     |              |                        |                         |                           | Warning            |          |
| Measured Depth (usft)                                     | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor  |          |
| 0.0                                                       | 0.0                   | 2.0                   | 2.0                   | 3.0              | 3.0           | 13.70                 | 200.4                               | 48.9         | 206.3                  |                         |                           |                    |          |
| 100.0                                                     | 100.0                 | 102.0                 | 102.0                 | 3.0              | 3.0           | 13.70                 | 200.4                               | 48.9         | 206.3                  | 200.3                   | 6.00                      | 34.381             |          |
| 200.0                                                     | 200.0                 | 202.0                 | 202.0                 | 3.0              | 3.0           | 13.70                 | 200.4                               | 48.9         | 206.3                  | 200.3                   | 6.01                      | 34.325             |          |
| 300.0                                                     | 300.0                 | 302.0                 | 302.0                 | 3.0              | 3.0           | 13.70                 | 200.4                               | 48.9         | 206.3                  | 200.3                   | 6.03                      | 34.207             |          |
| 400.0                                                     | 400.0                 | 402.0                 | 402.0                 | 3.0              | 3.0           | 13.70                 | 200.4                               | 48.9         | 206.3                  | 200.3                   | 6.06                      | 34.027             |          |
| 500.0                                                     | 500.0                 | 502.0                 | 502.0                 | 3.1              | 3.1           | 13.70                 | 200.4                               | 48.9         | 206.3                  | 200.2                   | 6.11                      | 33.790             |          |
| 600.0                                                     | 600.0                 | 602.0                 | 602.0                 | 3.1              | 3.1           | 13.70                 | 200.4                               | 48.9         | 206.3                  | 200.2                   | 6.16                      | 33.499             |          |
| 700.0                                                     | 700.0                 | 702.0                 | 702.0                 | 3.1              | 3.1           | 13.70                 | 200.4                               | 48.9         | 206.3                  | 200.1                   | 6.22                      | 33.158             |          |
| 800.0                                                     | 800.0                 | 802.0                 | 802.0                 | 3.2              | 3.2           | 13.70                 | 200.4                               | 48.9         | 206.3                  | 200.0                   | 6.30                      | 32.771             |          |
| 900.0                                                     | 900.0                 | 902.0                 | 902.0                 | 3.2              | 3.2           | 13.70                 | 200.4                               | 48.9         | 206.3                  | 199.9                   | 6.38                      | 32.345             |          |
| 1,000.0                                                   | 1,000.0               | 1,002.0               | 1,002.0               | 3.2              | 3.2           | 13.70                 | 200.4                               | 48.9         | 206.3                  | 199.8                   | 6.47                      | 31.884             |          |
| 1,100.0                                                   | 1,100.0               | 1,102.0               | 1,102.0               | 3.3              | 3.3           | 13.70                 | 200.4                               | 48.9         | 206.3                  | 199.7                   | 6.57                      | 31.394             |          |
| 1,200.0                                                   | 1,200.0               | 1,202.0               | 1,202.0               | 3.4              | 3.4           | 13.70                 | 200.4                               | 48.9         | 206.3                  | 199.6                   | 6.68                      | 30.879             |          |
| 1,300.0                                                   | 1,300.0               | 1,302.0               | 1,302.0               | 3.4              | 3.4           | 13.70                 | 200.4                               | 48.9         | 206.3                  | 199.5                   | 6.80                      | 30.345             |          |
| 1,400.0                                                   | 1,400.0               | 1,402.0               | 1,402.0               | 3.5              | 3.5           | 13.70                 | 200.4                               | 48.9         | 206.3                  | 199.4                   | 6.92                      | 29.796             |          |
| 1,500.0                                                   | 1,500.0               | 1,502.0               | 1,502.0               | 3.5              | 3.5           | 13.70                 | 200.4                               | 48.9         | 206.3                  | 199.3                   | 7.06                      | 29.237             |          |
| 1,600.0                                                   | 1,600.0               | 1,602.0               | 1,602.0               | 3.6              | 3.6           | 13.70                 | 200.4                               | 48.9         | 206.3                  | 199.1                   | 7.20                      | 28.671             |          |
| 1,700.0                                                   | 1,700.0               | 1,702.0               | 1,702.0               | 3.7              | 3.7           | 13.70                 | 200.4                               | 48.9         | 206.3                  | 199.0                   | 7.34                      | 28.102             |          |
| 1,800.0                                                   | 1,800.0               | 1,802.0               | 1,802.0               | 3.8              | 3.8           | 13.70                 | 200.4                               | 48.9         | 206.3                  | 198.8                   | 7.49                      | 27.532             |          |
| 1,900.0                                                   | 1,900.0               | 1,902.0               | 1,902.0               | 3.9              | 3.9           | 13.70                 | 200.4                               | 48.9         | 206.3                  | 198.7                   | 7.65                      | 26.965             |          |
| 2,000.0                                                   | 2,000.0               | 2,002.0               | 2,002.0               | 3.9              | 3.9           | 13.70                 | 200.4                               | 48.9         | 206.3                  | 198.5                   | 7.81                      | 26.403             |          |
| 2,100.0                                                   | 2,100.0               | 2,102.0               | 2,102.0               | 4.0              | 4.0           | 13.70                 | 200.4                               | 48.9         | 206.3                  | 198.3                   | 7.98                      | 25.848             |          |
| 2,200.0                                                   | 2,200.0               | 2,202.0               | 2,202.0               | 4.1              | 4.1           | 13.70                 | 200.4                               | 48.9         | 206.3                  | 198.2                   | 8.15                      | 25.300             |          |
| 2,300.0                                                   | 2,300.0               | 2,302.0               | 2,302.0               | 4.2              | 4.2           | 13.70                 | 200.4                               | 48.9         | 206.3                  | 198.0                   | 8.33                      | 24.762             |          |
| 2,400.0                                                   | 2,400.0               | 2,402.0               | 2,402.0               | 4.3              | 4.3           | 13.70                 | 200.4                               | 48.9         | 206.3                  | 197.8                   | 8.51                      | 24.235             |          |
| 2,500.0                                                   | 2,500.0               | 2,502.1               | 2,502.1               | 4.4              | 4.4           | 13.70                 | 200.4                               | 48.9         | 206.3                  | 197.6                   | 8.70                      | 23.722             |          |
| 2,600.0                                                   | 2,600.0               | 2,608.7               | 2,608.6               | 4.5              | 4.4           | 13.41                 | 199.0                               | 47.4         | 204.7                  | 195.8                   | 8.82                      | 23.197             |          |
| 2,700.0                                                   | 2,700.0               | 2,712.7               | 2,712.6               | 4.6              | 4.4           | 12.57                 | 195.0                               | 43.5         | 200.0                  | 191.1                   | 8.90                      | 22.476             |          |
| 2,800.0                                                   | 2,800.0               | 2,812.5               | 2,812.2               | 4.7              | 4.4           | 11.60                 | 190.6                               | 39.1         | 194.8                  | 185.8                   | 8.99                      | 21.667             |          |
| 2,900.0                                                   | 2,900.0               | 2,912.3               | 2,911.8               | 4.8              | 4.4           | 10.57                 | 186.1                               | 34.7         | 189.6                  | 180.5                   | 9.09                      | 20.868             |          |
| 3,000.0                                                   | 3,000.0               | 3,012.2               | 3,011.4               | 4.9              | 4.4           | 9.48                  | 181.7                               | 30.4         | 184.5                  | 175.3                   | 9.19                      | 20.080             |          |
| 3,100.0                                                   | 3,100.0               | 3,112.0               | 3,111.0               | 5.0              | 4.4           | 8.34                  | 177.3                               | 26.0         | 179.4                  | 170.1                   | 9.29                      | 19.306             |          |
| 3,200.0                                                   | 3,200.0               | 3,211.8               | 3,210.6               | 5.1              | 4.4           | 7.13                  | 172.9                               | 21.6         | 174.4                  | 165.0                   | 9.41                      | 18.548             |          |
| 3,300.0                                                   | 3,300.0               | 3,311.6               | 3,310.2               | 5.2              | 4.4           | 5.84                  | 168.5                               | 17.2         | 169.5                  | 160.0                   | 9.52                      | 17.807             |          |
| 3,400.0                                                   | 3,400.0               | 3,411.4               | 3,409.8               | 5.3              | 4.4           | 4.49                  | 164.1                               | 12.9         | 164.7                  | 155.1                   | 9.64                      | 17.086             |          |
| 3,500.0                                                   | 3,500.0               | 3,511.2               | 3,509.5               | 5.4              | 4.4           | 3.05                  | 159.6                               | 8.5          | 160.0                  | 150.3                   | 9.77                      | 16.385             |          |
| 3,600.0                                                   | 3,600.0               | 3,611.0               | 3,609.1               | 5.5              | 4.4           | 1.52                  | 155.2                               | 4.1          | 155.4                  | 145.5                   | 9.89                      | 15.708             |          |
| 3,700.0                                                   | 3,700.0               | 3,710.8               | 3,708.7               | 5.7              | 4.5           | -0.09                 | 150.8                               | -0.2         | 150.9                  | 140.9                   | 10.03                     | 15.056             |          |
| 3,800.0                                                   | 3,800.0               | 3,810.6               | 3,808.3               | 5.8              | 4.5           | -1.81                 | 146.4                               | -4.6         | 146.6                  | 136.4                   | 10.16                     | 14.429             |          |
| 3,900.0                                                   | 3,900.0               | 3,910.4               | 3,907.9               | 5.9              | 4.5           | -3.62                 | 142.0                               | -9.0         | 142.4                  | 132.1                   | 10.29                     | 13.831             |          |
| 4,000.0                                                   | 4,000.0               | 4,010.2               | 4,007.5               | 6.0              | 4.6           | -5.55                 | 137.5                               | -13.4        | 138.3                  | 127.9                   | 10.43                     | 13.262             |          |
| 4,100.0                                                   | 4,100.0               | 4,110.0               | 4,107.1               | 6.1              | 4.6           | -7.59                 | 133.1                               | -17.7        | 134.4                  | 123.8                   | 10.56                     | 12.724             |          |
| 4,200.0                                                   | 4,200.0               | 4,209.8               | 4,206.7               | 6.2              | 4.6           | -9.74                 | 128.7                               | -22.1        | 130.7                  | 120.0                   | 10.70                     | 12.218             |          |
| 4,300.0                                                   | 4,300.0               | 4,309.6               | 4,306.4               | 6.3              | 4.7           | -12.02                | 124.3                               | -26.5        | 127.2                  | 116.3                   | 10.83                     | 11.746             |          |
| 4,400.0                                                   | 4,400.0               | 4,409.4               | 4,406.0               | 6.5              | 4.7           | -14.43                | 119.9                               | -30.8        | 123.8                  | 112.9                   | 10.95                     | 11.310             |          |
| 4,500.0                                                   | 4,500.0               | 4,509.2               | 4,505.6               | 6.6              | 4.8           | -16.96                | 115.5                               | -35.2        | 120.8                  | 109.7                   | 11.07                     | 10.910             |          |
| 4,600.0                                                   | 4,600.0               | 4,609.0               | 4,605.2               | 6.7              | 4.8           | -19.62                | 111.0                               | -39.6        | 117.9                  | 106.7                   | 11.18                     | 10.547             |          |
| 4,700.0                                                   | 4,700.0               | 4,708.9               | 4,704.8               | 6.8              | 4.9           | -22.40                | 106.6                               | -44.0        | 115.4                  | 104.1                   | 11.28                     | 10.224             |          |
| 4,800.0                                                   | 4,800.0               | 4,808.7               | 4,804.4               | 6.9              | 5.0           | -25.31                | 102.2                               | -48.3        | 113.1                  | 101.7                   | 11.38                     | 9.941              |          |
| 4,900.0                                                   | 4,900.0               | 4,908.5               | 4,904.0               | 7.0              | 5.0           | -28.32                | 97.8                                | -52.7        | 111.1                  | 99.6                    | 11.46                     | 9.699              |          |
| 5,000.0                                                   | 5,000.0               | 5,008.3               | 5,003.6               | 7.2              | 5.1           | -31.43                | 93.4                                | -57.1        | 109.4                  | 97.9                    | 11.52                     | 9.498              |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Concho Resources LLC

## Anticollision Report

|                           |                                           |                                     |                               |
|---------------------------|-------------------------------------------|-------------------------------------|-------------------------------|
| <b>Company:</b>           | DELAWARE BASIN EAST                       | <b>Local Co-ordinate Reference:</b> | Well BEDLINGTON FED COM 703H  |
| <b>Project:</b>           | BULLDOG PROSPECT (NM-E)                   | <b>TVD Reference:</b>               | KB=26' @ 3649.0usft (McVay 8) |
| <b>Reference Site:</b>    | BEDLINGTON FEDERAL PROJECT (BULLDOG 2332) | <b>MD Reference:</b>                | KB=26' @ 3649.0usft (McVay 8) |
| <b>Site Error:</b>        | 3.0 usft                                  | <b>North Reference:</b>             | Grid                          |
| <b>Reference Well:</b>    | BEDLINGTON FED COM 703H                   | <b>Survey Calculation Method:</b>   | Minimum Curvature             |
| <b>Well Error:</b>        | 3.0 usft                                  | <b>Output errors are at</b>         | 2.00 sigma                    |
| <b>Reference Wellbore</b> | OWB                                       | <b>Database:</b>                    | edm                           |
| <b>Reference Design:</b>  | PWP2                                      | <b>Offset TVD Reference:</b>        | Offset Datum                  |

| Offset Design                                             |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           | Offset Site Error: | 3.0 usft |
|-----------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|--------------------|----------|
| Survey Program: 0-Standard Keeper 104, 8932-MWD+IFR1+FDIR |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           | Offset Well Error: | 3.0 usft |
| Reference                                                 | Offset                | Semi Major Axis       |                       | Distance         |               |                       |                                     |              |                        |                         |                           |                    |          |
| Measured Depth (usft)                                     | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor  | Warning  |
| 5,100.0                                                   | 5,100.0               | 5,108.1               | 5,103.2               | 7.3              | 5.2           | -34.63                | 89.0                                | -61.4        | 108.1                  | 96.5                    | 11.58                     | 9.338              |          |
| 5,200.0                                                   | 5,200.0               | 5,207.9               | 5,202.9               | 7.4              | 5.2           | -37.90                | 84.5                                | -65.8        | 107.1                  | 95.5                    | 11.62                     | 9.221              |          |
| 5,300.0                                                   | 5,300.0               | 5,307.7               | 5,302.5               | 7.5              | 5.3           | -41.22                | 80.1                                | -70.2        | 106.5                  | 94.9                    | 11.65                     | 9.144              |          |
| 5,400.0                                                   | 5,400.0               | 5,407.5               | 5,402.1               | 7.6              | 5.4           | -44.56                | 75.7                                | -74.6        | 106.3                  | 94.6                    | 11.67                     | 9.107              |          |
| 5,422.0                                                   | 5,422.0               | 5,429.4               | 5,424.0               | 7.7              | 5.4           | -45.30                | 74.7                                | -75.5        | 106.2                  | 94.6                    | 11.67                     | 9.104 CC, ES, SF   |          |
| 5,500.0                                                   | 5,500.0               | 5,507.3               | 5,501.7               | 7.8              | 5.4           | -47.91                | 71.3                                | -78.9        | 106.4                  | 94.7                    | 11.68                     | 9.109              |          |
| 5,600.0                                                   | 5,600.0               | 5,607.0               | 5,601.2               | 7.8              | 5.5           | -160.70               | 66.9                                | -83.3        | 108.5                  | 96.9                    | 11.61                     | 9.341              |          |
| 5,700.0                                                   | 5,699.8               | 5,706.6               | 5,700.6               | 7.8              | 5.6           | -164.62               | 62.5                                | -87.7        | 114.4                  | 102.9                   | 11.49                     | 9.953              |          |
| 5,740.7                                                   | 5,740.4               | 5,747.0               | 5,740.9               | 7.8              | 5.6           | -166.22               | 60.7                                | -89.4        | 117.9                  | 106.4                   | 11.44                     | 10.299             |          |
| 5,800.0                                                   | 5,799.5               | 5,805.8               | 5,799.6               | 7.9              | 5.7           | -168.44               | 58.1                                | -92.0        | 123.5                  | 112.2                   | 11.39                     | 10.845             |          |
| 5,900.0                                                   | 5,899.2               | 5,905.1               | 5,898.7               | 7.9              | 5.8           | -171.74               | 53.7                                | -96.3        | 133.5                  | 122.2                   | 11.34                     | 11.772             |          |
| 6,000.0                                                   | 5,998.8               | 6,004.3               | 5,997.7               | 7.9              | 5.9           | -174.58               | 49.3                                | -100.7       | 143.8                  | 132.5                   | 11.33                     | 12.696             |          |
| 6,100.0                                                   | 6,098.4               | 6,103.5               | 6,096.7               | 7.9              | 5.9           | -177.04               | 44.9                                | -105.0       | 154.5                  | 143.1                   | 11.35                     | 13.605             |          |
| 6,200.0                                                   | 6,198.1               | 6,202.7               | 6,195.8               | 7.9              | 6.0           | -179.18               | 40.5                                | -109.4       | 165.3                  | 153.9                   | 11.41                     | 14.494             |          |
| 6,300.0                                                   | 6,297.7               | 6,302.0               | 6,294.8               | 7.9              | 6.1           | -178.95               | 36.1                                | -113.7       | 176.4                  | 164.9                   | 11.49                     | 15.357             |          |
| 6,400.0                                                   | 6,397.4               | 6,401.2               | 6,393.9               | 8.0              | 6.2           | -177.29               | 31.7                                | -118.1       | 187.7                  | 176.1                   | 11.59                     | 16.194             |          |
| 6,500.0                                                   | 6,497.0               | 6,500.4               | 6,492.9               | 8.0              | 6.3           | -175.83               | 27.3                                | -122.4       | 199.0                  | 187.3                   | 11.71                     | 17.003             |          |
| 6,600.0                                                   | 6,596.7               | 6,599.7               | 6,591.9               | 8.0              | 6.4           | -174.53               | 22.9                                | -126.8       | 210.5                  | 198.7                   | 11.84                     | 17.784             |          |
| 6,700.0                                                   | 6,696.3               | 6,698.9               | 6,691.0               | 8.1              | 6.5           | -173.36               | 18.5                                | -131.1       | 222.1                  | 210.2                   | 11.98                     | 18.537             |          |
| 6,800.0                                                   | 6,796.0               | 6,798.1               | 6,790.0               | 8.1              | 6.6           | -172.30               | 14.2                                | -135.5       | 233.8                  | 221.7                   | 12.14                     | 19.263             |          |
| 6,900.0                                                   | 6,895.6               | 6,897.3               | 6,889.0               | 8.1              | 6.7           | -171.35               | 9.8                                 | -139.8       | 245.6                  | 233.3                   | 12.30                     | 19.962             |          |
| 7,000.0                                                   | 6,995.3               | 6,996.6               | 6,988.1               | 8.2              | 6.8           | -170.48               | 5.4                                 | -144.2       | 257.4                  | 244.9                   | 12.47                     | 20.636             |          |
| 7,100.0                                                   | 7,094.9               | 7,095.8               | 7,087.1               | 8.2              | 6.9           | -169.69               | 1.0                                 | -148.5       | 269.2                  | 256.6                   | 12.65                     | 21.286             |          |
| 7,200.0                                                   | 7,194.6               | 7,195.0               | 7,186.1               | 8.2              | 7.0           | -168.97               | -3.4                                | -152.8       | 281.1                  | 268.3                   | 12.83                     | 21.912             |          |
| 7,300.0                                                   | 7,294.2               | 7,294.3               | 7,285.2               | 8.3              | 7.1           | -168.31               | -7.8                                | -157.2       | 293.1                  | 280.1                   | 13.02                     | 22.516             |          |
| 7,400.0                                                   | 7,393.9               | 7,393.5               | 7,384.2               | 8.3              | 7.2           | -167.69               | -12.2                               | -161.5       | 305.1                  | 291.9                   | 13.21                     | 23.098             |          |
| 7,500.0                                                   | 7,493.5               | 7,492.7               | 7,483.3               | 8.4              | 7.3           | -167.13               | -16.6                               | -165.9       | 317.1                  | 303.7                   | 13.40                     | 23.660             |          |
| 7,600.0                                                   | 7,593.2               | 7,591.9               | 7,582.3               | 8.4              | 7.4           | -166.60               | -21.0                               | -170.2       | 329.1                  | 315.5                   | 13.60                     | 24.202             |          |
| 7,700.0                                                   | 7,692.8               | 7,691.2               | 7,681.3               | 8.5              | 7.5           | -166.11               | -25.4                               | -174.6       | 341.2                  | 327.4                   | 13.80                     | 24.725             |          |
| 7,800.0                                                   | 7,792.5               | 7,790.4               | 7,780.4               | 8.5              | 7.6           | -165.66               | -29.8                               | -178.9       | 353.3                  | 339.3                   | 14.00                     | 25.231             |          |
| 7,900.0                                                   | 7,892.1               | 7,889.6               | 7,879.4               | 8.6              | 7.7           | -165.24               | -34.2                               | -183.3       | 365.4                  | 351.2                   | 14.21                     | 25.719             |          |
| 8,000.0                                                   | 7,991.7               | 7,988.9               | 7,978.4               | 8.7              | 7.8           | -164.84               | -38.5                               | -187.6       | 377.5                  | 363.1                   | 14.41                     | 26.192             |          |
| 8,100.0                                                   | 8,091.4               | 8,088.1               | 8,077.5               | 8.7              | 7.9           | -164.47               | -42.9                               | -192.0       | 389.7                  | 375.0                   | 14.62                     | 26.648             |          |
| 8,200.0                                                   | 8,191.0               | 8,187.3               | 8,176.5               | 8.8              | 8.0           | -164.12               | -47.3                               | -196.3       | 401.8                  | 387.0                   | 14.83                     | 27.089             |          |
| 8,300.0                                                   | 8,290.7               | 8,286.5               | 8,275.5               | 8.8              | 8.1           | -163.79               | -51.7                               | -200.7       | 414.0                  | 399.0                   | 15.05                     | 27.517             |          |
| 8,400.0                                                   | 8,390.3               | 8,385.8               | 8,374.6               | 8.9              | 8.2           | -163.48               | -56.1                               | -205.0       | 426.2                  | 410.9                   | 15.26                     | 27.930             |          |
| 8,500.0                                                   | 8,490.0               | 8,485.0               | 8,473.6               | 9.0              | 8.3           | -163.18               | -60.5                               | -209.3       | 438.4                  | 422.9                   | 15.47                     | 28.330             |          |
| 8,600.0                                                   | 8,589.6               | 8,584.2               | 8,572.7               | 9.0              | 8.4           | -162.91               | -64.9                               | -213.7       | 450.6                  | 434.9                   | 15.69                     | 28.717             |          |
| 8,700.0                                                   | 8,689.3               | 8,683.5               | 8,671.7               | 9.1              | 8.5           | -162.64               | -69.3                               | -218.0       | 462.8                  | 446.9                   | 15.91                     | 29.092             |          |
| 8,800.0                                                   | 8,788.9               | 8,782.7               | 8,770.7               | 9.2              | 8.7           | -162.39               | -73.7                               | -222.4       | 475.0                  | 458.9                   | 16.13                     | 29.456             |          |
| 8,900.0                                                   | 8,888.6               | 8,881.9               | 8,869.8               | 9.3              | 8.8           | -162.16               | -78.1                               | -226.7       | 487.3                  | 470.9                   | 16.35                     | 29.808             |          |
| 9,000.0                                                   | 8,988.2               | 8,979.9               | 8,967.6               | 9.3              | 8.8           | -162.16               | -80.5                               | -231.0       | 499.6                  | 483.1                   | 16.50                     | 30.282             |          |
| 9,100.0                                                   | 9,087.9               | 9,074.3               | 9,061.1               | 9.4              | 8.8           | -163.70               | -69.1                               | -235.2       | 512.6                  | 496.0                   | 16.57                     | 30.934             |          |
| 9,200.0                                                   | 9,187.5               | 9,162.0               | 9,145.2               | 9.5              | 8.9           | -166.55               | -45.0                               | -239.1       | 527.4                  | 510.8                   | 16.66                     | 31.658             |          |
| 9,300.0                                                   | 9,287.2               | 9,240.1               | 9,216.2               | 9.6              | 8.9           | -170.10               | -12.9                               | -242.4       | 546.3                  | 529.4                   | 16.92                     | 32.287             |          |
| 9,400.0                                                   | 9,386.8               | 9,307.6               | 9,273.7               | 9.7              | 8.9           | -173.79               | 22.5                                | -245.2       | 571.0                  | 553.5                   | 17.51                     | 32.607             |          |
| 9,500.0                                                   | 9,486.5               | 9,365.2               | 9,319.1               | 9.7              | 9.0           | -177.28               | 57.8                                | -247.4       | 603.1                  | 584.6                   | 18.53                     | 32.549             |          |
| 9,600.0                                                   | 9,586.1               | 9,413.8               | 9,354.5               | 9.8              | 9.1           | -179.59               | 91.0                                | -249.2       | 643.2                  | 623.3                   | 19.92                     | 32.296             |          |
| 9,700.0                                                   | 9,685.8               | 9,450.0               | 9,379.0               | 9.9              | 9.1           | -177.19               | 117.7                               | -250.5       | 691.0                  | 669.4                   | 21.62                     | 31.964             |          |
| 9,800.0                                                   | 9,785.4               | 9,500.0               | 9,409.9               | 10.0             | 9.2           | -173.84               | 156.9                               | -252.1       | 746.2                  | 723.2                   | 23.02                     | 32.411             |          |
| 9,900.0                                                   | 9,885.0               | 9,519.5               | 9,421.1               | 10.1             | 9.2           | -172.53               | 172.9                               | -252.7       | 807.5                  | 782.7                   | 24.84                     | 32.512             |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## Concho Resources LLC

## Anticollision Report

|                           |                                           |                                     |                               |
|---------------------------|-------------------------------------------|-------------------------------------|-------------------------------|
| <b>Company:</b>           | DELAWARE BASIN EAST                       | <b>Local Co-ordinate Reference:</b> | Well BEDLINGTON FED COM 703H  |
| <b>Project:</b>           | BULLDOG PROSPECT (NM-E)                   | <b>TVD Reference:</b>               | KB=26' @ 3649.0usft (McVay 8) |
| <b>Reference Site:</b>    | BEDLINGTON FEDERAL PROJECT (BULLDOG 2332) | <b>MD Reference:</b>                | KB=26' @ 3649.0usft (McVay 8) |
| <b>Site Error:</b>        | 3.0 usft                                  | <b>North Reference:</b>             | Grid                          |
| <b>Reference Well:</b>    | BEDLINGTON FED COM 703H                   | <b>Survey Calculation Method:</b>   | Minimum Curvature             |
| <b>Well Error:</b>        | 3.0 usft                                  | <b>Output errors are at</b>         | 2.00 sigma                    |
| <b>Reference Wellbore</b> | OWB                                       | <b>Database:</b>                    | edm                           |
| <b>Reference Design:</b>  | PWP2                                      | <b>Offset TVD Reference:</b>        | Offset Datum                  |

| <b>Offset Design</b> BEDLINGTON FEDERAL PROJECT (BULLDOG 2332) - BEDLINGTON FED COM 202H - OWB - PWP |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | <b>Offset Site Error:</b> | 3.0 usft |
|------------------------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|---------------------------|----------|
| <b>Survey Program:</b> 0-Standard Keeper 104, 8932-MWD+IFR1+FDIR                                     |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | <b>Offset Well Error:</b> | 3.0 usft |
| Reference                                                                                            | Offset                | Semi Major Axis       |                       | Distance         |               |                       |                                     |              |                        |                         |                           |                   |                           |          |
| Measured Depth (usft)                                                                                | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | Warning                   |          |
| 10,000.0                                                                                             | 9,984.7               | 9,550.0               | 9,437.3               | 10.2             | 9.3           | -170.50               | 198.7                               | -253.6       | 874.4                  | 848.1                   | 26.29                     | 33.257            |                           |          |
| 10,100.0                                                                                             | 10,084.3              | 9,567.2               | 9,445.9               | 10.3             | 9.3           | -169.36               | 213.5                               | -254.0       | 945.9                  | 918.1                   | 27.76                     | 34.074            |                           |          |

# Concho Resources LLC

## Anticollision Report

|                           |                                           |                                     |                               |
|---------------------------|-------------------------------------------|-------------------------------------|-------------------------------|
| <b>Company:</b>           | DELAWARE BASIN EAST                       | <b>Local Co-ordinate Reference:</b> | Well BEDLINGTON FED COM 703H  |
| <b>Project:</b>           | BULLDOG PROSPECT (NM-E)                   | <b>TVD Reference:</b>               | KB=26' @ 3649.0usft (McVay 8) |
| <b>Reference Site:</b>    | BEDLINGTON FEDERAL PROJECT (BULLDOG 2332) | <b>MD Reference:</b>                | KB=26' @ 3649.0usft (McVay 8) |
| <b>Site Error:</b>        | 3.0 usft                                  | <b>North Reference:</b>             | Grid                          |
| <b>Reference Well:</b>    | BEDLINGTON FED COM 703H                   | <b>Survey Calculation Method:</b>   | Minimum Curvature             |
| <b>Well Error:</b>        | 3.0 usft                                  | <b>Output errors are at</b>         | 2.00 sigma                    |
| <b>Reference Wellbore</b> | OWB                                       | <b>Database:</b>                    | edm                           |
| <b>Reference Design:</b>  | PWP2                                      | <b>Offset TVD Reference:</b>        | Offset Datum                  |

| Offset Design                   |                       | BEDLINGTON FEDERAL PROJECT (BULLDOG 2332) - BEDLINGTON FED COM 301H - OWB - PWP |                       |                 |        |                       |                                     |              |                        |                         |                           |                   | Offset Site Error: | 3.0 usft           |          |
|---------------------------------|-----------------------|---------------------------------------------------------------------------------|-----------------------|-----------------|--------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|--------------------|----------|
| Survey Program: 0-MWD+IFR1+FDIR |                       |                                                                                 |                       |                 |        |                       |                                     |              |                        |                         |                           |                   |                    | Offset Well Error: | 3.0 usft |
| Reference                       |                       | Offset                                                                          |                       | Semi Major Axis |        | Distance              |                                     |              |                        |                         |                           |                   |                    | Warning            |          |
| Measured Depth (usft)           | Vertical Depth (usft) | Measured Depth (usft)                                                           | Vertical Depth (usft) | Reference       | Offset | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor |                    |                    |          |
|                                 |                       |                                                                                 |                       |                 |        |                       |                                     |              |                        |                         |                           |                   |                    |                    |          |
| 0.0                             | 0.0                   | 0.0                                                                             | 0.0                   | 3.0             | 3.0    | -50.64                | 197.7                               | -241.1       | 311.8                  |                         |                           |                   |                    |                    |          |
| 100.0                           | 100.0                 | 100.0                                                                           | 100.0                 | 3.0             | 3.0    | -50.64                | 197.7                               | -241.1       | 311.8                  | 305.8                   | 6.00                      | 51.939            |                    |                    |          |
| 200.0                           | 200.0                 | 200.0                                                                           | 200.0                 | 3.0             | 3.0    | -50.64                | 197.7                               | -241.1       | 311.8                  | 305.8                   | 6.04                      | 51.596            |                    |                    |          |
| 300.0                           | 300.0                 | 300.0                                                                           | 300.0                 | 3.0             | 3.1    | -50.64                | 197.7                               | -241.1       | 311.8                  | 305.7                   | 6.13                      | 50.887            |                    |                    |          |
| 400.0                           | 400.0                 | 400.0                                                                           | 400.0                 | 3.0             | 3.2    | -50.64                | 197.7                               | -241.1       | 311.8                  | 305.5                   | 6.25                      | 49.865            |                    |                    |          |
| 500.0                           | 500.0                 | 500.0                                                                           | 500.0                 | 3.1             | 3.4    | -50.64                | 197.7                               | -241.1       | 311.8                  | 305.4                   | 6.42                      | 48.599            |                    |                    |          |
| 600.0                           | 600.0                 | 600.0                                                                           | 600.0                 | 3.1             | 3.6    | -50.64                | 197.7                               | -241.1       | 311.8                  | 305.2                   | 6.61                      | 47.158            |                    |                    |          |
| 700.0                           | 700.0                 | 700.0                                                                           | 700.0                 | 3.1             | 3.8    | -50.64                | 197.7                               | -241.1       | 311.8                  | 305.0                   | 6.84                      | 45.608            |                    |                    |          |
| 800.0                           | 800.0                 | 800.0                                                                           | 800.0                 | 3.2             | 4.0    | -50.64                | 197.7                               | -241.1       | 311.8                  | 304.7                   | 7.09                      | 44.003            |                    |                    |          |
| 900.0                           | 900.0                 | 900.0                                                                           | 900.0                 | 3.2             | 4.2    | -50.64                | 197.7                               | -241.1       | 311.8                  | 304.4                   | 7.36                      | 42.384            |                    |                    |          |
| 1,000.0                         | 1,000.0               | 1,000.0                                                                         | 1,000.0               | 3.2             | 4.5    | -50.64                | 197.7                               | -241.1       | 311.8                  | 304.2                   | 7.65                      | 40.784            |                    |                    |          |
| 1,100.0                         | 1,100.0               | 1,100.0                                                                         | 1,100.0               | 3.3             | 4.8    | -50.64                | 197.7                               | -241.1       | 311.8                  | 303.8                   | 7.95                      | 39.223            |                    |                    |          |
| 1,200.0                         | 1,200.0               | 1,200.0                                                                         | 1,200.0               | 3.4             | 5.1    | -50.64                | 197.7                               | -241.1       | 311.8                  | 303.5                   | 8.27                      | 37.715            |                    |                    |          |
| 1,300.0                         | 1,300.0               | 1,300.0                                                                         | 1,300.0               | 3.4             | 5.4    | -50.64                | 197.7                               | -241.1       | 311.8                  | 303.2                   | 8.60                      | 36.270            |                    |                    |          |
| 1,400.0                         | 1,400.0               | 1,400.0                                                                         | 1,400.0               | 3.5             | 5.7    | -50.64                | 197.7                               | -241.1       | 311.8                  | 302.9                   | 8.94                      | 34.892            |                    |                    |          |
| 1,500.0                         | 1,500.0               | 1,500.0                                                                         | 1,500.0               | 3.5             | 6.0    | -50.64                | 197.7                               | -241.1       | 311.8                  | 302.5                   | 9.28                      | 33.582            |                    |                    |          |
| 1,600.0                         | 1,600.0               | 1,600.0                                                                         | 1,600.0               | 3.6             | 6.3    | -50.64                | 197.7                               | -241.1       | 311.8                  | 302.2                   | 9.64                      | 32.341            |                    |                    |          |
| 1,700.0                         | 1,700.0               | 1,700.0                                                                         | 1,700.0               | 3.7             | 6.6    | -50.64                | 197.7                               | -241.1       | 311.8                  | 301.8                   | 10.00                     | 31.166            |                    |                    |          |
| 1,800.0                         | 1,800.0               | 1,800.0                                                                         | 1,800.0               | 3.8             | 6.9    | -50.64                | 197.7                               | -241.1       | 311.8                  | 301.4                   | 10.37                     | 30.056            |                    |                    |          |
| 1,900.0                         | 1,900.0               | 1,900.0                                                                         | 1,900.0               | 3.9             | 7.2    | -50.64                | 197.7                               | -241.1       | 311.8                  | 301.0                   | 10.75                     | 29.006            |                    |                    |          |
| 2,000.0                         | 2,000.0               | 2,000.0                                                                         | 2,000.0               | 3.9             | 7.6    | -50.64                | 197.7                               | -241.1       | 311.8                  | 300.7                   | 11.13                     | 28.014            |                    |                    |          |
| 2,100.0                         | 2,100.0               | 2,100.0                                                                         | 2,100.0               | 4.0             | 7.9    | -50.64                | 197.7                               | -241.1       | 311.8                  | 300.3                   | 11.51                     | 27.077            |                    |                    |          |
| 2,200.0                         | 2,200.0               | 2,200.0                                                                         | 2,200.0               | 4.1             | 8.2    | -50.64                | 197.7                               | -241.1       | 311.8                  | 299.9                   | 11.90                     | 26.192            |                    |                    |          |
| 2,300.0                         | 2,300.0               | 2,300.0                                                                         | 2,300.0               | 4.2             | 8.6    | -50.64                | 197.7                               | -241.1       | 311.8                  | 299.5                   | 12.30                     | 25.354            |                    |                    |          |
| 2,400.0                         | 2,400.0               | 2,400.0                                                                         | 2,400.0               | 4.3             | 8.9    | -50.64                | 197.7                               | -241.1       | 311.8                  | 299.1                   | 12.69                     | 24.562            |                    |                    |          |
| 2,500.0                         | 2,500.0               | 2,500.0                                                                         | 2,500.0               | 4.4             | 9.2    | -50.64                | 197.7                               | -241.1       | 311.8                  | 298.7                   | 13.09                     | 23.812 CC, ES     |                    |                    |          |
| 2,600.0                         | 2,600.0               | 2,593.0                                                                         | 2,593.0               | 4.5             | 9.5    | -50.84                | 197.5                               | -242.6       | 312.9                  | 299.5                   | 13.46                     | 23.250            |                    |                    |          |
| 2,700.0                         | 2,700.0               | 2,685.8                                                                         | 2,685.6               | 4.6             | 9.8    | -51.43                | 197.0                               | -247.1       | 316.3                  | 302.5                   | 13.80                     | 22.913            |                    |                    |          |
| 2,800.0                         | 2,800.0               | 2,778.2                                                                         | 2,777.7               | 4.7             | 10.1   | -52.39                | 196.1                               | -254.5       | 322.0                  | 307.9                   | 14.14                     | 22.777            |                    |                    |          |
| 2,900.0                         | 2,900.0               | 2,875.9                                                                         | 2,874.9               | 4.8             | 10.5   | -53.63                | 194.8                               | -264.5       | 329.5                  | 315.0                   | 14.49                     | 22.735            |                    |                    |          |
| 3,000.0                         | 3,000.0               | 2,975.3                                                                         | 2,973.8               | 4.9             | 10.8   | -54.84                | 193.6                               | -274.9       | 337.2                  | 322.3                   | 14.86                     | 22.693            |                    |                    |          |
| 3,100.0                         | 3,100.0               | 3,074.8                                                                         | 3,072.7               | 5.0             | 11.1   | -56.01                | 192.3                               | -285.2       | 345.0                  | 329.8                   | 15.23                     | 22.658            |                    |                    |          |
| 3,200.0                         | 3,200.0               | 3,174.2                                                                         | 3,171.6               | 5.1             | 11.5   | -57.12                | 191.0                               | -295.5       | 353.0                  | 337.4                   | 15.60                     | 22.631            |                    |                    |          |
| 3,300.0                         | 3,300.0               | 3,273.7                                                                         | 3,270.5               | 5.2             | 11.8   | -58.18                | 189.8                               | -305.8       | 361.1                  | 345.1                   | 15.97                     | 22.610            |                    |                    |          |
| 3,400.0                         | 3,400.0               | 3,373.1                                                                         | 3,369.4               | 5.3             | 12.1   | -59.19                | 188.5                               | -316.1       | 369.3                  | 353.0                   | 16.35                     | 22.595            |                    |                    |          |
| 3,500.0                         | 3,500.0               | 3,472.6                                                                         | 3,468.3               | 5.4             | 12.5   | -60.16                | 187.2                               | -326.4       | 377.7                  | 360.9                   | 16.72                     | 22.584            |                    |                    |          |
| 3,600.0                         | 3,600.0               | 3,572.0                                                                         | 3,567.3               | 5.5             | 12.8   | -61.09                | 186.0                               | -336.8       | 386.1                  | 369.0                   | 17.10                     | 22.578            |                    |                    |          |
| 3,700.0                         | 3,700.0               | 3,671.5                                                                         | 3,666.2               | 5.7             | 13.2   | -61.98                | 184.7                               | -347.1       | 394.6                  | 377.1                   | 17.48                     | 22.575 SF         |                    |                    |          |
| 3,800.0                         | 3,800.0               | 3,770.9                                                                         | 3,765.1               | 5.8             | 13.5   | -62.83                | 183.4                               | -357.4       | 403.2                  | 385.4                   | 17.86                     | 22.575            |                    |                    |          |
| 3,900.0                         | 3,900.0               | 3,870.4                                                                         | 3,864.0               | 5.9             | 13.8   | -63.65                | 182.2                               | -367.7       | 411.9                  | 393.7                   | 18.25                     | 22.578            |                    |                    |          |
| 4,000.0                         | 4,000.0               | 3,969.8                                                                         | 3,962.9               | 6.0             | 14.2   | -64.43                | 180.9                               | -378.0       | 420.7                  | 402.1                   | 18.63                     | 22.583            |                    |                    |          |
| 4,100.0                         | 4,100.0               | 4,069.3                                                                         | 4,061.8               | 6.1             | 14.5   | -65.18                | 179.6                               | -388.4       | 429.6                  | 410.6                   | 19.02                     | 22.590            |                    |                    |          |
| 4,200.0                         | 4,200.0               | 4,168.7                                                                         | 4,160.7               | 6.2             | 14.9   | -65.90                | 178.4                               | -398.7       | 438.5                  | 419.1                   | 19.40                     | 22.599            |                    |                    |          |
| 4,300.0                         | 4,300.0               | 4,268.2                                                                         | 4,259.6               | 6.3             | 15.2   | -66.59                | 177.1                               | -409.0       | 447.5                  | 427.7                   | 19.79                     | 22.609            |                    |                    |          |
| 4,400.0                         | 4,400.0               | 4,367.6                                                                         | 4,358.5               | 6.5             | 15.6   | -67.25                | 175.8                               | -419.3       | 456.6                  | 436.4                   | 20.18                     | 22.620            |                    |                    |          |
| 4,500.0                         | 4,500.0               | 4,467.1                                                                         | 4,457.4               | 6.6             | 15.9   | -67.89                | 174.6                               | -429.6       | 465.7                  | 445.1                   | 20.58                     | 22.633            |                    |                    |          |
| 4,600.0                         | 4,600.0               | 4,566.5                                                                         | 4,556.3               | 6.7             | 16.3   | -68.50                | 173.3                               | -439.9       | 474.9                  | 453.9                   | 20.97                     | 22.646            |                    |                    |          |
| 4,700.0                         | 4,700.0               | 4,666.0                                                                         | 4,655.2               | 6.8             | 16.6   | -69.09                | 172.0                               | -450.3       | 484.1                  | 462.7                   | 21.36                     | 22.660            |                    |                    |          |
| 4,800.0                         | 4,800.0               | 4,765.5                                                                         | 4,754.1               | 6.9             | 17.0   | -69.66                | 170.8                               | -460.6       | 493.4                  | 471.6                   | 21.76                     | 22.674            |                    |                    |          |
| 4,900.0                         | 4,900.0               | 4,864.9                                                                         | 4,853.0               | 7.0             | 17.3   | -70.20                | 169.5                               | -470.9       | 502.7                  | 480.5                   | 22.16                     | 22.689            |                    |                    |          |
| 5,000.0                         | 5,000.0               | 4,964.4                                                                         | 4,952.0               | 7.2             | 17.7   | -70.73                | 168.2                               | -481.2       | 512.0                  | 489.5                   | 22.55                     | 22.704            |                    |                    |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Concho Resources LLC

## Anticollision Report

|                           |                                           |                                     |                               |
|---------------------------|-------------------------------------------|-------------------------------------|-------------------------------|
| <b>Company:</b>           | DELAWARE BASIN EAST                       | <b>Local Co-ordinate Reference:</b> | Well BEDLINGTON FED COM 703H  |
| <b>Project:</b>           | BULLDOG PROSPECT (NM-E)                   | <b>TVD Reference:</b>               | KB=26' @ 3649.0usft (McVay 8) |
| <b>Reference Site:</b>    | BEDLINGTON FEDERAL PROJECT (BULLDOG 2332) | <b>MD Reference:</b>                | KB=26' @ 3649.0usft (McVay 8) |
| <b>Site Error:</b>        | 3.0 usft                                  | <b>North Reference:</b>             | Grid                          |
| <b>Reference Well:</b>    | BEDLINGTON FED COM 703H                   | <b>Survey Calculation Method:</b>   | Minimum Curvature             |
| <b>Well Error:</b>        | 3.0 usft                                  | <b>Output errors are at</b>         | 2.00 sigma                    |
| <b>Reference Wellbore</b> | OWB                                       | <b>Database:</b>                    | edm                           |
| <b>Reference Design:</b>  | PWP2                                      | <b>Offset TVD Reference:</b>        | Offset Datum                  |

| Offset Design                   |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Site Error: | 3.0 usft |
|---------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|----------|
| Survey Program: 0-MWD+IFR1+FDIR |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Well Error: | 3.0 usft |
| Reference                       |                       | Offset                |                       | Semi Major Axis  |               |                       | Distance                            |              |                        |                         |                           |                   |                    | Warning  |
| Measured Depth (usft)           | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor |                    |          |
| 5,100.0                         | 5,100.0               | 5,063.8               | 5,050.9               | 7.3              | 18.0          | -71.24                | 167.0                               | -491.5       | 521.4                  | 498.5                   | 22.95                     | 22.719            |                    |          |
| 5,200.0                         | 5,200.0               | 5,163.3               | 5,149.8               | 7.4              | 18.4          | -71.73                | 165.7                               | -501.9       | 530.9                  | 507.5                   | 23.35                     | 22.734            |                    |          |
| 5,300.0                         | 5,300.0               | 5,262.7               | 5,248.7               | 7.5              | 18.7          | -72.20                | 164.4                               | -512.2       | 540.4                  | 516.6                   | 23.75                     | 22.750            |                    |          |
| 5,400.0                         | 5,400.0               | 5,362.2               | 5,347.6               | 7.6              | 19.1          | -72.66                | 163.2                               | -522.5       | 549.9                  | 525.7                   | 24.15                     | 22.765            |                    |          |
| 5,500.0                         | 5,500.0               | 5,461.6               | 5,446.5               | 7.8              | 19.5          | -73.10                | 161.9                               | -532.8       | 559.4                  | 534.9                   | 24.56                     | 22.781            |                    |          |
| 5,600.0                         | 5,600.0               | 5,560.9               | 5,545.2               | 7.8              | 19.8          | 177.31                | 160.6                               | -543.1       | 570.7                  | 545.8                   | 24.94                     | 22.887            |                    |          |
| 5,700.0                         | 5,699.8               | 5,659.7               | 5,643.5               | 7.8              | 20.2          | 176.91                | 159.4                               | -553.4       | 585.5                  | 560.2                   | 25.30                     | 23.143            |                    |          |
| 5,740.7                         | 5,740.4               | 5,699.7               | 5,683.3               | 7.8              | 20.3          | 176.76                | 158.9                               | -557.5       | 592.5                  | 567.1                   | 25.45                     | 23.283            |                    |          |
| 5,800.0                         | 5,799.5               | 5,758.1               | 5,741.3               | 7.9              | 20.5          | 176.56                | 158.1                               | -563.6       | 603.2                  | 577.5                   | 25.67                     | 23.498            |                    |          |
| 5,900.0                         | 5,899.2               | 5,856.4               | 5,839.1               | 7.9              | 20.9          | 176.23                | 156.9                               | -573.8       | 621.2                  | 595.1                   | 26.04                     | 23.850            |                    |          |
| 6,000.0                         | 5,998.8               | 5,954.7               | 5,936.9               | 7.9              | 21.2          | 175.92                | 155.6                               | -584.0       | 639.1                  | 612.7                   | 26.42                     | 24.187            |                    |          |
| 6,100.0                         | 6,098.4               | 6,053.0               | 6,034.6               | 7.9              | 21.6          | 175.63                | 154.4                               | -594.2       | 657.1                  | 630.3                   | 26.81                     | 24.510            |                    |          |
| 6,200.0                         | 6,198.1               | 6,151.3               | 6,132.4               | 7.9              | 21.9          | 175.36                | 153.1                               | -604.4       | 675.1                  | 647.9                   | 27.20                     | 24.820            |                    |          |
| 6,300.0                         | 6,297.7               | 6,249.6               | 6,230.2               | 7.9              | 22.3          | 175.09                | 151.9                               | -614.6       | 693.2                  | 665.6                   | 27.60                     | 25.118            |                    |          |
| 6,400.0                         | 6,397.4               | 6,348.0               | 6,328.0               | 8.0              | 22.6          | 174.85                | 150.6                               | -624.8       | 711.2                  | 683.2                   | 28.00                     | 25.404            |                    |          |
| 6,500.0                         | 6,497.0               | 6,446.3               | 6,425.7               | 8.0              | 23.0          | 174.61                | 149.4                               | -635.0       | 729.3                  | 700.9                   | 28.40                     | 25.678            |                    |          |
| 6,600.0                         | 6,596.7               | 6,544.6               | 6,523.5               | 8.0              | 23.3          | 174.39                | 148.1                               | -645.2       | 747.3                  | 718.5                   | 28.81                     | 25.941            |                    |          |
| 6,700.0                         | 6,696.3               | 6,642.9               | 6,621.3               | 8.1              | 23.7          | 174.17                | 146.9                               | -655.4       | 765.4                  | 736.2                   | 29.22                     | 26.193            |                    |          |
| 6,800.0                         | 6,796.0               | 6,741.2               | 6,719.1               | 8.1              | 24.0          | 173.97                | 145.6                               | -665.6       | 783.5                  | 753.8                   | 29.64                     | 26.436            |                    |          |
| 6,900.0                         | 6,895.6               | 6,839.5               | 6,816.9               | 8.1              | 24.4          | 173.77                | 144.3                               | -675.8       | 801.6                  | 771.5                   | 30.06                     | 26.669            |                    |          |
| 7,000.0                         | 6,995.3               | 6,937.8               | 6,914.6               | 8.2              | 24.8          | 173.59                | 143.1                               | -686.0       | 819.7                  | 789.2                   | 30.48                     | 26.893            |                    |          |
| 7,100.0                         | 7,094.9               | 7,036.2               | 7,012.4               | 8.2              | 25.1          | 173.41                | 141.8                               | -696.2       | 837.8                  | 806.9                   | 30.90                     | 27.108            |                    |          |
| 7,200.0                         | 7,194.6               | 7,134.5               | 7,110.2               | 8.2              | 25.5          | 173.24                | 140.6                               | -706.4       | 855.9                  | 824.5                   | 31.33                     | 27.315            |                    |          |
| 7,300.0                         | 7,294.2               | 7,232.8               | 7,208.0               | 8.3              | 25.8          | 173.08                | 139.3                               | -716.6       | 874.0                  | 842.2                   | 31.77                     | 27.514            |                    |          |
| 7,400.0                         | 7,393.9               | 7,331.1               | 7,305.7               | 8.3              | 26.2          | 172.92                | 138.1                               | -726.8       | 892.1                  | 859.9                   | 32.20                     | 27.706            |                    |          |
| 7,500.0                         | 7,493.5               | 7,429.4               | 7,403.5               | 8.4              | 26.5          | 172.77                | 136.8                               | -737.0       | 910.3                  | 877.6                   | 32.64                     | 27.891            |                    |          |
| 7,600.0                         | 7,593.2               | 7,527.7               | 7,501.3               | 8.4              | 26.9          | 172.62                | 135.6                               | -747.2       | 928.4                  | 895.3                   | 33.08                     | 28.068            |                    |          |
| 7,700.0                         | 7,692.8               | 7,626.0               | 7,599.1               | 8.5              | 27.2          | 172.48                | 134.3                               | -757.4       | 946.6                  | 913.0                   | 33.52                     | 28.240            |                    |          |
| 7,800.0                         | 7,792.5               | 7,724.4               | 7,696.8               | 8.5              | 27.6          | 172.35                | 133.1                               | -767.6       | 964.7                  | 930.7                   | 33.96                     | 28.405            |                    |          |
| 7,900.0                         | 7,892.1               | 7,822.7               | 7,794.6               | 8.6              | 28.0          | 172.22                | 131.8                               | -777.8       | 982.9                  | 948.5                   | 34.41                     | 28.564            |                    |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Concho Resources LLC

## Anticollision Report

|                           |                                           |                                     |                               |
|---------------------------|-------------------------------------------|-------------------------------------|-------------------------------|
| <b>Company:</b>           | DELAWARE BASIN EAST                       | <b>Local Co-ordinate Reference:</b> | Well BEDLINGTON FED COM 703H  |
| <b>Project:</b>           | BULLDOG PROSPECT (NM-E)                   | <b>TVD Reference:</b>               | KB=26' @ 3649.0usft (McVay 8) |
| <b>Reference Site:</b>    | BEDLINGTON FEDERAL PROJECT (BULLDOG 2332) | <b>MD Reference:</b>                | KB=26' @ 3649.0usft (McVay 8) |
| <b>Site Error:</b>        | 3.0 usft                                  | <b>North Reference:</b>             | Grid                          |
| <b>Reference Well:</b>    | BEDLINGTON FED COM 703H                   | <b>Survey Calculation Method:</b>   | Minimum Curvature             |
| <b>Well Error:</b>        | 3.0 usft                                  | <b>Output errors are at</b>         | 2.00 sigma                    |
| <b>Reference Wellbore</b> | OWB                                       | <b>Database:</b>                    | edm                           |
| <b>Reference Design:</b>  | PWP2                                      | <b>Offset TVD Reference:</b>        | Offset Datum                  |

| Offset Design                                             |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           | Offset Site Error: | 3.0 usft |
|-----------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|--------------------|----------|
| Survey Program: 0-Standard Keeper 104, 9190-MWD+IFR1+FDIR |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           | Offset Well Error: | 3.0 usft |
| Reference                                                 | Offset                | Semi Major Axis       |                       | Distance         |               |                       |                                     |              |                        |                         |                           |                    |          |
| Measured Depth (usft)                                     | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor  | Warning  |
| 0.0                                                       | 0.0                   | 0.0                   | 0.0                   | 3.0              | 3.0           | -46.83                | 198.0                               | -211.1       | 289.4                  |                         |                           |                    |          |
| 100.0                                                     | 100.0                 | 100.0                 | 100.0                 | 3.0              | 3.0           | -46.83                | 198.0                               | -211.1       | 289.4                  | 283.4                   | 6.00                      | 48.237             |          |
| 200.0                                                     | 200.0                 | 200.0                 | 200.0                 | 3.0              | 3.0           | -46.83                | 198.0                               | -211.1       | 289.4                  | 283.4                   | 6.01                      | 48.187             |          |
| 300.0                                                     | 300.0                 | 300.0                 | 300.0                 | 3.0              | 3.0           | -46.83                | 198.0                               | -211.1       | 289.4                  | 283.4                   | 6.02                      | 48.080             |          |
| 400.0                                                     | 400.0                 | 400.0                 | 400.0                 | 3.0              | 3.0           | -46.83                | 198.0                               | -211.1       | 289.4                  | 283.4                   | 6.04                      | 47.918             |          |
| 500.0                                                     | 500.0                 | 500.0                 | 500.0                 | 3.1              | 3.1           | -46.83                | 198.0                               | -211.1       | 289.4                  | 283.4                   | 6.07                      | 47.701             |          |
| 600.0                                                     | 600.0                 | 600.0                 | 600.0                 | 3.1              | 3.1           | -46.83                | 198.0                               | -211.1       | 289.4                  | 283.3                   | 6.10                      | 47.433             |          |
| 700.0                                                     | 700.0                 | 700.0                 | 700.0                 | 3.1              | 3.1           | -46.83                | 198.0                               | -211.1       | 289.4                  | 283.3                   | 6.14                      | 47.115             |          |
| 800.0                                                     | 800.0                 | 800.0                 | 800.0                 | 3.2              | 3.2           | -46.83                | 198.0                               | -211.1       | 289.4                  | 283.3                   | 6.19                      | 46.751             |          |
| 900.0                                                     | 900.0                 | 900.0                 | 900.0                 | 3.2              | 3.2           | -46.83                | 198.0                               | -211.1       | 289.4                  | 283.2                   | 6.25                      | 46.344             |          |
| 1,000.0                                                   | 1,000.0               | 1,000.0               | 1,000.0               | 3.2              | 3.2           | -46.83                | 198.0                               | -211.1       | 289.4                  | 283.1                   | 6.31                      | 45.899             |          |
| 1,100.0                                                   | 1,100.0               | 1,100.0               | 1,100.0               | 3.3              | 3.3           | -46.83                | 198.0                               | -211.1       | 289.4                  | 283.1                   | 6.37                      | 45.417             |          |
| 1,200.0                                                   | 1,200.0               | 1,200.0               | 1,200.0               | 3.4              | 3.4           | -46.83                | 198.0                               | -211.1       | 289.4                  | 283.0                   | 6.45                      | 44.905             |          |
| 1,300.0                                                   | 1,300.0               | 1,300.0               | 1,300.0               | 3.4              | 3.4           | -46.83                | 198.0                               | -211.1       | 289.4                  | 282.9                   | 6.52                      | 44.364             |          |
| 1,400.0                                                   | 1,400.0               | 1,400.0               | 1,400.0               | 3.5              | 3.5           | -46.83                | 198.0                               | -211.1       | 289.4                  | 282.8                   | 6.61                      | 43.799             |          |
| 1,500.0                                                   | 1,500.0               | 1,500.0               | 1,500.0               | 3.5              | 3.5           | -46.83                | 198.0                               | -211.1       | 289.4                  | 282.7                   | 6.70                      | 43.214             |          |
| 1,600.0                                                   | 1,600.0               | 1,600.0               | 1,600.0               | 3.6              | 3.6           | -46.83                | 198.0                               | -211.1       | 289.4                  | 282.7                   | 6.79                      | 42.612             |          |
| 1,700.0                                                   | 1,700.0               | 1,700.0               | 1,700.0               | 3.7              | 3.7           | -46.83                | 198.0                               | -211.1       | 289.4                  | 282.6                   | 6.89                      | 41.997             |          |
| 1,800.0                                                   | 1,800.0               | 1,800.0               | 1,800.0               | 3.8              | 3.8           | -46.83                | 198.0                               | -211.1       | 289.4                  | 282.4                   | 7.00                      | 41.371             |          |
| 1,900.0                                                   | 1,900.0               | 1,900.0               | 1,900.0               | 3.9              | 3.9           | -46.83                | 198.0                               | -211.1       | 289.4                  | 282.3                   | 7.11                      | 40.738             |          |
| 2,000.0                                                   | 2,000.0               | 2,000.0               | 2,000.0               | 3.9              | 3.9           | -46.83                | 198.0                               | -211.1       | 289.4                  | 282.2                   | 7.22                      | 40.099             |          |
| 2,100.0                                                   | 2,100.0               | 2,100.0               | 2,100.0               | 4.0              | 4.0           | -46.83                | 198.0                               | -211.1       | 289.4                  | 282.1                   | 7.34                      | 39.459             |          |
| 2,200.0                                                   | 2,200.0               | 2,200.0               | 2,200.0               | 4.1              | 4.1           | -46.83                | 198.0                               | -211.1       | 289.4                  | 282.0                   | 7.46                      | 38.818             |          |
| 2,300.0                                                   | 2,300.0               | 2,300.0               | 2,300.0               | 4.2              | 4.2           | -46.83                | 198.0                               | -211.1       | 289.4                  | 281.9                   | 7.58                      | 38.179             |          |
| 2,400.0                                                   | 2,400.0               | 2,400.0               | 2,400.0               | 4.3              | 4.3           | -46.83                | 198.0                               | -211.1       | 289.4                  | 281.7                   | 7.71                      | 37.543             |          |
| 2,500.0                                                   | 2,500.0               | 2,500.0               | 2,500.0               | 4.4              | 4.4           | -46.83                | 198.0                               | -211.1       | 289.4                  | 281.6                   | 7.84                      | 36.912 CC, ES      |          |
| 2,600.0                                                   | 2,600.0               | 2,595.6               | 2,595.6               | 4.5              | 4.4           | -47.11                | 197.5                               | -212.6       | 290.2                  | 282.2                   | 7.96                      | 36.474             |          |
| 2,700.0                                                   | 2,700.0               | 2,691.1               | 2,691.0               | 4.6              | 4.5           | -47.94                | 195.9                               | -217.1       | 292.5                  | 284.5                   | 8.05                      | 36.342 SF          |          |
| 2,800.0                                                   | 2,800.0               | 2,790.9               | 2,790.5               | 4.7              | 4.5           | -49.07                | 193.6                               | -223.2       | 295.7                  | 287.5                   | 8.13                      | 36.346             |          |
| 2,900.0                                                   | 2,900.0               | 2,890.7               | 2,890.1               | 4.8              | 4.5           | -50.16                | 191.4                               | -229.4       | 298.9                  | 290.7                   | 8.22                      | 36.351             |          |
| 3,000.0                                                   | 3,000.0               | 2,990.5               | 2,989.7               | 4.9              | 4.5           | -51.24                | 189.1                               | -235.6       | 302.3                  | 294.0                   | 8.31                      | 36.361             |          |
| 3,100.0                                                   | 3,100.0               | 3,090.2               | 3,089.2               | 5.0              | 4.5           | -52.29                | 186.9                               | -241.7       | 305.7                  | 297.3                   | 8.41                      | 36.374             |          |
| 3,200.0                                                   | 3,200.0               | 3,190.0               | 3,188.8               | 5.1              | 4.5           | -53.32                | 184.6                               | -247.9       | 309.3                  | 300.8                   | 8.50                      | 36.390             |          |
| 3,300.0                                                   | 3,300.0               | 3,289.8               | 3,288.4               | 5.2              | 4.6           | -54.33                | 182.4                               | -254.1       | 313.0                  | 304.4                   | 8.60                      | 36.409             |          |
| 3,400.0                                                   | 3,400.0               | 3,389.6               | 3,387.9               | 5.3              | 4.6           | -55.31                | 180.2                               | -260.2       | 316.7                  | 308.0                   | 8.69                      | 36.431             |          |
| 3,500.0                                                   | 3,500.0               | 3,489.4               | 3,487.5               | 5.4              | 4.7           | -56.26                | 177.9                               | -266.4       | 320.6                  | 311.8                   | 8.79                      | 36.455             |          |
| 3,600.0                                                   | 3,600.0               | 3,589.2               | 3,587.1               | 5.5              | 4.7           | -57.20                | 175.7                               | -272.6       | 324.5                  | 315.6                   | 8.90                      | 36.480             |          |
| 3,700.0                                                   | 3,700.0               | 3,689.0               | 3,686.6               | 5.7              | 4.7           | -58.11                | 173.4                               | -278.7       | 328.5                  | 319.5                   | 9.00                      | 36.507             |          |
| 3,800.0                                                   | 3,800.0               | 3,788.7               | 3,786.2               | 5.8              | 4.8           | -59.00                | 171.2                               | -284.9       | 332.7                  | 323.5                   | 9.10                      | 36.535             |          |
| 3,900.0                                                   | 3,900.0               | 3,888.5               | 3,885.8               | 5.9              | 4.8           | -59.87                | 168.9                               | -291.1       | 336.8                  | 327.6                   | 9.21                      | 36.564             |          |
| 4,000.0                                                   | 4,000.0               | 3,988.3               | 3,985.4               | 6.0              | 4.9           | -60.72                | 166.7                               | -297.2       | 341.1                  | 331.8                   | 9.32                      | 36.593             |          |
| 4,100.0                                                   | 4,100.0               | 4,088.1               | 4,084.9               | 6.1              | 4.9           | -61.54                | 164.4                               | -303.4       | 345.4                  | 336.0                   | 9.43                      | 36.623             |          |
| 4,200.0                                                   | 4,200.0               | 4,187.9               | 4,184.5               | 6.2              | 5.0           | -62.35                | 162.2                               | -309.6       | 349.8                  | 340.3                   | 9.54                      | 36.652             |          |
| 4,300.0                                                   | 4,300.0               | 4,287.7               | 4,284.1               | 6.3              | 5.1           | -63.13                | 160.0                               | -315.7       | 354.3                  | 344.6                   | 9.66                      | 36.681             |          |
| 4,400.0                                                   | 4,400.0               | 4,387.4               | 4,383.6               | 6.5              | 5.1           | -63.90                | 157.7                               | -321.9       | 358.8                  | 349.0                   | 9.77                      | 36.710             |          |
| 4,500.0                                                   | 4,500.0               | 4,487.2               | 4,483.2               | 6.6              | 5.2           | -64.64                | 155.5                               | -328.1       | 363.4                  | 353.5                   | 9.89                      | 36.737             |          |
| 4,600.0                                                   | 4,600.0               | 4,587.0               | 4,582.8               | 6.7              | 5.3           | -65.37                | 153.2                               | -334.2       | 368.1                  | 358.1                   | 10.01                     | 36.764             |          |
| 4,700.0                                                   | 4,700.0               | 4,686.8               | 4,682.3               | 6.8              | 5.3           | -66.08                | 151.0                               | -340.4       | 372.8                  | 362.7                   | 10.13                     | 36.790             |          |
| 4,800.0                                                   | 4,800.0               | 4,786.6               | 4,781.9               | 6.9              | 5.4           | -66.77                | 148.7                               | -346.5       | 377.6                  | 367.3                   | 10.26                     | 36.814             |          |
| 4,900.0                                                   | 4,900.0               | 4,886.4               | 4,881.5               | 7.0              | 5.5           | -67.45                | 146.5                               | -352.7       | 382.4                  | 372.0                   | 10.38                     | 36.837             |          |
| 5,000.0                                                   | 5,000.0               | 4,986.1               | 4,981.0               | 7.2              | 5.6           | -68.10                | 144.2                               | -358.9       | 387.2                  | 376.7                   | 10.51                     | 36.859             |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Concho Resources LLC

## Anticollision Report

|                           |                                           |                                     |                               |
|---------------------------|-------------------------------------------|-------------------------------------|-------------------------------|
| <b>Company:</b>           | DELAWARE BASIN EAST                       | <b>Local Co-ordinate Reference:</b> | Well BEDLINGTON FED COM 703H  |
| <b>Project:</b>           | BULLDOG PROSPECT (NM-E)                   | <b>TVD Reference:</b>               | KB=26' @ 3649.0usft (McVay 8) |
| <b>Reference Site:</b>    | BEDLINGTON FEDERAL PROJECT (BULLDOG 2332) | <b>MD Reference:</b>                | KB=26' @ 3649.0usft (McVay 8) |
| <b>Site Error:</b>        | 3.0 usft                                  | <b>North Reference:</b>             | Grid                          |
| <b>Reference Well:</b>    | BEDLINGTON FED COM 703H                   | <b>Survey Calculation Method:</b>   | Minimum Curvature             |
| <b>Well Error:</b>        | 3.0 usft                                  | <b>Output errors are at</b>         | 2.00 sigma                    |
| <b>Reference Wellbore</b> | OWB                                       | <b>Database:</b>                    | edm                           |
| <b>Reference Design:</b>  | PWP2                                      | <b>Offset TVD Reference:</b>        | Offset Datum                  |

| Offset Design                                             |                       |                       |                       |                  |               |                        |                       |                                     |              |                                 |                         |                           | Offset Site Error: | 3.0 usft |
|-----------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|------------------------|-----------------------|-------------------------------------|--------------|---------------------------------|-------------------------|---------------------------|--------------------|----------|
| Survey Program: 0-Standard Keeper 104, 9190-MWD+IFR1+FDIR |                       |                       |                       |                  |               |                        |                       |                                     |              |                                 |                         |                           | Offset Well Error: | 3.0 usft |
| Measured Depth (usft)                                     | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Semi Major Axis (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Distance Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor  | Warning  |
| 5,100.0                                                   | 5,100.0               | 5,085.9               | 5,080.6               | 7.3              | 5.6           | -68.74                 |                       | 142.0                               | -365.0       | 392.2                           | 381.5                   | 10.63                     | 36.879             |          |
| 5,200.0                                                   | 5,200.0               | 5,185.7               | 5,180.2               | 7.4              | 5.7           | -69.37                 |                       | 139.8                               | -371.2       | 397.1                           | 386.4                   | 10.76                     | 36.898             |          |
| 5,300.0                                                   | 5,300.0               | 5,285.5               | 5,279.7               | 7.5              | 5.8           | -69.98                 |                       | 137.5                               | -377.4       | 402.2                           | 391.3                   | 10.89                     | 36.915             |          |
| 5,400.0                                                   | 5,400.0               | 5,385.3               | 5,379.3               | 7.6              | 5.9           | -70.57                 |                       | 135.3                               | -383.5       | 407.2                           | 396.2                   | 11.03                     | 36.930             |          |
| 5,500.0                                                   | 5,500.0               | 5,485.1               | 5,478.9               | 7.8              | 6.0           | -71.15                 |                       | 133.0                               | -389.7       | 412.3                           | 401.2                   | 11.16                     | 36.943             |          |
| 5,600.0                                                   | 5,600.0               | 5,584.7               | 5,578.3               | 7.8              | 6.1           | -71.15                 |                       | 130.8                               | -395.9       | 419.2                           | 407.9                   | 11.27                     | 37.194             |          |
| 5,700.0                                                   | 5,699.8               | 5,684.1               | 5,677.5               | 7.8              | 6.2           | -71.15                 |                       | 128.6                               | -402.0       | 429.6                           | 418.3                   | 11.36                     | 37.811             |          |
| 5,740.7                                                   | 5,740.4               | 5,724.4               | 5,717.7               | 7.8              | 6.2           | -71.15                 |                       | 127.6                               | -404.5       | 434.8                           | 423.4                   | 11.40                     | 38.138             |          |
| 5,800.0                                                   | 5,799.5               | 5,783.1               | 5,776.3               | 7.9              | 6.3           | -71.15                 |                       | 126.3                               | -408.1       | 442.9                           | 431.4                   | 11.46                     | 38.640             |          |
| 5,900.0                                                   | 5,899.2               | 5,882.1               | 5,875.1               | 7.9              | 6.3           | -71.15                 |                       | 124.1                               | -414.2       | 456.5                           | 444.9                   | 11.57                     | 39.456             |          |
| 6,000.0                                                   | 5,998.8               | 5,981.2               | 5,973.9               | 7.9              | 6.4           | -71.15                 |                       | 121.9                               | -420.4       | 470.2                           | 458.5                   | 11.69                     | 40.233             |          |
| 6,100.0                                                   | 6,098.4               | 6,080.2               | 6,072.7               | 7.9              | 6.5           | -71.15                 |                       | 119.6                               | -426.5       | 483.8                           | 472.0                   | 11.81                     | 40.974             |          |
| 6,200.0                                                   | 6,198.1               | 6,179.2               | 6,171.5               | 7.9              | 6.6           | -71.15                 |                       | 117.4                               | -432.6       | 497.5                           | 485.6                   | 11.94                     | 41.679             |          |
| 6,300.0                                                   | 6,297.7               | 6,278.2               | 6,270.3               | 7.9              | 6.7           | -71.15                 |                       | 115.2                               | -438.7       | 511.2                           | 499.1                   | 12.07                     | 42.349             |          |
| 6,400.0                                                   | 6,397.4               | 6,377.2               | 6,369.1               | 8.0              | 6.8           | -71.15                 |                       | 113.0                               | -444.8       | 524.9                           | 512.7                   | 12.21                     | 42.986             |          |
| 6,500.0                                                   | 6,497.0               | 6,476.2               | 6,467.8               | 8.0              | 6.9           | -71.15                 |                       | 110.7                               | -450.9       | 538.7                           | 526.3                   | 12.36                     | 43.589             |          |
| 6,600.0                                                   | 6,596.7               | 6,575.2               | 6,566.6               | 8.0              | 7.0           | -71.15                 |                       | 108.5                               | -457.1       | 552.4                           | 539.9                   | 12.51                     | 44.162             |          |
| 6,700.0                                                   | 6,696.3               | 6,674.2               | 6,665.4               | 8.1              | 7.1           | -71.15                 |                       | 106.3                               | -463.2       | 566.2                           | 553.5                   | 12.67                     | 44.705             |          |
| 6,800.0                                                   | 6,796.0               | 6,773.2               | 6,764.2               | 8.1              | 7.2           | -71.15                 |                       | 104.1                               | -469.3       | 580.0                           | 567.2                   | 12.83                     | 45.219             |          |
| 6,900.0                                                   | 6,895.6               | 6,872.2               | 6,863.0               | 8.1              | 7.3           | -71.15                 |                       | 101.8                               | -475.4       | 593.8                           | 580.8                   | 12.99                     | 45.706             |          |
| 7,000.0                                                   | 6,995.3               | 6,971.2               | 6,961.8               | 8.2              | 7.4           | -71.15                 |                       | 99.6                                | -481.5       | 607.6                           | 594.5                   | 13.16                     | 46.168             |          |
| 7,100.0                                                   | 7,094.9               | 7,070.2               | 7,060.6               | 8.2              | 7.5           | -71.15                 |                       | 97.4                                | -487.6       | 621.5                           | 608.1                   | 13.33                     | 46.604             |          |
| 7,200.0                                                   | 7,194.6               | 7,169.2               | 7,159.4               | 8.2              | 7.6           | -71.15                 |                       | 95.2                                | -493.8       | 635.3                           | 621.8                   | 13.51                     | 47.017             |          |
| 7,300.0                                                   | 7,294.2               | 7,268.2               | 7,258.2               | 8.3              | 7.7           | -71.15                 |                       | 92.9                                | -499.9       | 649.1                           | 635.4                   | 13.69                     | 47.408             |          |
| 7,400.0                                                   | 7,393.9               | 7,367.2               | 7,356.9               | 8.3              | 7.9           | -71.15                 |                       | 90.7                                | -506.0       | 663.0                           | 649.1                   | 13.88                     | 47.778             |          |
| 7,500.0                                                   | 7,493.5               | 7,466.2               | 7,455.7               | 8.4              | 8.0           | -71.15                 |                       | 88.5                                | -512.1       | 676.9                           | 662.8                   | 14.06                     | 48.128             |          |
| 7,600.0                                                   | 7,593.2               | 7,565.2               | 7,554.5               | 8.4              | 8.1           | -71.15                 |                       | 86.3                                | -518.2       | 690.7                           | 676.5                   | 14.25                     | 48.460             |          |
| 7,700.0                                                   | 7,692.8               | 7,664.2               | 7,653.3               | 8.5              | 8.2           | -71.15                 |                       | 84.0                                | -524.3       | 704.6                           | 690.2                   | 14.45                     | 48.773             |          |
| 7,800.0                                                   | 7,792.5               | 7,763.2               | 7,752.1               | 8.5              | 8.3           | -71.15                 |                       | 81.8                                | -530.5       | 718.5                           | 703.9                   | 14.64                     | 49.070             |          |
| 7,900.0                                                   | 7,892.1               | 7,862.2               | 7,850.9               | 8.6              | 8.4           | -71.15                 |                       | 79.6                                | -536.6       | 732.4                           | 717.6                   | 14.84                     | 49.351             |          |
| 8,000.0                                                   | 7,991.7               | 7,961.2               | 7,949.7               | 8.7              | 8.5           | -71.15                 |                       | 77.3                                | -542.7       | 746.3                           | 731.3                   | 15.04                     | 49.617             |          |
| 8,100.0                                                   | 8,091.4               | 8,060.2               | 8,048.5               | 8.7              | 8.6           | -71.15                 |                       | 75.1                                | -548.8       | 760.2                           | 745.0                   | 15.25                     | 49.868             |          |
| 8,200.0                                                   | 8,191.0               | 8,159.2               | 8,147.3               | 8.8              | 8.7           | -71.15                 |                       | 72.9                                | -554.9       | 774.2                           | 758.7                   | 15.45                     | 50.107             |          |
| 8,300.0                                                   | 8,290.7               | 8,258.2               | 8,246.1               | 8.8              | 8.8           | -71.15                 |                       | 70.7                                | -561.0       | 788.1                           | 772.4                   | 15.66                     | 50.333             |          |
| 8,400.0                                                   | 8,390.3               | 8,357.2               | 8,344.8               | 8.9              | 8.9           | -71.15                 |                       | 68.4                                | -567.2       | 802.0                           | 786.2                   | 15.87                     | 50.547             |          |
| 8,500.0                                                   | 8,490.0               | 8,456.3               | 8,443.6               | 9.0              | 9.1           | -71.15                 |                       | 66.2                                | -573.3       | 816.0                           | 799.9                   | 16.08                     | 50.749             |          |
| 8,600.0                                                   | 8,589.6               | 8,555.3               | 8,542.4               | 9.0              | 9.2           | -71.15                 |                       | 64.0                                | -579.4       | 829.9                           | 813.6                   | 16.29                     | 50.941             |          |
| 8,700.0                                                   | 8,689.3               | 8,654.3               | 8,641.2               | 9.1              | 9.3           | -71.15                 |                       | 61.8                                | -585.5       | 843.8                           | 827.3                   | 16.51                     | 51.124             |          |
| 8,800.0                                                   | 8,788.9               | 8,753.3               | 8,740.0               | 9.2              | 9.4           | -71.15                 |                       | 59.5                                | -591.6       | 857.8                           | 841.1                   | 16.72                     | 51.296             |          |
| 8,900.0                                                   | 8,888.6               | 8,852.3               | 8,838.8               | 9.3              | 9.5           | -71.15                 |                       | 57.3                                | -597.8       | 871.7                           | 854.8                   | 16.94                     | 51.460             |          |
| 9,000.0                                                   | 8,988.2               | 8,951.3               | 8,937.6               | 9.3              | 9.6           | -71.15                 |                       | 55.1                                | -603.9       | 885.7                           | 868.5                   | 17.16                     | 51.615             |          |
| 9,100.0                                                   | 9,087.9               | 9,050.3               | 9,036.4               | 9.4              | 9.7           | -71.15                 |                       | 52.9                                | -610.0       | 899.7                           | 882.3                   | 17.38                     | 51.763             |          |
| 9,200.0                                                   | 9,187.5               | 9,149.3               | 9,135.2               | 9.5              | 9.9           | -71.15                 |                       | 50.6                                | -616.1       | 913.6                           | 896.0                   | 17.60                     | 51.902             |          |
| 9,300.0                                                   | 9,287.2               | 9,229.0               | 9,214.6               | 9.6              | 9.9           | -71.15                 |                       | 53.0                                | -621.0       | 928.5                           | 910.7                   | 17.81                     | 52.146             |          |
| 9,400.0                                                   | 9,386.8               | 9,300.0               | 9,284.5               | 9.7              | 9.9           | -71.15                 |                       | 64.4                                | -625.5       | 945.8                           | 927.8                   | 18.03                     | 52.466             |          |
| 9,500.0                                                   | 9,486.5               | 9,374.0               | 9,355.3               | 9.7              | 10.0          | -71.15                 |                       | 85.3                                | -630.0       | 965.9                           | 947.7                   | 18.27                     | 52.864             |          |
| 9,600.0                                                   | 9,586.1               | 9,437.9               | 9,413.8               | 9.8              | 10.0          | -71.15                 |                       | 110.6                               | -633.8       | 989.6                           | 970.9                   | 18.64                     | 53.075             |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Concho Resources LLC

## Anticollision Report

|                           |                                           |                                     |                               |
|---------------------------|-------------------------------------------|-------------------------------------|-------------------------------|
| <b>Company:</b>           | DELAWARE BASIN EAST                       | <b>Local Co-ordinate Reference:</b> | Well BEDLINGTON FED COM 703H  |
| <b>Project:</b>           | BULLDOG PROSPECT (NM-E)                   | <b>TVD Reference:</b>               | KB=26' @ 3649.0usft (McVay 8) |
| <b>Reference Site:</b>    | BEDLINGTON FEDERAL PROJECT (BULLDOG 2332) | <b>MD Reference:</b>                | KB=26' @ 3649.0usft (McVay 8) |
| <b>Site Error:</b>        | 3.0 usft                                  | <b>North Reference:</b>             | Grid                          |
| <b>Reference Well:</b>    | BEDLINGTON FED COM 703H                   | <b>Survey Calculation Method:</b>   | Minimum Curvature             |
| <b>Well Error:</b>        | 3.0 usft                                  | <b>Output errors are at</b>         | 2.00 sigma                    |
| <b>Reference Wellbore</b> | OWB                                       | <b>Database:</b>                    | edm                           |
| <b>Reference Design:</b>  | PWP2                                      | <b>Offset TVD Reference:</b>        | Offset Datum                  |

| Offset Design                   |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           | Offset Site Error: | 3.0 usft |
|---------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|--------------------|----------|
| Survey Program: 0-MWD+IFR1+FDIR |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           | Offset Well Error: | 3.0 usft |
| Reference                       |                       |                       |                       | Semi Major Axis  |               |                       | Distance                            |              |                        |                         |                           |                    |          |
| Measured Depth (usft)           | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor  | Warning  |
| 0.0                             | 0.0                   | 0.0                   | 0.0                   | 3.0              | 3.0           | -42.40                | 198.3                               | -181.1       | 268.5                  |                         |                           |                    |          |
| 100.0                           | 100.0                 | 100.0                 | 100.0                 | 3.0              | 3.0           | -42.40                | 198.3                               | -181.1       | 268.5                  | 262.5                   | 6.00                      | 44.732             |          |
| 200.0                           | 200.0                 | 200.0                 | 200.0                 | 3.0              | 3.0           | -42.40                | 198.3                               | -181.1       | 268.5                  | 262.5                   | 6.04                      | 44.433             |          |
| 300.0                           | 300.0                 | 300.0                 | 300.0                 | 3.0              | 3.1           | -42.40                | 198.3                               | -181.1       | 268.5                  | 262.4                   | 6.13                      | 43.815             |          |
| 400.0                           | 400.0                 | 400.0                 | 400.0                 | 3.0              | 3.2           | -42.40                | 198.3                               | -181.1       | 268.5                  | 262.3                   | 6.26                      | 42.924             |          |
| 500.0                           | 500.0                 | 500.0                 | 500.0                 | 3.1              | 3.4           | -42.40                | 198.3                               | -181.1       | 268.5                  | 262.1                   | 6.42                      | 41.819             |          |
| 600.0                           | 600.0                 | 600.0                 | 600.0                 | 3.1              | 3.6           | -42.40                | 198.3                               | -181.1       | 268.5                  | 261.9                   | 6.62                      | 40.564             |          |
| 700.0                           | 700.0                 | 700.0                 | 700.0                 | 3.1              | 3.8           | -42.40                | 198.3                               | -181.1       | 268.5                  | 261.7                   | 6.85                      | 39.213             |          |
| 800.0                           | 800.0                 | 800.0                 | 800.0                 | 3.2              | 4.0           | -42.40                | 198.3                               | -181.1       | 268.5                  | 261.4                   | 7.10                      | 37.814             |          |
| 900.0                           | 900.0                 | 900.0                 | 900.0                 | 3.2              | 4.2           | -42.40                | 198.3                               | -181.1       | 268.5                  | 261.2                   | 7.38                      | 36.405             |          |
| 1,000.0                         | 1,000.0               | 1,000.0               | 1,000.0               | 3.2              | 4.5           | -42.40                | 198.3                               | -181.1       | 268.5                  | 260.9                   | 7.67                      | 35.011             |          |
| 1,100.0                         | 1,100.0               | 1,100.0               | 1,100.0               | 3.3              | 4.8           | -42.40                | 198.3                               | -181.1       | 268.5                  | 260.6                   | 7.98                      | 33.653             |          |
| 1,200.0                         | 1,200.0               | 1,200.0               | 1,200.0               | 3.4              | 5.1           | -42.40                | 198.3                               | -181.1       | 268.5                  | 260.2                   | 8.30                      | 32.342             |          |
| 1,300.0                         | 1,300.0               | 1,300.0               | 1,300.0               | 3.4              | 5.4           | -42.40                | 198.3                               | -181.1       | 268.5                  | 259.9                   | 8.64                      | 31.086             |          |
| 1,400.0                         | 1,400.0               | 1,400.0               | 1,400.0               | 3.5              | 5.7           | -42.40                | 198.3                               | -181.1       | 268.5                  | 259.6                   | 8.98                      | 29.889             |          |
| 1,500.0                         | 1,500.0               | 1,500.0               | 1,500.0               | 3.5              | 6.0           | -42.40                | 198.3                               | -181.1       | 268.5                  | 259.2                   | 9.34                      | 28.752             |          |
| 1,600.0                         | 1,600.0               | 1,600.0               | 1,600.0               | 3.6              | 6.3           | -42.40                | 198.3                               | -181.1       | 268.5                  | 258.8                   | 9.70                      | 27.675             |          |
| 1,700.0                         | 1,700.0               | 1,700.0               | 1,700.0               | 3.7              | 6.6           | -42.40                | 198.3                               | -181.1       | 268.5                  | 258.5                   | 10.07                     | 26.657             |          |
| 1,800.0                         | 1,800.0               | 1,800.0               | 1,800.0               | 3.8              | 6.9           | -42.40                | 198.3                               | -181.1       | 268.5                  | 258.1                   | 10.45                     | 25.694             |          |
| 1,900.0                         | 1,900.0               | 1,900.0               | 1,900.0               | 3.9              | 7.2           | -42.40                | 198.3                               | -181.1       | 268.5                  | 257.7                   | 10.83                     | 24.786             |          |
| 2,000.0                         | 2,000.0               | 2,000.0               | 2,000.0               | 3.9              | 7.6           | -42.40                | 198.3                               | -181.1       | 268.5                  | 257.3                   | 11.22                     | 23.928             |          |
| 2,100.0                         | 2,100.0               | 2,100.0               | 2,100.0               | 4.0              | 7.9           | -42.40                | 198.3                               | -181.1       | 268.5                  | 256.9                   | 11.62                     | 23.118             |          |
| 2,200.0                         | 2,200.0               | 2,200.0               | 2,200.0               | 4.1              | 8.2           | -42.40                | 198.3                               | -181.1       | 268.5                  | 256.5                   | 12.01                     | 22.352             |          |
| 2,300.0                         | 2,300.0               | 2,300.0               | 2,300.0               | 4.2              | 8.6           | -42.40                | 198.3                               | -181.1       | 268.5                  | 256.1                   | 12.42                     | 21.629             |          |
| 2,400.0                         | 2,400.0               | 2,400.0               | 2,400.0               | 4.3              | 8.9           | -42.40                | 198.3                               | -181.1       | 268.5                  | 255.7                   | 12.82                     | 20.945             |          |
| 2,500.0                         | 2,500.0               | 2,500.0               | 2,500.0               | 4.4              | 9.2           | -42.40                | 198.3                               | -181.1       | 268.5                  | 255.3                   | 13.23                     | 20.298             |          |
| 2,600.0                         | 2,600.0               | 2,600.0               | 2,600.0               | 4.5              | 9.6           | -42.40                | 198.3                               | -181.1       | 268.5                  | 254.9                   | 13.64                     | 19.685             |          |
| 2,700.0                         | 2,700.0               | 2,700.0               | 2,700.0               | 4.6              | 9.9           | -42.40                | 198.3                               | -181.1       | 268.5                  | 254.5                   | 14.06                     | 19.104             |          |
| 2,800.0                         | 2,800.0               | 2,800.0               | 2,800.0               | 4.7              | 10.3          | -42.40                | 198.3                               | -181.1       | 268.5                  | 254.1                   | 14.47                     | 18.553             |          |
| 2,900.0                         | 2,900.0               | 2,900.0               | 2,900.0               | 4.8              | 10.6          | -42.40                | 198.3                               | -181.1       | 268.5                  | 253.6                   | 14.89                     | 18.030             |          |
| 3,000.0                         | 3,000.0               | 3,000.0               | 3,000.0               | 4.9              | 10.9          | -42.40                | 198.3                               | -181.1       | 268.5                  | 253.2                   | 15.32                     | 17.533             |          |
| 3,100.0                         | 3,100.0               | 3,100.0               | 3,100.0               | 5.0              | 11.3          | -42.40                | 198.3                               | -181.1       | 268.5                  | 252.8                   | 15.74                     | 17.060             |          |
| 3,200.0                         | 3,200.0               | 3,200.0               | 3,200.0               | 5.1              | 11.6          | -42.40                | 198.3                               | -181.1       | 268.5                  | 252.4                   | 16.17                     | 16.610             |          |
| 3,300.0                         | 3,300.0               | 3,300.0               | 3,300.0               | 5.2              | 12.0          | -42.40                | 198.3                               | -181.1       | 268.5                  | 251.9                   | 16.60                     | 16.181             |          |
| 3,400.0                         | 3,400.0               | 3,400.0               | 3,400.0               | 5.3              | 12.3          | -42.40                | 198.3                               | -181.1       | 268.5                  | 251.5                   | 17.03                     | 15.773             |          |
| 3,500.0                         | 3,500.0               | 3,500.0               | 3,500.0               | 5.4              | 12.7          | -42.40                | 198.3                               | -181.1       | 268.5                  | 251.1                   | 17.46                     | 15.383             |          |
| 3,600.0                         | 3,600.0               | 3,600.0               | 3,600.0               | 5.5              | 13.0          | -42.40                | 198.3                               | -181.1       | 268.5                  | 250.6                   | 17.89                     | 15.010             |          |
| 3,700.0                         | 3,700.0               | 3,700.0               | 3,700.0               | 5.7              | 13.4          | -42.40                | 198.3                               | -181.1       | 268.5                  | 250.2                   | 18.32                     | 14.654             |          |
| 3,800.0                         | 3,800.0               | 3,800.0               | 3,800.0               | 5.8              | 13.7          | -42.40                | 198.3                               | -181.1       | 268.5                  | 249.8                   | 18.76                     | 14.314             |          |
| 3,900.0                         | 3,900.0               | 3,900.0               | 3,900.0               | 5.9              | 14.1          | -42.40                | 198.3                               | -181.1       | 268.5                  | 249.3                   | 19.20                     | 13.988             |          |
| 4,000.0                         | 4,000.0               | 4,000.0               | 4,000.0               | 6.0              | 14.4          | -42.40                | 198.3                               | -181.1       | 268.5                  | 248.9                   | 19.64                     | 13.675             |          |
| 4,100.0                         | 4,100.0               | 4,100.0               | 4,100.0               | 6.1              | 14.8          | -42.40                | 198.3                               | -181.1       | 268.5                  | 248.5                   | 20.08                     | 13.376             |          |
| 4,200.0                         | 4,200.0               | 4,200.0               | 4,200.0               | 6.2              | 15.1          | -42.40                | 198.3                               | -181.1       | 268.5                  | 248.0                   | 20.52                     | 13.089             |          |
| 4,300.0                         | 4,300.0               | 4,300.0               | 4,300.0               | 6.3              | 15.5          | -42.40                | 198.3                               | -181.1       | 268.5                  | 247.6                   | 20.96                     | 12.813             |          |
| 4,400.0                         | 4,400.0               | 4,400.0               | 4,400.0               | 6.5              | 15.8          | -42.40                | 198.3                               | -181.1       | 268.5                  | 247.1                   | 21.40                     | 12.548             |          |
| 4,500.0                         | 4,500.0               | 4,500.0               | 4,500.0               | 6.6              | 16.2          | -42.40                | 198.3                               | -181.1       | 268.5                  | 246.7                   | 21.84                     | 12.293             |          |
| 4,600.0                         | 4,600.0               | 4,600.0               | 4,600.0               | 6.7              | 16.5          | -42.40                | 198.3                               | -181.1       | 268.5                  | 246.2                   | 22.29                     | 12.048             |          |
| 4,700.0                         | 4,700.0               | 4,700.0               | 4,700.0               | 6.8              | 16.9          | -42.40                | 198.3                               | -181.1       | 268.5                  | 245.8                   | 22.73                     | 11.812             |          |
| 4,800.0                         | 4,800.0               | 4,800.0               | 4,800.0               | 6.9              | 17.2          | -42.40                | 198.3                               | -181.1       | 268.5                  | 245.4                   | 23.18                     | 11.585             |          |
| 4,900.0                         | 4,900.0               | 4,900.0               | 4,900.0               | 7.0              | 17.6          | -42.40                | 198.3                               | -181.1       | 268.5                  | 244.9                   | 23.63                     | 11.366             |          |
| 5,000.0                         | 5,000.0               | 5,000.0               | 5,000.0               | 7.2              | 18.0          | -42.40                | 198.3                               | -181.1       | 268.5                  | 244.5                   | 24.07                     | 11.155             |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Concho Resources LLC

## Anticollision Report

|                           |                                           |                                     |                               |
|---------------------------|-------------------------------------------|-------------------------------------|-------------------------------|
| <b>Company:</b>           | DELAWARE BASIN EAST                       | <b>Local Co-ordinate Reference:</b> | Well BEDLINGTON FED COM 703H  |
| <b>Project:</b>           | BULLDOG PROSPECT (NM-E)                   | <b>TVD Reference:</b>               | KB=26' @ 3649.0usft (McVay 8) |
| <b>Reference Site:</b>    | BEDLINGTON FEDERAL PROJECT (BULLDOG 2332) | <b>MD Reference:</b>                | KB=26' @ 3649.0usft (McVay 8) |
| <b>Site Error:</b>        | 3.0 usft                                  | <b>North Reference:</b>             | Grid                          |
| <b>Reference Well:</b>    | BEDLINGTON FED COM 703H                   | <b>Survey Calculation Method:</b>   | Minimum Curvature             |
| <b>Well Error:</b>        | 3.0 usft                                  | <b>Output errors are at</b>         | 2.00 sigma                    |
| <b>Reference Wellbore</b> | OWB                                       | <b>Database:</b>                    | edm                           |
| <b>Reference Design:</b>  | PWP2                                      | <b>Offset TVD Reference:</b>        | Offset Datum                  |

| Offset Design                   |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Site Error: | 3.0 usft |
|---------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|----------|
| Survey Program: 0-MWD+IFR1+FDIR |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Well Error: | 3.0 usft |
| Reference                       |                       | Offset                |                       | Semi Major Axis  |               |                       | Distance                            |              |                        |                         |                           |                   | Warning            |          |
| Measured Depth (usft)           | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor |                    |          |
| 5,100.0                         | 5,100.0               | 5,100.0               | 5,100.0               | 7.3              | 18.3          | -42.40                | 198.3                               | -181.1       | 268.5                  | 244.0                   | 24.52                     | 10.951            |                    |          |
| 5,200.0                         | 5,200.0               | 5,200.0               | 5,200.0               | 7.4              | 18.7          | -42.40                | 198.3                               | -181.1       | 268.5                  | 243.6                   | 24.97                     | 10.754            |                    |          |
| 5,300.0                         | 5,300.0               | 5,300.0               | 5,300.0               | 7.5              | 19.0          | -42.40                | 198.3                               | -181.1       | 268.5                  | 243.1                   | 25.42                     | 10.564            |                    |          |
| 5,400.0                         | 5,400.0               | 5,400.0               | 5,400.0               | 7.6              | 19.4          | -42.40                | 198.3                               | -181.1       | 268.5                  | 242.7                   | 25.87                     | 10.380            |                    |          |
| 5,500.0                         | 5,500.0               | 5,500.0               | 5,500.0               | 7.8              | 19.7          | -42.40                | 198.3                               | -181.1       | 268.5                  | 242.2                   | 26.32                     | 10.203            |                    |          |
| 5,600.0                         | 5,600.0               | 5,609.1               | 5,609.0               | 7.8              | 20.1          | -151.56               | 197.6                               | -179.1       | 268.4                  | 241.7                   | 26.72                     | 10.044            |                    |          |
| 5,700.0                         | 5,699.8               | 5,718.1               | 5,717.9               | 7.8              | 20.5          | -151.53               | 195.5                               | -173.3       | 267.9                  | 240.9                   | 27.04                     | 9.909             |                    |          |
| 5,740.7                         | 5,740.4               | 5,761.4               | 5,761.0               | 7.8              | 20.6          | -151.51               | 194.2                               | -169.9       | 267.7                  | 240.5                   | 27.17                     | 9.853             |                    |          |
| 5,800.0                         | 5,799.5               | 5,820.7               | 5,820.2               | 7.9              | 20.8          | -151.51               | 192.5                               | -165.1       | 267.5                  | 240.1                   | 27.35                     | 9.779             |                    |          |
| 5,900.0                         | 5,899.2               | 5,920.7               | 5,919.8               | 7.9              | 21.1          | -151.50               | 189.5                               | -156.9       | 267.1                  | 239.5                   | 27.67                     | 9.654             |                    |          |
| 6,000.0                         | 5,998.8               | 6,020.7               | 6,019.4               | 7.9              | 21.5          | -151.49               | 186.5                               | -148.7       | 266.8                  | 238.8                   | 27.99                     | 9.532             |                    |          |
| 6,100.0                         | 6,098.4               | 6,120.7               | 6,119.0               | 7.9              | 21.8          | -151.48               | 183.5                               | -140.5       | 266.4                  | 238.1                   | 28.31                     | 9.411             |                    |          |
| 6,200.0                         | 6,198.1               | 6,220.7               | 6,218.6               | 7.9              | 22.1          | -151.47               | 180.5                               | -132.3       | 266.1                  | 237.5                   | 28.64                     | 9.292             |                    |          |
| 6,300.0                         | 6,297.7               | 6,320.7               | 6,318.2               | 7.9              | 22.5          | -151.46               | 177.5                               | -124.1       | 265.7                  | 236.8                   | 28.96                     | 9.175             |                    |          |
| 6,400.0                         | 6,397.4               | 6,420.7               | 6,417.9               | 8.0              | 22.8          | -151.45               | 174.6                               | -115.9       | 265.4                  | 236.1                   | 29.29                     | 9.060             |                    |          |
| 6,500.0                         | 6,497.0               | 6,520.7               | 6,517.5               | 8.0              | 23.2          | -151.44               | 171.6                               | -107.7       | 265.1                  | 235.4                   | 29.63                     | 8.946             |                    |          |
| 6,600.0                         | 6,596.7               | 6,620.7               | 6,617.1               | 8.0              | 23.5          | -151.43               | 168.6                               | -99.5        | 264.7                  | 234.7                   | 29.97                     | 8.834             |                    |          |
| 6,700.0                         | 6,696.3               | 6,720.7               | 6,716.7               | 8.1              | 23.8          | -151.42               | 165.6                               | -91.3        | 264.4                  | 234.1                   | 30.30                     | 8.723             |                    |          |
| 6,800.0                         | 6,796.0               | 6,820.7               | 6,816.3               | 8.1              | 24.2          | -151.41               | 162.6                               | -83.2        | 264.0                  | 233.4                   | 30.65                     | 8.614             |                    |          |
| 6,900.0                         | 6,895.6               | 6,920.7               | 6,916.0               | 8.1              | 24.5          | -151.40               | 159.7                               | -75.0        | 263.7                  | 232.7                   | 30.99                     | 8.507             |                    |          |
| 7,000.0                         | 6,995.3               | 7,020.7               | 7,015.6               | 8.2              | 24.9          | -151.39               | 156.7                               | -66.8        | 263.3                  | 232.0                   | 31.34                     | 8.402             |                    |          |
| 7,100.0                         | 7,094.9               | 7,120.7               | 7,115.2               | 8.2              | 25.2          | -151.38               | 153.7                               | -58.6        | 263.0                  | 231.3                   | 31.69                     | 8.298             |                    |          |
| 7,200.0                         | 7,194.6               | 7,220.7               | 7,214.8               | 8.2              | 25.5          | -151.37               | 150.7                               | -50.4        | 262.6                  | 230.6                   | 32.05                     | 8.195             |                    |          |
| 7,300.0                         | 7,294.2               | 7,320.7               | 7,314.4               | 8.3              | 25.9          | -151.36               | 147.7                               | -42.2        | 262.3                  | 229.9                   | 32.40                     | 8.094             |                    |          |
| 7,400.0                         | 7,393.9               | 7,420.7               | 7,414.1               | 8.3              | 26.2          | -151.35               | 144.8                               | -34.0        | 261.9                  | 229.2                   | 32.76                     | 7.995             |                    |          |
| 7,500.0                         | 7,493.5               | 7,520.7               | 7,513.7               | 8.4              | 26.6          | -151.34               | 141.8                               | -25.8        | 261.6                  | 228.5                   | 33.13                     | 7.897             |                    |          |
| 7,600.0                         | 7,593.2               | 7,620.7               | 7,613.3               | 8.4              | 26.9          | -151.34               | 138.8                               | -17.6        | 261.2                  | 227.8                   | 33.49                     | 7.801             |                    |          |
| 7,700.0                         | 7,692.8               | 7,720.7               | 7,712.9               | 8.5              | 27.3          | -151.33               | 135.8                               | -9.4         | 260.9                  | 227.0                   | 33.86                     | 7.706             |                    |          |
| 7,800.0                         | 7,792.5               | 7,820.7               | 7,812.5               | 8.5              | 27.6          | -151.32               | 132.8                               | -1.3         | 260.6                  | 226.3                   | 34.23                     | 7.612             |                    |          |
| 7,900.0                         | 7,892.1               | 7,920.7               | 7,912.2               | 8.6              | 28.0          | -151.31               | 129.9                               | 6.9          | 260.2                  | 225.6                   | 34.60                     | 7.520             |                    |          |
| 8,000.0                         | 7,991.7               | 8,020.7               | 8,011.8               | 8.7              | 28.3          | -151.30               | 126.9                               | 15.1         | 259.9                  | 224.9                   | 34.98                     | 7.430             |                    |          |
| 8,100.0                         | 8,091.4               | 8,120.7               | 8,111.4               | 8.7              | 28.7          | -151.29               | 123.9                               | 23.3         | 259.5                  | 224.2                   | 35.35                     | 7.341             |                    |          |
| 8,200.0                         | 8,191.0               | 8,220.7               | 8,211.0               | 8.8              | 29.0          | -151.28               | 120.9                               | 31.5         | 259.2                  | 223.4                   | 35.73                     | 7.253             |                    |          |
| 8,300.0                         | 8,290.7               | 8,320.7               | 8,310.6               | 8.8              | 29.4          | -151.27               | 117.9                               | 39.7         | 258.8                  | 222.7                   | 36.12                     | 7.167             |                    |          |
| 8,400.0                         | 8,390.3               | 8,420.7               | 8,410.2               | 8.9              | 29.7          | -151.26               | 114.9                               | 47.9         | 258.5                  | 222.0                   | 36.50                     | 7.082             |                    |          |
| 8,500.0                         | 8,490.0               | 8,520.7               | 8,509.9               | 9.0              | 30.1          | -151.25               | 112.0                               | 56.1         | 258.1                  | 221.2                   | 36.89                     | 6.998             |                    |          |
| 8,600.0                         | 8,589.6               | 8,620.7               | 8,609.5               | 9.0              | 30.4          | -151.24               | 109.0                               | 64.3         | 257.8                  | 220.5                   | 37.28                     | 6.916             |                    |          |
| 8,700.0                         | 8,689.3               | 8,720.7               | 8,709.1               | 9.1              | 30.8          | -151.23               | 106.0                               | 72.5         | 257.4                  | 219.8                   | 37.67                     | 6.835             |                    |          |
| 8,800.0                         | 8,788.9               | 8,820.7               | 8,808.7               | 9.2              | 31.1          | -151.22               | 103.0                               | 80.6         | 257.1                  | 219.0                   | 38.06                     | 6.755             |                    |          |
| 8,900.0                         | 8,888.6               | 8,920.7               | 8,908.3               | 9.3              | 31.5          | -151.21               | 100.0                               | 88.8         | 256.7                  | 218.3                   | 38.46                     | 6.676             |                    |          |
| 9,000.0                         | 8,988.2               | 9,020.7               | 9,008.0               | 9.3              | 31.8          | -151.20               | 97.1                                | 97.0         | 256.4                  | 217.5                   | 38.86                     | 6.599             |                    |          |
| 9,079.7                         | 9,067.7               | 9,099.5               | 9,086.4               | 9.4              | 32.1          | -151.19               | 94.7                                | 103.5        | 256.1                  | 217.0                   | 39.17                     | 6.539 CC, ES      |                    |          |
| 9,100.0                         | 9,087.9               | 9,114.6               | 9,101.5               | 9.4              | 32.2          | -151.15               | 94.5                                | 104.7        | 256.3                  | 217.1                   | 39.24                     | 6.532 SF          |                    |          |
| 9,200.0                         | 9,187.5               | 9,188.5               | 9,174.9               | 9.5              | 32.4          | -150.13               | 99.4                                | 110.5        | 263.4                  | 223.7                   | 39.65                     | 6.643             |                    |          |
| 9,300.0                         | 9,287.2               | 9,259.5               | 9,244.4               | 9.6              | 32.7          | -148.04               | 113.0                               | 115.8        | 280.5                  | 240.4                   | 40.12                     | 6.992             |                    |          |
| 9,400.0                         | 9,386.8               | 9,325.7               | 9,307.2               | 9.7              | 32.9          | -145.38               | 133.3                               | 120.4        | 307.9                  | 267.3                   | 40.60                     | 7.584             |                    |          |
| 9,500.0                         | 9,486.5               | 9,386.1               | 9,362.1               | 9.7              | 33.1          | -142.62               | 158.1                               | 124.2        | 345.3                  | 304.3                   | 41.01                     | 8.420             |                    |          |
| 9,600.0                         | 9,586.1               | 9,440.3               | 9,409.0               | 9.8              | 33.2          | -140.06               | 185.1                               | 127.2        | 392.0                  | 350.7                   | 41.30                     | 9.491             |                    |          |
| 9,700.0                         | 9,685.8               | 9,488.3               | 9,448.2               | 9.9              | 33.3          | -137.83               | 212.6                               | 129.7        | 446.8                  | 405.3                   | 41.46                     | 10.775            |                    |          |
| 9,800.0                         | 9,785.4               | 9,530.5               | 9,480.7               | 10.0             | 33.4          | -135.94               | 239.5                               | 131.6        | 508.4                  | 466.9                   | 41.53                     | 12.243            |                    |          |
| 9,900.0                         | 9,885.0               | 9,567.7               | 9,507.6               | 10.1             | 33.5          | -134.37               | 265.1                               | 133.0        | 575.9                  | 534.4                   | 41.53                     | 13.867            |                    |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## Concho Resources LLC

## Anticollision Report

|                           |                                           |                                     |                               |
|---------------------------|-------------------------------------------|-------------------------------------|-------------------------------|
| <b>Company:</b>           | DELAWARE BASIN EAST                       | <b>Local Co-ordinate Reference:</b> | Well BEDLINGTON FED COM 703H  |
| <b>Project:</b>           | BULLDOG PROSPECT (NM-E)                   | <b>TVD Reference:</b>               | KB=26' @ 3649.0usft (McVay 8) |
| <b>Reference Site:</b>    | BEDLINGTON FEDERAL PROJECT (BULLDOG 2332) | <b>MD Reference:</b>                | KB=26' @ 3649.0usft (McVay 8) |
| <b>Site Error:</b>        | 3.0 usft                                  | <b>North Reference:</b>             | Grid                          |
| <b>Reference Well:</b>    | BEDLINGTON FED COM 703H                   | <b>Survey Calculation Method:</b>   | Minimum Curvature             |
| <b>Well Error:</b>        | 3.0 usft                                  | <b>Output errors are at</b>         | 2.00 sigma                    |
| <b>Reference Wellbore</b> | OWB                                       | <b>Database:</b>                    | edm                           |
| <b>Reference Design:</b>  | PWP2                                      | <b>Offset TVD Reference:</b>        | Offset Datum                  |

| <b>Offset Design</b> BEDLINGTON FEDERAL PROJECT (BULLDOG 2332) - BEDLINGTON FED COM 303H - OWB - PWP |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           | <b>Offset Site Error:</b> | 3.0 usft |
|------------------------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|---------------------------|----------|
| <b>Survey Program:</b> 0-MWD+IFR1+FDIR                                                               |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           | <b>Offset Well Error:</b> | 3.0 usft |
| Reference                                                                                            |                       | Offset                |                       | Semi Major Axis  |               |                       | Distance                            |              |                        |                         |                           |                           |          |
| Measured Depth (usft)                                                                                | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor         | Warning  |
| 10,000.0                                                                                             | 9,984.7               | 9,600.0               | 9,529.6               | 10.2             | 33.6          | -133.07               | 288.7                               | 134.2        | 648.1                  | 606.6                   | 41.51                     | 15.612                    |          |
| 10,100.0                                                                                             | 10,084.3              | 9,628.9               | 9,548.2               | 10.3             | 33.7          | -131.98               | 310.9                               | 135.1        | 724.2                  | 682.7                   | 41.49                     | 17.455                    |          |
| 10,200.0                                                                                             | 10,184.0              | 9,650.0               | 9,561.0               | 10.4             | 33.7          | -131.22               | 327.6                               | 135.7        | 803.6                  | 762.2                   | 41.44                     | 19.391                    |          |
| 10,300.0                                                                                             | 10,283.6              | 9,676.7               | 9,576.3               | 10.4             | 33.8          | -130.31               | 349.4                               | 136.3        | 885.6                  | 844.1                   | 41.49                     | 21.343                    |          |
| 10,400.0                                                                                             | 10,383.3              | 9,700.0               | 9,588.8               | 10.5             | 33.8          | -129.55               | 369.1                               | 136.8        | 969.8                  | 928.3                   | 41.56                     | 23.335                    |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Concho Resources LLC

## Anticollision Report

|                           |                                           |                                     |                               |
|---------------------------|-------------------------------------------|-------------------------------------|-------------------------------|
| <b>Company:</b>           | DELAWARE BASIN EAST                       | <b>Local Co-ordinate Reference:</b> | Well BEDLINGTON FED COM 703H  |
| <b>Project:</b>           | BULLDOG PROSPECT (NM-E)                   | <b>TVD Reference:</b>               | KB=26' @ 3649.0usft (McVay 8) |
| <b>Reference Site:</b>    | BEDLINGTON FEDERAL PROJECT (BULLDOG 2332) | <b>MD Reference:</b>                | KB=26' @ 3649.0usft (McVay 8) |
| <b>Site Error:</b>        | 3.0 usft                                  | <b>North Reference:</b>             | Grid                          |
| <b>Reference Well:</b>    | BEDLINGTON FED COM 703H                   | <b>Survey Calculation Method:</b>   | Minimum Curvature             |
| <b>Well Error:</b>        | 3.0 usft                                  | <b>Output errors are at</b>         | 2.00 sigma                    |
| <b>Reference Wellbore</b> | OWB                                       | <b>Database:</b>                    | edm                           |
| <b>Reference Design:</b>  | PWP2                                      | <b>Offset TVD Reference:</b>        | Offset Datum                  |

| Offset Design         |                       | BEDLINGTON FEDERAL PROJECT (BULLDOG 2332) - BEDLINGTON FED COM 501H - OWB - PWP |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Site Error: |         | 3.0 usft |
|-----------------------|-----------------------|---------------------------------------------------------------------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|---------|----------|
| Survey Program:       |                       | 0-Standard Keeper 104, 10117-MWD+IFR1+FDIR                                      |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Well Error: |         | 3.0 usft |
| Reference             |                       | Offset                                                                          |                       | Semi Major Axis  |               | Distance              |                                     |              |                        |                         |                           |                   |                    | Warning |          |
| Measured Depth (usft) | Vertical Depth (usft) | Measured Depth (usft)                                                           | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor |                    |         |          |
| 0.0                   | 0.0                   | 0.0                                                                             | 0.0                   | 3.0              | 3.0           | -90.54                | -3.0                                | -320.0       | 320.0                  |                         |                           |                   |                    |         |          |
| 100.0                 | 100.0                 | 99.0                                                                            | 99.0                  | 3.0              | 3.0           | -90.54                | -3.0                                | -320.0       | 320.0                  | 314.0                   | 6.00                      | 53.332            |                    |         |          |
| 200.0                 | 200.0                 | 199.0                                                                           | 199.0                 | 3.0              | 3.0           | -90.54                | -3.0                                | -320.0       | 320.0                  | 314.0                   | 6.00                      | 53.307            |                    |         |          |
| 300.0                 | 300.0                 | 299.0                                                                           | 299.0                 | 3.0              | 3.0           | -90.54                | -3.0                                | -320.0       | 320.0                  | 314.0                   | 6.01                      | 53.253            |                    |         |          |
| 400.0                 | 400.0                 | 399.0                                                                           | 399.0                 | 3.0              | 3.0           | -90.54                | -3.0                                | -320.0       | 320.0                  | 314.0                   | 6.02                      | 53.171            |                    |         |          |
| 500.0                 | 500.0                 | 499.0                                                                           | 499.0                 | 3.1              | 3.1           | -90.54                | -3.0                                | -320.0       | 320.0                  | 314.0                   | 6.03                      | 53.061            |                    |         |          |
| 600.0                 | 600.0                 | 599.0                                                                           | 599.0                 | 3.1              | 3.1           | -90.54                | -3.0                                | -320.0       | 320.0                  | 314.0                   | 6.05                      | 52.923            |                    |         |          |
| 700.0                 | 700.0                 | 699.0                                                                           | 699.0                 | 3.1              | 3.1           | -90.54                | -3.0                                | -320.0       | 320.0                  | 313.9                   | 6.07                      | 52.758            |                    |         |          |
| 800.0                 | 800.0                 | 799.0                                                                           | 799.0                 | 3.2              | 3.2           | -90.54                | -3.0                                | -320.0       | 320.0                  | 313.9                   | 6.09                      | 52.567            |                    |         |          |
| 900.0                 | 900.0                 | 899.0                                                                           | 899.0                 | 3.2              | 3.2           | -90.54                | -3.0                                | -320.0       | 320.0                  | 313.9                   | 6.11                      | 52.351            |                    |         |          |
| 1,000.0               | 1,000.0               | 999.0                                                                           | 999.0                 | 3.2              | 3.2           | -90.54                | -3.0                                | -320.0       | 320.0                  | 313.9                   | 6.14                      | 52.111            |                    |         |          |
| 1,100.0               | 1,100.0               | 1,099.0                                                                         | 1,099.0               | 3.3              | 3.3           | -90.54                | -3.0                                | -320.0       | 320.0                  | 313.8                   | 6.17                      | 51.847            |                    |         |          |
| 1,200.0               | 1,200.0               | 1,199.0                                                                         | 1,199.0               | 3.4              | 3.4           | -90.54                | -3.0                                | -320.0       | 320.0                  | 313.8                   | 6.21                      | 51.561            |                    |         |          |
| 1,300.0               | 1,300.0               | 1,299.0                                                                         | 1,299.0               | 3.4              | 3.4           | -90.54                | -3.0                                | -320.0       | 320.0                  | 313.8                   | 6.24                      | 51.254            |                    |         |          |
| 1,400.0               | 1,400.0               | 1,399.0                                                                         | 1,399.0               | 3.5              | 3.5           | -90.54                | -3.0                                | -320.0       | 320.0                  | 313.7                   | 6.28                      | 50.927            |                    |         |          |
| 1,500.0               | 1,500.0               | 1,499.0                                                                         | 1,499.0               | 3.5              | 3.5           | -90.54                | -3.0                                | -320.0       | 320.0                  | 313.7                   | 6.33                      | 50.582            |                    |         |          |
| 1,600.0               | 1,600.0               | 1,599.0                                                                         | 1,599.0               | 3.6              | 3.6           | -90.54                | -3.0                                | -320.0       | 320.0                  | 313.6                   | 6.37                      | 50.220            |                    |         |          |
| 1,700.0               | 1,700.0               | 1,699.0                                                                         | 1,699.0               | 3.7              | 3.7           | -90.54                | -3.0                                | -320.0       | 320.0                  | 313.6                   | 6.42                      | 49.841            |                    |         |          |
| 1,800.0               | 1,800.0               | 1,799.0                                                                         | 1,799.0               | 3.8              | 3.8           | -90.54                | -3.0                                | -320.0       | 320.0                  | 313.5                   | 6.47                      | 49.448            |                    |         |          |
| 1,900.0               | 1,900.0               | 1,899.0                                                                         | 1,899.0               | 3.9              | 3.9           | -90.54                | -3.0                                | -320.0       | 320.0                  | 313.5                   | 6.53                      | 49.042            |                    |         |          |
| 2,000.0               | 2,000.0               | 1,999.0                                                                         | 1,999.0               | 3.9              | 3.9           | -90.54                | -3.0                                | -320.0       | 320.0                  | 313.4                   | 6.58                      | 48.624            |                    |         |          |
| 2,100.0               | 2,100.0               | 2,099.0                                                                         | 2,099.0               | 4.0              | 4.0           | -90.54                | -3.0                                | -320.0       | 320.0                  | 313.4                   | 6.64                      | 48.195            |                    |         |          |
| 2,200.0               | 2,200.0               | 2,199.0                                                                         | 2,199.0               | 4.1              | 4.1           | -90.54                | -3.0                                | -320.0       | 320.0                  | 313.3                   | 6.70                      | 47.756            |                    |         |          |
| 2,300.0               | 2,300.0               | 2,299.0                                                                         | 2,299.0               | 4.2              | 4.2           | -90.54                | -3.0                                | -320.0       | 320.0                  | 313.2                   | 6.76                      | 47.309            |                    |         |          |
| 2,400.0               | 2,400.0               | 2,399.0                                                                         | 2,399.0               | 4.3              | 4.3           | -90.54                | -3.0                                | -320.0       | 320.0                  | 313.2                   | 6.83                      | 46.854            |                    |         |          |
| 2,500.0               | 2,500.0               | 2,499.0                                                                         | 2,499.0               | 4.4              | 4.4           | -90.54                | -3.0                                | -320.0       | 320.0                  | 313.1                   | 6.90                      | 46.394 CC, ES     |                    |         |          |
| 2,600.0               | 2,600.0               | 2,589.0                                                                         | 2,589.0               | 4.5              | 4.5           | -90.53                | -3.0                                | -321.4       | 321.5                  | 314.6                   | 6.96                      | 46.177 SF         |                    |         |          |
| 2,700.0               | 2,700.0               | 2,678.8                                                                         | 2,678.7               | 4.6              | 4.5           | -90.53                | -3.0                                | -325.6       | 326.2                  | 319.2                   | 7.03                      | 46.393            |                    |         |          |
| 2,800.0               | 2,800.0               | 2,770.3                                                                         | 2,769.9               | 4.7              | 4.5           | -90.52                | -3.0                                | -332.7       | 333.9                  | 326.8                   | 7.10                      | 47.002            |                    |         |          |
| 2,900.0               | 2,900.0               | 2,869.9                                                                         | 2,869.1               | 4.8              | 4.5           | -90.50                | -3.0                                | -341.3       | 342.7                  | 335.5                   | 7.19                      | 47.664            |                    |         |          |
| 3,000.0               | 3,000.0               | 2,969.5                                                                         | 2,968.4               | 4.9              | 4.6           | -90.49                | -3.0                                | -350.0       | 351.4                  | 344.1                   | 7.28                      | 48.279            |                    |         |          |
| 3,100.0               | 3,100.0               | 3,069.1                                                                         | 3,067.6               | 5.0              | 4.6           | -90.48                | -3.0                                | -358.7       | 360.1                  | 352.7                   | 7.37                      | 48.847            |                    |         |          |
| 3,200.0               | 3,200.0               | 3,168.8                                                                         | 3,166.9               | 5.1              | 4.7           | -90.47                | -3.0                                | -367.4       | 368.8                  | 361.3                   | 7.47                      | 49.371            |                    |         |          |
| 3,300.0               | 3,300.0               | 3,268.4                                                                         | 3,266.1               | 5.2              | 4.7           | -90.46                | -3.0                                | -376.1       | 377.5                  | 369.9                   | 7.57                      | 49.853            |                    |         |          |
| 3,400.0               | 3,400.0               | 3,368.0                                                                         | 3,365.3               | 5.3              | 4.8           | -90.45                | -3.0                                | -384.8       | 386.2                  | 378.6                   | 7.68                      | 50.295            |                    |         |          |
| 3,500.0               | 3,500.0               | 3,467.6                                                                         | 3,464.6               | 5.4              | 4.8           | -90.44                | -3.0                                | -393.4       | 395.0                  | 387.2                   | 7.79                      | 50.698            |                    |         |          |
| 3,600.0               | 3,600.0               | 3,567.2                                                                         | 3,563.8               | 5.5              | 4.9           | -90.43                | -3.0                                | -402.1       | 403.7                  | 395.8                   | 7.90                      | 51.066            |                    |         |          |
| 3,700.0               | 3,700.0               | 3,666.9                                                                         | 3,663.1               | 5.7              | 5.0           | -90.42                | -3.0                                | -410.8       | 412.4                  | 404.4                   | 8.02                      | 51.400            |                    |         |          |
| 3,800.0               | 3,800.0               | 3,766.5                                                                         | 3,762.3               | 5.8              | 5.0           | -90.41                | -3.0                                | -419.5       | 421.1                  | 413.0                   | 8.14                      | 51.702            |                    |         |          |
| 3,900.0               | 3,900.0               | 3,866.1                                                                         | 3,861.5               | 5.9              | 5.1           | -90.40                | -3.0                                | -428.2       | 429.8                  | 421.5                   | 8.27                      | 51.975            |                    |         |          |
| 4,000.0               | 4,000.0               | 3,965.7                                                                         | 3,960.8               | 6.0              | 5.2           | -90.39                | -3.0                                | -436.8       | 438.5                  | 430.1                   | 8.40                      | 52.220            |                    |         |          |
| 4,100.0               | 4,100.0               | 4,065.3                                                                         | 4,060.0               | 6.1              | 5.2           | -90.39                | -3.0                                | -445.5       | 447.2                  | 438.7                   | 8.53                      | 52.440            |                    |         |          |
| 4,200.0               | 4,200.0               | 4,165.0                                                                         | 4,159.3               | 6.2              | 5.3           | -90.38                | -3.0                                | -454.2       | 456.0                  | 447.3                   | 8.66                      | 52.636            |                    |         |          |
| 4,300.0               | 4,300.0               | 4,264.6                                                                         | 4,258.5               | 6.3              | 5.4           | -90.37                | -3.0                                | -462.9       | 464.7                  | 455.9                   | 8.80                      | 52.810            |                    |         |          |
| 4,400.0               | 4,400.0               | 4,364.2                                                                         | 4,357.7               | 6.5              | 5.5           | -90.36                | -3.0                                | -471.6       | 473.4                  | 464.5                   | 8.94                      | 52.964            |                    |         |          |
| 4,500.0               | 4,500.0               | 4,463.8                                                                         | 4,457.0               | 6.6              | 5.6           | -90.36                | -3.0                                | -480.3       | 482.1                  | 473.0                   | 9.08                      | 53.099            |                    |         |          |
| 4,600.0               | 4,600.0               | 4,563.4                                                                         | 4,556.2               | 6.7              | 5.6           | -90.35                | -3.0                                | -488.9       | 490.8                  | 481.6                   | 9.22                      | 53.217            |                    |         |          |
| 4,700.0               | 4,700.0               | 4,663.1                                                                         | 4,655.5               | 6.8              | 5.7           | -90.35                | -3.0                                | -497.6       | 499.5                  | 490.2                   | 9.37                      | 53.318            |                    |         |          |
| 4,800.0               | 4,800.0               | 4,762.7                                                                         | 4,754.7               | 6.9              | 5.8           | -90.34                | -3.0                                | -506.3       | 508.3                  | 498.7                   | 9.52                      | 53.405            |                    |         |          |
| 4,900.0               | 4,900.0               | 4,862.3                                                                         | 4,853.9               | 7.0              | 5.9           | -90.33                | -3.0                                | -515.0       | 517.0                  | 507.3                   | 9.67                      | 53.479            |                    |         |          |
| 5,000.0               | 5,000.0               | 4,961.9                                                                         | 4,953.2               | 7.2              | 6.0           | -90.33                | -3.0                                | -523.7       | 525.7                  | 515.9                   | 9.82                      | 53.540            |                    |         |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Concho Resources LLC

## Anticollision Report

|                           |                                           |                                     |                               |
|---------------------------|-------------------------------------------|-------------------------------------|-------------------------------|
| <b>Company:</b>           | DELAWARE BASIN EAST                       | <b>Local Co-ordinate Reference:</b> | Well BEDLINGTON FED COM 703H  |
| <b>Project:</b>           | BULLDOG PROSPECT (NM-E)                   | <b>TVD Reference:</b>               | KB=26' @ 3649.0usft (McVay 8) |
| <b>Reference Site:</b>    | BEDLINGTON FEDERAL PROJECT (BULLDOG 2332) | <b>MD Reference:</b>                | KB=26' @ 3649.0usft (McVay 8) |
| <b>Site Error:</b>        | 3.0 usft                                  | <b>North Reference:</b>             | Grid                          |
| <b>Reference Well:</b>    | BEDLINGTON FED COM 703H                   | <b>Survey Calculation Method:</b>   | Minimum Curvature             |
| <b>Well Error:</b>        | 3.0 usft                                  | <b>Output errors are at</b>         | 2.00 sigma                    |
| <b>Reference Wellbore</b> | OWB                                       | <b>Database:</b>                    | edm                           |
| <b>Reference Design:</b>  | PWP2                                      | <b>Offset TVD Reference:</b>        | Offset Datum                  |

| Offset Design                                                                   |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           | Offset Site Error: | 3.0 usft |
|---------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|--------------------|----------|
| BEDLINGTON FEDERAL PROJECT (BULLDOG 2332) - BEDLINGTON FED COM 501H - OWB - PWP |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           | Offset Well Error: | 3.0 usft |
| Survey Program: 0-Standard Keeper 104, 10117-MWD+IFR1+FDIR                      |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                    |          |
| Reference                                                                       |                       | Offset                |                       | Semi Major Axis  |               |                       | Distance                            |              |                        |                         |                           |                    |          |
| Measured Depth (usft)                                                           | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor  | Warning  |
| 5,100.0                                                                         | 5,100.0               | 5,061.5               | 5,052.4               | 7.3              | 6.1           | -90.32                | -3.0                                | -532.4       | 534.4                  | 524.4                   | 9.97                      | 53.589             |          |
| 5,200.0                                                                         | 5,200.0               | 5,161.2               | 5,151.7               | 7.4              | 6.2           | -90.32                | -3.0                                | -541.0       | 543.1                  | 533.0                   | 10.13                     | 53.628             |          |
| 5,300.0                                                                         | 5,300.0               | 5,260.8               | 5,250.9               | 7.5              | 6.3           | -90.31                | -3.0                                | -549.7       | 551.8                  | 541.5                   | 10.28                     | 53.658             |          |
| 5,400.0                                                                         | 5,400.0               | 5,360.4               | 5,350.1               | 7.6              | 6.4           | -90.31                | -3.0                                | -558.4       | 560.5                  | 550.1                   | 10.44                     | 53.678             |          |
| 5,500.0                                                                         | 5,500.0               | 5,460.0               | 5,449.4               | 7.8              | 6.5           | -90.30                | -3.0                                | -567.1       | 569.3                  | 558.7                   | 10.60                     | 53.691             |          |
| 5,600.0                                                                         | 5,600.0               | 5,559.5               | 5,548.5               | 7.8              | 6.6           | 160.52                | -3.0                                | -575.8       | 579.6                  | 568.8                   | 10.77                     | 53.838             |          |
| 5,700.0                                                                         | 5,699.8               | 5,658.5               | 5,647.1               | 7.8              | 6.7           | 160.61                | -3.0                                | -584.4       | 593.2                  | 582.3                   | 10.94                     | 54.249             |          |
| 5,740.7                                                                         | 5,740.4               | 5,698.7               | 5,687.1               | 7.8              | 6.7           | 160.66                | -3.0                                | -587.9       | 599.7                  | 588.7                   | 11.01                     | 54.491             |          |
| 5,800.0                                                                         | 5,799.5               | 5,757.1               | 5,745.4               | 7.9              | 6.7           | 160.82                | -3.0                                | -593.0       | 609.5                  | 598.4                   | 11.11                     | 54.868             |          |
| 5,900.0                                                                         | 5,899.2               | 5,855.7               | 5,843.6               | 7.9              | 6.8           | 161.07                | -3.0                                | -601.6       | 626.1                  | 614.9                   | 11.29                     | 55.480             |          |
| 6,000.0                                                                         | 5,998.8               | 5,954.3               | 5,941.8               | 7.9              | 7.0           | 161.31                | -3.0                                | -610.2       | 642.8                  | 631.3                   | 11.46                     | 56.064             |          |
| 6,100.0                                                                         | 6,098.4               | 6,052.9               | 6,040.0               | 7.9              | 7.1           | 161.53                | -3.0                                | -618.8       | 659.4                  | 647.7                   | 11.65                     | 56.620             |          |
| 6,200.0                                                                         | 6,198.1               | 6,151.5               | 6,138.2               | 7.9              | 7.2           | 161.75                | -3.0                                | -627.3       | 676.0                  | 664.2                   | 11.83                     | 57.149             |          |
| 6,300.0                                                                         | 6,297.7               | 6,250.0               | 6,236.4               | 7.9              | 7.3           | 161.95                | -3.0                                | -635.9       | 692.6                  | 680.6                   | 12.01                     | 57.653             |          |
| 6,400.0                                                                         | 6,397.4               | 6,348.6               | 6,334.6               | 8.0              | 7.4           | 162.15                | -3.0                                | -644.5       | 709.3                  | 697.1                   | 12.20                     | 58.132             |          |
| 6,500.0                                                                         | 6,497.0               | 6,447.2               | 6,432.8               | 8.0              | 7.5           | 162.33                | -3.0                                | -653.1       | 725.9                  | 713.5                   | 12.39                     | 58.588             |          |
| 6,600.0                                                                         | 6,596.7               | 6,545.8               | 6,531.0               | 8.0              | 7.6           | 162.51                | -3.0                                | -661.7       | 742.6                  | 730.0                   | 12.58                     | 59.021             |          |
| 6,700.0                                                                         | 6,696.3               | 6,644.3               | 6,629.2               | 8.1              | 7.7           | 162.68                | -3.0                                | -670.3       | 759.2                  | 746.5                   | 12.77                     | 59.433             |          |
| 6,800.0                                                                         | 6,796.0               | 6,742.9               | 6,727.4               | 8.1              | 7.8           | 162.84                | -3.0                                | -678.9       | 775.9                  | 762.9                   | 12.97                     | 59.823             |          |
| 6,900.0                                                                         | 6,895.6               | 6,841.5               | 6,825.6               | 8.1              | 7.9           | 163.00                | -3.0                                | -687.5       | 792.6                  | 779.4                   | 13.17                     | 60.195             |          |
| 7,000.0                                                                         | 6,995.3               | 6,940.1               | 6,923.8               | 8.2              | 8.0           | 163.15                | -3.0                                | -696.1       | 809.3                  | 795.9                   | 13.37                     | 60.547             |          |
| 7,100.0                                                                         | 7,094.9               | 7,038.6               | 7,022.0               | 8.2              | 8.1           | 163.29                | -3.0                                | -704.7       | 826.0                  | 812.4                   | 13.57                     | 60.881             |          |
| 7,200.0                                                                         | 7,194.6               | 7,137.2               | 7,120.2               | 8.2              | 8.2           | 163.43                | -3.0                                | -713.3       | 842.7                  | 828.9                   | 13.77                     | 61.198             |          |
| 7,300.0                                                                         | 7,294.2               | 7,235.8               | 7,218.4               | 8.3              | 8.3           | 163.56                | -3.0                                | -721.9       | 859.3                  | 845.4                   | 13.97                     | 61.499             |          |
| 7,400.0                                                                         | 7,393.9               | 7,334.4               | 7,316.6               | 8.3              | 8.4           | 163.69                | -3.0                                | -730.4       | 876.0                  | 861.9                   | 14.18                     | 61.784             |          |
| 7,500.0                                                                         | 7,493.5               | 7,433.0               | 7,414.8               | 8.4              | 8.6           | 163.81                | -3.0                                | -739.0       | 892.8                  | 878.4                   | 14.39                     | 62.055             |          |
| 7,600.0                                                                         | 7,593.2               | 7,531.5               | 7,513.0               | 8.4              | 8.7           | 163.93                | -3.0                                | -747.6       | 909.5                  | 894.9                   | 14.60                     | 62.311             |          |
| 7,700.0                                                                         | 7,692.8               | 7,630.1               | 7,611.2               | 8.5              | 8.8           | 164.04                | -3.0                                | -756.2       | 926.2                  | 911.4                   | 14.81                     | 62.554             |          |
| 7,800.0                                                                         | 7,792.5               | 7,728.7               | 7,709.4               | 8.5              | 8.9           | 164.15                | -3.0                                | -764.8       | 942.9                  | 927.9                   | 15.02                     | 62.784             |          |
| 7,900.0                                                                         | 7,892.1               | 7,827.3               | 7,807.6               | 8.6              | 9.0           | 164.25                | -3.0                                | -773.4       | 959.6                  | 944.4                   | 15.23                     | 63.002             |          |
| 8,000.0                                                                         | 7,991.7               | 7,925.8               | 7,905.8               | 8.7              | 9.1           | 164.36                | -3.0                                | -782.0       | 976.3                  | 960.9                   | 15.45                     | 63.208             |          |
| 8,100.0                                                                         | 8,091.4               | 8,024.4               | 8,004.0               | 8.7              | 9.2           | 164.46                | -3.0                                | -790.6       | 993.1                  | 977.4                   | 15.66                     | 63.404             |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Concho Resources LLC

## Anticollision Report

|                           |                                           |                                     |                               |
|---------------------------|-------------------------------------------|-------------------------------------|-------------------------------|
| <b>Company:</b>           | DELAWARE BASIN EAST                       | <b>Local Co-ordinate Reference:</b> | Well BEDLINGTON FED COM 703H  |
| <b>Project:</b>           | BULLDOG PROSPECT (NM-E)                   | <b>TVD Reference:</b>               | KB=26' @ 3649.0usft (McVay 8) |
| <b>Reference Site:</b>    | BEDLINGTON FEDERAL PROJECT (BULLDOG 2332) | <b>MD Reference:</b>                | KB=26' @ 3649.0usft (McVay 8) |
| <b>Site Error:</b>        | 3.0 usft                                  | <b>North Reference:</b>             | Grid                          |
| <b>Reference Well:</b>    | BEDLINGTON FED COM 703H                   | <b>Survey Calculation Method:</b>   | Minimum Curvature             |
| <b>Well Error:</b>        | 3.0 usft                                  | <b>Output errors are at</b>         | 2.00 sigma                    |
| <b>Reference Wellbore</b> | OWB                                       | <b>Database:</b>                    | edm                           |
| <b>Reference Design:</b>  | PWP2                                      | <b>Offset TVD Reference:</b>        | Offset Datum                  |

| Offset Design BEDLINGTON FEDERAL PROJECT (BULLDOG 2332) - BEDLINGTON FED COM 502H - OWB - PWP |                       |                       |                       |                  |               |                                       |                                     |              |                        |                         |                           | Offset Site Error: | 3.0 usft |
|-----------------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|---------------------------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|--------------------|----------|
| Survey Program: 0-MWD+IFR1+FDIR                                                               |                       |                       |                       |                  |               |                                       |                                     |              |                        |                         |                           | Offset Well Error: | 3.0 usft |
| Measured Depth (usft)                                                                         | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Semi Major Axis Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor  | Warning  |
| 0.0                                                                                           | 0.0                   | 0.0                   | 0.0                   | 3.0              | 3.0           | -90.54                                | -2.7                                | -290.0       | 290.0                  |                         |                           |                    |          |
| 100.0                                                                                         | 100.0                 | 99.0                  | 99.0                  | 3.0              | 3.0           | -90.54                                | -2.7                                | -290.0       | 290.0                  | 284.0                   | 6.00                      | 48.308             |          |
| 200.0                                                                                         | 200.0                 | 199.0                 | 199.0                 | 3.0              | 3.0           | -90.54                                | -2.7                                | -290.0       | 290.0                  | 284.0                   | 6.04                      | 48.005             |          |
| 300.0                                                                                         | 300.0                 | 299.0                 | 299.0                 | 3.0              | 3.1           | -90.54                                | -2.7                                | -290.0       | 290.0                  | 283.9                   | 6.12                      | 47.372             |          |
| 400.0                                                                                         | 400.0                 | 399.0                 | 399.0                 | 3.0              | 3.2           | -90.54                                | -2.7                                | -290.0       | 290.0                  | 283.8                   | 6.24                      | 46.459             |          |
| 500.0                                                                                         | 500.0                 | 499.0                 | 499.0                 | 3.1              | 3.4           | -90.54                                | -2.7                                | -290.0       | 290.0                  | 283.6                   | 6.40                      | 45.324             |          |
| 600.0                                                                                         | 600.0                 | 599.0                 | 599.0                 | 3.1              | 3.6           | -90.54                                | -2.7                                | -290.0       | 290.0                  | 283.4                   | 6.59                      | 44.032             |          |
| 700.0                                                                                         | 700.0                 | 699.0                 | 699.0                 | 3.1              | 3.8           | -90.54                                | -2.7                                | -290.0       | 290.0                  | 283.2                   | 6.80                      | 42.641             |          |
| 800.0                                                                                         | 800.0                 | 799.0                 | 799.0                 | 3.2              | 4.0           | -90.54                                | -2.7                                | -290.0       | 290.0                  | 283.0                   | 7.04                      | 41.198             |          |
| 900.0                                                                                         | 900.0                 | 899.0                 | 899.0                 | 3.2              | 4.2           | -90.54                                | -2.7                                | -290.0       | 290.0                  | 282.7                   | 7.30                      | 39.743             |          |
| 1,000.0                                                                                       | 1,000.0               | 999.0                 | 999.0                 | 3.2              | 4.5           | -90.54                                | -2.7                                | -290.0       | 290.0                  | 282.4                   | 7.57                      | 38.301             |          |
| 1,100.0                                                                                       | 1,100.0               | 1,099.0               | 1,099.0               | 3.3              | 4.8           | -90.54                                | -2.7                                | -290.0       | 290.0                  | 282.1                   | 7.86                      | 36.894             |          |
| 1,200.0                                                                                       | 1,200.0               | 1,199.0               | 1,199.0               | 3.4              | 5.1           | -90.54                                | -2.7                                | -290.0       | 290.0                  | 281.8                   | 8.16                      | 35.533             |          |
| 1,300.0                                                                                       | 1,300.0               | 1,299.0               | 1,299.0               | 3.4              | 5.4           | -90.54                                | -2.7                                | -290.0       | 290.0                  | 281.5                   | 8.47                      | 34.227             |          |
| 1,400.0                                                                                       | 1,400.0               | 1,399.0               | 1,399.0               | 3.5              | 5.7           | -90.54                                | -2.7                                | -290.0       | 290.0                  | 281.2                   | 8.79                      | 32.980             |          |
| 1,500.0                                                                                       | 1,500.0               | 1,499.0               | 1,499.0               | 3.5              | 6.0           | -90.54                                | -2.7                                | -290.0       | 290.0                  | 280.9                   | 9.12                      | 31.793             |          |
| 1,600.0                                                                                       | 1,600.0               | 1,599.0               | 1,599.0               | 3.6              | 6.3           | -90.54                                | -2.7                                | -290.0       | 290.0                  | 280.5                   | 9.46                      | 30.666             |          |
| 1,700.0                                                                                       | 1,700.0               | 1,699.0               | 1,699.0               | 3.7              | 6.6           | -90.54                                | -2.7                                | -290.0       | 290.0                  | 280.2                   | 9.80                      | 29.598             |          |
| 1,800.0                                                                                       | 1,800.0               | 1,799.0               | 1,799.0               | 3.8              | 6.9           | -90.54                                | -2.7                                | -290.0       | 290.0                  | 279.8                   | 10.14                     | 28.587             |          |
| 1,900.0                                                                                       | 1,900.0               | 1,899.0               | 1,899.0               | 3.9              | 7.2           | -90.54                                | -2.7                                | -290.0       | 290.0                  | 279.5                   | 10.50                     | 27.630             |          |
| 2,000.0                                                                                       | 2,000.0               | 1,999.0               | 1,999.0               | 3.9              | 7.6           | -90.54                                | -2.7                                | -290.0       | 290.0                  | 279.1                   | 10.85                     | 26.724             |          |
| 2,100.0                                                                                       | 2,100.0               | 2,099.0               | 2,099.0               | 4.0              | 7.9           | -90.54                                | -2.7                                | -290.0       | 290.0                  | 278.8                   | 11.21                     | 25.867             |          |
| 2,200.0                                                                                       | 2,200.0               | 2,199.0               | 2,199.0               | 4.1              | 8.2           | -90.54                                | -2.7                                | -290.0       | 290.0                  | 278.4                   | 11.57                     | 25.055             |          |
| 2,300.0                                                                                       | 2,300.0               | 2,299.0               | 2,299.0               | 4.2              | 8.6           | -90.54                                | -2.7                                | -290.0       | 290.0                  | 278.1                   | 11.94                     | 24.286             |          |
| 2,400.0                                                                                       | 2,400.0               | 2,399.0               | 2,399.0               | 4.3              | 8.9           | -90.54                                | -2.7                                | -290.0       | 290.0                  | 277.7                   | 12.31                     | 23.557             |          |
| 2,500.0                                                                                       | 2,500.0               | 2,499.0               | 2,499.0               | 4.4              | 9.2           | -90.54                                | -2.7                                | -290.0       | 290.0                  | 277.3                   | 12.68                     | 22.866 CC, ES      |          |
| 2,600.0                                                                                       | 2,600.0               | 2,599.0               | 2,599.0               | 4.5              | 9.5           | -90.63                                | -3.2                                | -291.3       | 291.5                  | 278.5                   | 13.01                     | 22.398             |          |
| 2,700.0                                                                                       | 2,700.0               | 2,681.4               | 2,681.3               | 4.6              | 9.8           | -90.91                                | -4.7                                | -295.4       | 295.9                  | 282.6                   | 13.33                     | 22.204             |          |
| 2,800.0                                                                                       | 2,800.0               | 2,779.4               | 2,779.0               | 4.7              | 10.1          | -91.33                                | -7.0                                | -301.7       | 302.5                  | 288.8                   | 13.68                     | 22.117             |          |
| 2,900.0                                                                                       | 2,900.0               | 2,879.1               | 2,878.5               | 4.8              | 10.5          | -91.75                                | -9.4                                | -308.3       | 309.1                  | 295.1                   | 14.04                     | 22.019             |          |
| 3,000.0                                                                                       | 3,000.0               | 2,978.9               | 2,978.0               | 4.9              | 10.8          | -92.14                                | -11.8                               | -314.8       | 315.7                  | 301.3                   | 14.40                     | 21.921             |          |
| 3,100.0                                                                                       | 3,100.0               | 3,078.6               | 3,077.6               | 5.0              | 11.1          | -92.53                                | -14.2                               | -321.3       | 322.4                  | 307.6                   | 14.77                     | 21.825             |          |
| 3,200.0                                                                                       | 3,200.0               | 3,178.4               | 3,177.1               | 5.1              | 11.5          | -92.89                                | -16.6                               | -327.9       | 329.0                  | 313.9                   | 15.14                     | 21.729             |          |
| 3,300.0                                                                                       | 3,300.0               | 3,278.1               | 3,276.6               | 5.2              | 11.8          | -93.24                                | -18.9                               | -334.4       | 335.7                  | 320.2                   | 15.52                     | 21.635             |          |
| 3,400.0                                                                                       | 3,400.0               | 3,377.9               | 3,376.1               | 5.3              | 12.1          | -93.58                                | -21.3                               | -341.0       | 342.4                  | 326.5                   | 15.89                     | 21.542             |          |
| 3,500.0                                                                                       | 3,500.0               | 3,477.7               | 3,475.6               | 5.4              | 12.5          | -93.90                                | -23.7                               | -347.5       | 349.1                  | 332.8                   | 16.27                     | 21.450             |          |
| 3,600.0                                                                                       | 3,600.0               | 3,577.4               | 3,575.1               | 5.5              | 12.8          | -94.22                                | -26.1                               | -354.0       | 355.8                  | 339.1                   | 16.66                     | 21.360             |          |
| 3,700.0                                                                                       | 3,700.0               | 3,677.2               | 3,674.6               | 5.7              | 13.1          | -94.52                                | -28.5                               | -360.6       | 362.5                  | 345.5                   | 17.04                     | 21.272             |          |
| 3,800.0                                                                                       | 3,800.0               | 3,776.9               | 3,774.1               | 5.8              | 13.5          | -94.81                                | -30.9                               | -367.1       | 369.2                  | 351.8                   | 17.43                     | 21.186             |          |
| 3,900.0                                                                                       | 3,900.0               | 3,876.7               | 3,873.7               | 5.9              | 13.8          | -95.09                                | -33.3                               | -373.6       | 376.0                  | 358.2                   | 17.82                     | 21.102             |          |
| 4,000.0                                                                                       | 4,000.0               | 3,976.4               | 3,973.2               | 6.0              | 14.2          | -95.36                                | -35.7                               | -380.2       | 382.7                  | 364.5                   | 18.21                     | 21.019             |          |
| 4,100.0                                                                                       | 4,100.0               | 4,076.2               | 4,072.7               | 6.1              | 14.5          | -95.62                                | -38.0                               | -386.7       | 389.5                  | 370.9                   | 18.60                     | 20.938             |          |
| 4,200.0                                                                                       | 4,200.0               | 4,176.0               | 4,172.2               | 6.2              | 14.8          | -95.87                                | -40.4                               | -393.2       | 396.2                  | 377.2                   | 19.00                     | 20.859             |          |
| 4,300.0                                                                                       | 4,300.0               | 4,275.7               | 4,271.7               | 6.3              | 15.2          | -96.11                                | -42.8                               | -399.8       | 403.0                  | 383.6                   | 19.39                     | 20.782             |          |
| 4,400.0                                                                                       | 4,400.0               | 4,375.5               | 4,371.2               | 6.5              | 15.5          | -96.35                                | -45.2                               | -406.3       | 409.8                  | 390.0                   | 19.79                     | 20.706             |          |
| 4,500.0                                                                                       | 4,500.0               | 4,475.2               | 4,470.7               | 6.6              | 15.9          | -96.57                                | -47.6                               | -412.9       | 416.6                  | 396.4                   | 20.19                     | 20.633             |          |
| 4,600.0                                                                                       | 4,600.0               | 4,575.0               | 4,570.3               | 6.7              | 16.2          | -96.79                                | -50.0                               | -419.4       | 423.3                  | 402.7                   | 20.59                     | 20.561             |          |
| 4,700.0                                                                                       | 4,700.0               | 4,674.7               | 4,669.8               | 6.8              | 16.6          | -97.01                                | -52.4                               | -425.9       | 430.1                  | 409.1                   | 20.99                     | 20.490             |          |
| 4,800.0                                                                                       | 4,800.0               | 4,774.5               | 4,769.3               | 6.9              | 16.9          | -97.21                                | -54.7                               | -432.5       | 436.9                  | 415.5                   | 21.40                     | 20.422             |          |
| 4,900.0                                                                                       | 4,900.0               | 4,874.3               | 4,868.8               | 7.0              | 17.3          | -97.41                                | -57.1                               | -439.0       | 443.7                  | 421.9                   | 21.80                     | 20.355             |          |
| 5,000.0                                                                                       | 5,000.0               | 4,974.0               | 4,968.3               | 7.2              | 17.6          | -97.61                                | -59.5                               | -445.5       | 450.5                  | 428.3                   | 22.21                     | 20.289             |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Concho Resources LLC

## Anticollision Report

|                           |                                           |                                     |                               |
|---------------------------|-------------------------------------------|-------------------------------------|-------------------------------|
| <b>Company:</b>           | DELAWARE BASIN EAST                       | <b>Local Co-ordinate Reference:</b> | Well BEDLINGTON FED COM 703H  |
| <b>Project:</b>           | BULLDOG PROSPECT (NM-E)                   | <b>TVD Reference:</b>               | KB=26' @ 3649.0usft (McVay 8) |
| <b>Reference Site:</b>    | BEDLINGTON FEDERAL PROJECT (BULLDOG 2332) | <b>MD Reference:</b>                | KB=26' @ 3649.0usft (McVay 8) |
| <b>Site Error:</b>        | 3.0 usft                                  | <b>North Reference:</b>             | Grid                          |
| <b>Reference Well:</b>    | BEDLINGTON FED COM 703H                   | <b>Survey Calculation Method:</b>   | Minimum Curvature             |
| <b>Well Error:</b>        | 3.0 usft                                  | <b>Output errors are at</b>         | 2.00 sigma                    |
| <b>Reference Wellbore</b> | OWB                                       | <b>Database:</b>                    | edm                           |
| <b>Reference Design:</b>  | PWP2                                      | <b>Offset TVD Reference:</b>        | Offset Datum                  |

| Offset Design BEDLINGTON FEDERAL PROJECT (BULLDOG 2332) - BEDLINGTON FED COM 502H - OWB - PWP |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Site Error: | 3.0 usft |
|-----------------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|----------|
| Survey Program: 0-MWD+IFR1+FDIR                                                               |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Well Error: | 3.0 usft |
| Reference                                                                                     |                       | Offset                |                       | Semi Major Axis  |               |                       | Distance                            |              |                        |                         |                           |                   | Warning            |          |
| Measured Depth (usft)                                                                         | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor |                    |          |
| 5,100.0                                                                                       | 5,100.0               | 5,073.8               | 5,067.8               | 7.3              | 18.0          | -97.80                | -61.9                               | -452.1       | 457.4                  | 434.7                   | 22.61                     | 20.225            |                    |          |
| 5,200.0                                                                                       | 5,200.0               | 5,173.5               | 5,167.3               | 7.4              | 18.3          | -97.98                | -64.3                               | -458.6       | 464.2                  | 441.2                   | 23.02                     | 20.163            |                    |          |
| 5,300.0                                                                                       | 5,300.0               | 5,273.3               | 5,266.8               | 7.5              | 18.7          | -98.16                | -66.7                               | -465.2       | 471.0                  | 447.6                   | 23.43                     | 20.102            |                    |          |
| 5,400.0                                                                                       | 5,400.0               | 5,373.0               | 5,366.4               | 7.6              | 19.0          | -98.33                | -69.1                               | -471.7       | 477.8                  | 454.0                   | 23.84                     | 20.043            |                    |          |
| 5,500.0                                                                                       | 5,500.0               | 5,472.8               | 5,465.9               | 7.8              | 19.4          | -98.50                | -71.5                               | -478.2       | 484.7                  | 460.4                   | 24.25                     | 19.984 SF         |                    |          |
| 5,600.0                                                                                       | 5,600.0               | 5,572.4               | 5,565.3               | 7.8              | 19.7          | 152.19                | -73.8                               | -484.8       | 493.0                  | 468.4                   | 24.67                     | 19.986            |                    |          |
| 5,700.0                                                                                       | 5,699.8               | 5,671.8               | 5,664.4               | 7.8              | 20.1          | 152.20                | -76.2                               | -491.3       | 504.5                  | 479.4                   | 25.09                     | 20.106            |                    |          |
| 5,740.7                                                                                       | 5,740.4               | 5,712.0               | 5,704.5               | 7.8              | 20.2          | 152.25                | -77.2                               | -493.9       | 510.0                  | 484.8                   | 25.26                     | 20.189            |                    |          |
| 5,800.0                                                                                       | 5,799.5               | 5,770.8               | 5,763.1               | 7.9              | 20.4          | 152.42                | -78.6                               | -497.7       | 518.5                  | 493.0                   | 25.51                     | 20.323            |                    |          |
| 5,900.0                                                                                       | 5,899.2               | 5,869.7               | 5,861.8               | 7.9              | 20.8          | 152.68                | -80.9                               | -504.2       | 532.7                  | 506.8                   | 25.93                     | 20.542            |                    |          |
| 6,000.0                                                                                       | 5,998.8               | 5,968.7               | 5,960.5               | 7.9              | 21.1          | 152.93                | -83.3                               | -510.7       | 547.0                  | 520.6                   | 26.36                     | 20.753            |                    |          |
| 6,100.0                                                                                       | 6,098.4               | 6,067.6               | 6,059.2               | 7.9              | 21.5          | 153.17                | -85.7                               | -517.2       | 561.2                  | 534.5                   | 26.78                     | 20.957            |                    |          |
| 6,200.0                                                                                       | 6,198.1               | 6,166.6               | 6,158.0               | 7.9              | 21.8          | 153.40                | -88.1                               | -523.7       | 575.5                  | 548.3                   | 27.21                     | 21.153            |                    |          |
| 6,300.0                                                                                       | 6,297.7               | 6,265.5               | 6,256.7               | 7.9              | 22.2          | 153.61                | -90.4                               | -530.2       | 589.8                  | 562.2                   | 27.63                     | 21.342            |                    |          |
| 6,400.0                                                                                       | 6,397.4               | 6,364.5               | 6,355.4               | 8.0              | 22.5          | 153.82                | -92.8                               | -536.7       | 604.1                  | 576.0                   | 28.06                     | 21.525            |                    |          |
| 6,500.0                                                                                       | 6,497.0               | 6,463.4               | 6,454.1               | 8.0              | 22.9          | 154.01                | -95.2                               | -543.1       | 618.4                  | 589.9                   | 28.50                     | 21.700            |                    |          |
| 6,600.0                                                                                       | 6,596.7               | 6,562.4               | 6,552.8               | 8.0              | 23.2          | 154.20                | -97.5                               | -549.6       | 632.7                  | 603.8                   | 28.93                     | 21.870            |                    |          |
| 6,700.0                                                                                       | 6,696.3               | 6,661.3               | 6,651.5               | 8.1              | 23.6          | 154.38                | -99.9                               | -556.1       | 647.0                  | 617.6                   | 29.36                     | 22.033            |                    |          |
| 6,800.0                                                                                       | 6,796.0               | 6,760.3               | 6,750.2               | 8.1              | 23.9          | 154.55                | -102.3                              | -562.6       | 661.3                  | 631.5                   | 29.80                     | 22.191            |                    |          |
| 6,900.0                                                                                       | 6,895.6               | 6,859.2               | 6,848.9               | 8.1              | 24.3          | 154.71                | -104.6                              | -569.1       | 675.6                  | 645.4                   | 30.24                     | 22.344            |                    |          |
| 7,000.0                                                                                       | 6,995.3               | 6,958.2               | 6,947.6               | 8.2              | 24.6          | 154.87                | -107.0                              | -575.6       | 690.0                  | 659.3                   | 30.68                     | 22.491            |                    |          |
| 7,100.0                                                                                       | 7,094.9               | 7,057.1               | 7,046.3               | 8.2              | 25.0          | 155.02                | -109.4                              | -582.0       | 704.3                  | 673.2                   | 31.12                     | 22.633            |                    |          |
| 7,200.0                                                                                       | 7,194.6               | 7,156.1               | 7,145.1               | 8.2              | 25.3          | 155.16                | -111.7                              | -588.5       | 718.6                  | 687.1                   | 31.56                     | 22.770            |                    |          |
| 7,300.0                                                                                       | 7,294.2               | 7,255.0               | 7,243.8               | 8.3              | 25.7          | 155.30                | -114.1                              | -595.0       | 733.0                  | 701.0                   | 32.00                     | 22.903            |                    |          |
| 7,400.0                                                                                       | 7,393.9               | 7,354.0               | 7,342.5               | 8.3              | 26.1          | 155.43                | -116.5                              | -601.5       | 747.3                  | 714.9                   | 32.45                     | 23.031            |                    |          |
| 7,500.0                                                                                       | 7,493.5               | 7,452.9               | 7,441.2               | 8.4              | 26.4          | 155.56                | -118.8                              | -608.0       | 761.7                  | 728.8                   | 32.89                     | 23.155            |                    |          |
| 7,600.0                                                                                       | 7,593.2               | 7,551.9               | 7,539.9               | 8.4              | 26.8          | 155.69                | -121.2                              | -614.5       | 776.0                  | 742.7                   | 33.34                     | 23.275            |                    |          |
| 7,700.0                                                                                       | 7,692.8               | 7,650.8               | 7,638.6               | 8.5              | 27.1          | 155.81                | -123.6                              | -620.9       | 790.4                  | 756.6                   | 33.79                     | 23.391            |                    |          |
| 7,800.0                                                                                       | 7,792.5               | 7,749.8               | 7,737.3               | 8.5              | 27.5          | 155.92                | -125.9                              | -627.4       | 804.7                  | 770.5                   | 34.24                     | 23.503            |                    |          |
| 7,900.0                                                                                       | 7,892.1               | 7,855.6               | 7,842.9               | 8.6              | 27.8          | 156.04                | -128.4                              | -634.2       | 818.9                  | 784.2                   | 34.70                     | 23.597            |                    |          |
| 8,000.0                                                                                       | 7,991.7               | 7,970.8               | 7,958.0               | 8.7              | 28.3          | 156.21                | -130.4                              | -639.7       | 831.5                  | 796.3                   | 35.18                     | 23.632            |                    |          |
| 8,100.0                                                                                       | 8,091.4               | 8,086.5               | 8,073.6               | 8.7              | 28.7          | 156.41                | -131.6                              | -643.0       | 842.1                  | 806.5                   | 35.66                     | 23.614            |                    |          |
| 8,200.0                                                                                       | 8,191.0               | 8,202.6               | 8,189.6               | 8.8              | 29.1          | 156.65                | -132.0                              | -644.2       | 850.8                  | 814.7                   | 36.13                     | 23.550            |                    |          |
| 8,300.0                                                                                       | 8,290.7               | 8,302.6               | 8,289.7               | 8.8              | 29.4          | 156.87                | -132.0                              | -644.2       | 858.6                  | 822.0                   | 36.56                     | 23.481            |                    |          |
| 8,400.0                                                                                       | 8,390.3               | 8,402.3               | 8,389.3               | 8.9              | 29.8          | 157.09                | -132.0                              | -644.2       | 866.3                  | 829.3                   | 37.00                     | 23.414            |                    |          |
| 8,500.0                                                                                       | 8,490.0               | 8,501.9               | 8,489.0               | 9.0              | 30.1          | 157.31                | -132.0                              | -644.2       | 874.0                  | 836.6                   | 37.44                     | 23.348            |                    |          |
| 8,600.0                                                                                       | 8,589.6               | 8,601.6               | 8,588.6               | 9.0              | 30.4          | 157.52                | -132.0                              | -644.2       | 881.8                  | 843.9                   | 37.87                     | 23.283            |                    |          |
| 8,700.0                                                                                       | 8,689.3               | 8,701.2               | 8,688.3               | 9.1              | 30.8          | 157.72                | -132.0                              | -644.2       | 889.5                  | 851.2                   | 38.31                     | 23.219            |                    |          |
| 8,800.0                                                                                       | 8,788.9               | 8,800.9               | 8,787.9               | 9.2              | 31.1          | 157.92                | -132.0                              | -644.2       | 897.3                  | 858.6                   | 38.75                     | 23.156            |                    |          |
| 8,900.0                                                                                       | 8,888.6               | 8,900.5               | 8,887.6               | 9.3              | 31.5          | 158.12                | -132.0                              | -644.2       | 905.1                  | 865.9                   | 39.19                     | 23.094            |                    |          |
| 9,000.0                                                                                       | 8,988.2               | 9,000.1               | 8,987.2               | 9.3              | 31.8          | 158.32                | -132.0                              | -644.2       | 912.9                  | 873.3                   | 39.63                     | 23.034            |                    |          |
| 9,100.0                                                                                       | 9,087.9               | 9,099.8               | 9,086.9               | 9.4              | 32.2          | 158.51                | -132.0                              | -644.2       | 920.7                  | 880.6                   | 40.08                     | 22.974            |                    |          |
| 9,200.0                                                                                       | 9,187.5               | 9,199.4               | 9,186.5               | 9.5              | 32.5          | 158.70                | -132.0                              | -644.2       | 928.5                  | 888.0                   | 40.52                     | 22.916            |                    |          |
| 9,300.0                                                                                       | 9,287.2               | 9,299.1               | 9,286.2               | 9.6              | 32.9          | 158.89                | -132.0                              | -644.2       | 936.3                  | 895.4                   | 40.96                     | 22.858            |                    |          |
| 9,400.0                                                                                       | 9,386.8               | 9,398.7               | 9,385.8               | 9.7              | 33.2          | 159.07                | -132.0                              | -644.2       | 944.2                  | 902.8                   | 41.41                     | 22.802            |                    |          |
| 9,500.0                                                                                       | 9,486.5               | 9,498.4               | 9,485.5               | 9.7              | 33.5          | 159.25                | -132.0                              | -644.2       | 952.0                  | 910.2                   | 41.85                     | 22.746            |                    |          |
| 9,600.0                                                                                       | 9,586.1               | 9,598.0               | 9,585.1               | 9.8              | 33.9          | 159.43                | -132.0                              | -644.2       | 959.9                  | 917.6                   | 42.30                     | 22.691            |                    |          |
| 9,700.0                                                                                       | 9,685.8               | 9,697.7               | 9,684.8               | 9.9              | 34.2          | 159.60                | -132.0                              | -644.2       | 967.7                  | 925.0                   | 42.75                     | 22.638            |                    |          |
| 9,800.0                                                                                       | 9,785.4               | 9,797.3               | 9,784.4               | 10.0             | 34.6          | 159.78                | -132.0                              | -644.2       | 975.6                  | 932.4                   | 43.20                     | 22.585            |                    |          |
| 9,900.0                                                                                       | 9,885.0               | 9,897.0               | 9,884.0               | 10.1             | 34.9          | 159.95                | -132.0                              | -644.2       | 983.5                  | 939.8                   | 43.65                     | 22.533            |                    |          |
| 10,000.0                                                                                      | 9,984.7               | 9,996.6               | 9,983.7               | 10.2             | 35.3          | 160.11                | -132.0                              | -644.2       | 991.4                  | 947.3                   | 44.10                     | 22.482            |                    |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## Concho Resources LLC

## Anticollision Report

|                           |                                           |                                     |                               |
|---------------------------|-------------------------------------------|-------------------------------------|-------------------------------|
| <b>Company:</b>           | DELAWARE BASIN EAST                       | <b>Local Co-ordinate Reference:</b> | Well BEDLINGTON FED COM 703H  |
| <b>Project:</b>           | BULLDOG PROSPECT (NM-E)                   | <b>TVD Reference:</b>               | KB=26' @ 3649.0usft (McVay 8) |
| <b>Reference Site:</b>    | BEDLINGTON FEDERAL PROJECT (BULLDOG 2332) | <b>MD Reference:</b>                | KB=26' @ 3649.0usft (McVay 8) |
| <b>Site Error:</b>        | 3.0 usft                                  | <b>North Reference:</b>             | Grid                          |
| <b>Reference Well:</b>    | BEDLINGTON FED COM 703H                   | <b>Survey Calculation Method:</b>   | Minimum Curvature             |
| <b>Well Error:</b>        | 3.0 usft                                  | <b>Output errors are at</b>         | 2.00 sigma                    |
| <b>Reference Wellbore</b> | OWB                                       | <b>Database:</b>                    | edm                           |
| <b>Reference Design:</b>  | PWP2                                      | <b>Offset TVD Reference:</b>        | Offset Datum                  |

|                                                                                                      |                              |                              |                              |                         |                      |                              |                                            |                     |                               |                                |                                  |                          |                           |          |
|------------------------------------------------------------------------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------|----------------------|------------------------------|--------------------------------------------|---------------------|-------------------------------|--------------------------------|----------------------------------|--------------------------|---------------------------|----------|
| <b>Offset Design</b> BEDLINGTON FEDERAL PROJECT (BULLDOG 2332) - BEDLINGTON FED COM 502H - OWB - PWP |                              |                              |                              |                         |                      |                              |                                            |                     |                               |                                |                                  |                          | <b>Offset Site Error:</b> | 3.0 usft |
| <b>Survey Program:</b> 0-MWD+IFR1+FDIR                                                               |                              |                              |                              |                         |                      |                              |                                            |                     |                               |                                |                                  |                          | <b>Offset Well Error:</b> | 3.0 usft |
| <b>Reference</b>                                                                                     |                              | <b>Offset</b>                |                              | <b>Semi Major Axis</b>  |                      | <b>Distance</b>              |                                            |                     |                               |                                |                                  |                          |                           |          |
| <b>Measured Depth (usft)</b>                                                                         | <b>Vertical Depth (usft)</b> | <b>Measured Depth (usft)</b> | <b>Vertical Depth (usft)</b> | <b>Reference (usft)</b> | <b>Offset (usft)</b> | <b>Highside Toolface (°)</b> | <b>Offset Wellbore Centre +N/-S (usft)</b> | <b>+E/-W (usft)</b> | <b>Between Centres (usft)</b> | <b>Between Ellipses (usft)</b> | <b>Minimum Separation (usft)</b> | <b>Separation Factor</b> | <b>Warning</b>            |          |
| 10,100.0                                                                                             | 10,084.3                     | 10,096.3                     | 10,083.3                     | 10.3                    | 35.6                 | 160.28                       | -132.0                                     | -644.2              | 999.3                         | 954.7                          | 44.55                            | 22.431                   |                           |          |

# Concho Resources LLC

## Anticollision Report

|                           |                                           |                                     |                               |
|---------------------------|-------------------------------------------|-------------------------------------|-------------------------------|
| <b>Company:</b>           | DELAWARE BASIN EAST                       | <b>Local Co-ordinate Reference:</b> | Well BEDLINGTON FED COM 703H  |
| <b>Project:</b>           | BULLDOG PROSPECT (NM-E)                   | <b>TVD Reference:</b>               | KB=26' @ 3649.0usft (McVay 8) |
| <b>Reference Site:</b>    | BEDLINGTON FEDERAL PROJECT (BULLDOG 2332) | <b>MD Reference:</b>                | KB=26' @ 3649.0usft (McVay 8) |
| <b>Site Error:</b>        | 3.0 usft                                  | <b>North Reference:</b>             | Grid                          |
| <b>Reference Well:</b>    | BEDLINGTON FED COM 703H                   | <b>Survey Calculation Method:</b>   | Minimum Curvature             |
| <b>Well Error:</b>        | 3.0 usft                                  | <b>Output errors are at</b>         | 2.00 sigma                    |
| <b>Reference Wellbore</b> | OWB                                       | <b>Database:</b>                    | edm                           |
| <b>Reference Design:</b>  | PWP2                                      | <b>Offset TVD Reference:</b>        | Offset Datum                  |

| Offset Design                                              |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           | Offset Site Error: | 3.0 usft |
|------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|--------------------|----------|
| Survey Program: 0-Standard Keeper 104, 10086-MWD+IFR1+FDIR |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           | Offset Well Error: | 3.0 usft |
| Reference                                                  | Offset                | Semi Major Axis       |                       | Distance         |               |                       |                                     |              |                        |                         |                           |                    |          |
| Measured Depth (usft)                                      | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor  | Warning  |
| 0.0                                                        | 0.0                   | 0.0                   | 0.0                   | 3.0              | 3.0           | -90.54                | -2.4                                | -260.0       | 260.0                  |                         |                           |                    |          |
| 100.0                                                      | 100.0                 | 99.0                  | 99.0                  | 3.0              | 3.0           | -90.54                | -2.4                                | -260.0       | 260.0                  | 254.0                   | 6.00                      | 43.334             |          |
| 200.0                                                      | 200.0                 | 199.0                 | 199.0                 | 3.0              | 3.0           | -90.54                | -2.4                                | -260.0       | 260.0                  | 254.0                   | 6.00                      | 43.313             |          |
| 300.0                                                      | 300.0                 | 299.0                 | 299.0                 | 3.0              | 3.0           | -90.54                | -2.4                                | -260.0       | 260.0                  | 254.0                   | 6.01                      | 43.270             |          |
| 400.0                                                      | 400.0                 | 399.0                 | 399.0                 | 3.0              | 3.0           | -90.54                | -2.4                                | -260.0       | 260.0                  | 254.0                   | 6.02                      | 43.203             |          |
| 500.0                                                      | 500.0                 | 499.0                 | 499.0                 | 3.1              | 3.1           | -90.54                | -2.4                                | -260.0       | 260.0                  | 254.0                   | 6.03                      | 43.113             |          |
| 600.0                                                      | 600.0                 | 599.0                 | 599.0                 | 3.1              | 3.1           | -90.54                | -2.4                                | -260.0       | 260.0                  | 254.0                   | 6.05                      | 43.001             |          |
| 700.0                                                      | 700.0                 | 699.0                 | 699.0                 | 3.1              | 3.1           | -90.54                | -2.4                                | -260.0       | 260.0                  | 253.9                   | 6.07                      | 42.867             |          |
| 800.0                                                      | 800.0                 | 799.0                 | 799.0                 | 3.2              | 3.2           | -90.54                | -2.4                                | -260.0       | 260.0                  | 253.9                   | 6.09                      | 42.712             |          |
| 900.0                                                      | 900.0                 | 899.0                 | 899.0                 | 3.2              | 3.2           | -90.54                | -2.4                                | -260.0       | 260.0                  | 253.9                   | 6.11                      | 42.537             |          |
| 1,000.0                                                    | 1,000.0               | 999.0                 | 999.0                 | 3.2              | 3.2           | -90.54                | -2.4                                | -260.0       | 260.0                  | 253.9                   | 6.14                      | 42.341             |          |
| 1,100.0                                                    | 1,100.0               | 1,099.0               | 1,099.0               | 3.3              | 3.3           | -90.54                | -2.4                                | -260.0       | 260.0                  | 253.8                   | 6.17                      | 42.127             |          |
| 1,200.0                                                    | 1,200.0               | 1,199.0               | 1,199.0               | 3.4              | 3.4           | -90.54                | -2.4                                | -260.0       | 260.0                  | 253.8                   | 6.21                      | 41.894             |          |
| 1,300.0                                                    | 1,300.0               | 1,299.0               | 1,299.0               | 3.4              | 3.4           | -90.54                | -2.4                                | -260.0       | 260.0                  | 253.8                   | 6.24                      | 41.645             |          |
| 1,400.0                                                    | 1,400.0               | 1,399.0               | 1,399.0               | 3.5              | 3.5           | -90.54                | -2.4                                | -260.0       | 260.0                  | 253.7                   | 6.28                      | 41.380             |          |
| 1,500.0                                                    | 1,500.0               | 1,499.0               | 1,499.0               | 3.5              | 3.5           | -90.54                | -2.4                                | -260.0       | 260.0                  | 253.7                   | 6.33                      | 41.099             |          |
| 1,600.0                                                    | 1,600.0               | 1,599.0               | 1,599.0               | 3.6              | 3.6           | -90.54                | -2.4                                | -260.0       | 260.0                  | 253.6                   | 6.37                      | 40.805             |          |
| 1,700.0                                                    | 1,700.0               | 1,699.0               | 1,699.0               | 3.7              | 3.7           | -90.54                | -2.4                                | -260.0       | 260.0                  | 253.6                   | 6.42                      | 40.497             |          |
| 1,800.0                                                    | 1,800.0               | 1,799.0               | 1,799.0               | 3.8              | 3.8           | -90.54                | -2.4                                | -260.0       | 260.0                  | 253.5                   | 6.47                      | 40.178             |          |
| 1,900.0                                                    | 1,900.0               | 1,899.0               | 1,899.0               | 3.9              | 3.9           | -90.54                | -2.4                                | -260.0       | 260.0                  | 253.5                   | 6.53                      | 39.848             |          |
| 2,000.0                                                    | 2,000.0               | 1,999.0               | 1,999.0               | 3.9              | 3.9           | -90.54                | -2.4                                | -260.0       | 260.0                  | 253.4                   | 6.58                      | 39.508             |          |
| 2,100.0                                                    | 2,100.0               | 2,099.0               | 2,099.0               | 4.0              | 4.0           | -90.54                | -2.4                                | -260.0       | 260.0                  | 253.4                   | 6.64                      | 39.159             |          |
| 2,200.0                                                    | 2,200.0               | 2,199.0               | 2,199.0               | 4.1              | 4.1           | -90.54                | -2.4                                | -260.0       | 260.0                  | 253.3                   | 6.70                      | 38.803             |          |
| 2,300.0                                                    | 2,300.0               | 2,299.0               | 2,299.0               | 4.2              | 4.2           | -90.54                | -2.4                                | -260.0       | 260.0                  | 253.2                   | 6.76                      | 38.440             |          |
| 2,400.0                                                    | 2,400.0               | 2,399.0               | 2,399.0               | 4.3              | 4.3           | -90.54                | -2.4                                | -260.0       | 260.0                  | 253.2                   | 6.83                      | 38.070             |          |
| 2,500.0                                                    | 2,500.0               | 2,499.0               | 2,499.0               | 4.4              | 4.4           | -90.54                | -2.4                                | -260.0       | 260.0                  | 253.1                   | 6.90                      | 37.696             |          |
| 2,600.0                                                    | 2,600.0               | 2,608.1               | 2,608.1               | 4.5              | 4.4           | -90.70                | -3.2                                | -258.1       | 258.3                  | 251.3                   | 6.97                      | 37.050             |          |
| 2,700.0                                                    | 2,700.0               | 2,712.1               | 2,711.9               | 4.6              | 4.5           | -91.15                | -5.1                                | -253.1       | 253.5                  | 246.5                   | 7.05                      | 35.963             |          |
| 2,800.0                                                    | 2,800.0               | 2,812.0               | 2,811.6               | 4.7              | 4.5           | -91.62                | -7.0                                | -248.0       | 248.4                  | 241.3                   | 7.13                      | 34.823             |          |
| 2,900.0                                                    | 2,900.0               | 2,911.8               | 2,911.3               | 4.8              | 4.5           | -92.12                | -9.0                                | -242.9       | 243.4                  | 236.1                   | 7.22                      | 33.683             |          |
| 3,000.0                                                    | 3,000.0               | 3,011.7               | 3,011.0               | 4.9              | 4.5           | -92.64                | -11.0                               | -237.7       | 238.3                  | 231.0                   | 7.32                      | 32.547             |          |
| 3,100.0                                                    | 3,100.0               | 3,111.5               | 3,110.7               | 5.0              | 4.5           | -93.19                | -12.9                               | -232.6       | 233.3                  | 225.8                   | 7.42                      | 31.418             |          |
| 3,200.0                                                    | 3,200.0               | 3,211.3               | 3,210.4               | 5.1              | 4.5           | -93.75                | -14.9                               | -227.5       | 228.2                  | 220.7                   | 7.53                      | 30.299             |          |
| 3,300.0                                                    | 3,300.0               | 3,311.2               | 3,310.1               | 5.2              | 4.6           | -94.35                | -16.9                               | -222.3       | 223.2                  | 215.6                   | 7.65                      | 29.193             |          |
| 3,400.0                                                    | 3,400.0               | 3,411.0               | 3,409.8               | 5.3              | 4.6           | -94.97                | -18.9                               | -217.2       | 218.3                  | 210.5                   | 7.77                      | 28.103             |          |
| 3,500.0                                                    | 3,500.0               | 3,510.9               | 3,509.5               | 5.4              | 4.6           | -95.61                | -20.8                               | -212.0       | 213.3                  | 205.4                   | 7.89                      | 27.030             |          |
| 3,600.0                                                    | 3,600.0               | 3,610.7               | 3,609.2               | 5.5              | 4.7           | -96.29                | -22.8                               | -206.9       | 208.4                  | 200.4                   | 8.02                      | 25.977             |          |
| 3,700.0                                                    | 3,700.0               | 3,710.6               | 3,708.9               | 5.7              | 4.7           | -97.00                | -24.8                               | -201.8       | 203.5                  | 195.4                   | 8.16                      | 24.945             |          |
| 3,800.0                                                    | 3,800.0               | 3,810.4               | 3,808.6               | 5.8              | 4.8           | -97.75                | -26.8                               | -196.6       | 198.7                  | 190.4                   | 8.30                      | 23.936             |          |
| 3,900.0                                                    | 3,900.0               | 3,910.3               | 3,908.3               | 5.9              | 4.8           | -98.53                | -28.7                               | -191.5       | 193.9                  | 185.4                   | 8.45                      | 22.950             |          |
| 4,000.0                                                    | 4,000.0               | 4,010.1               | 4,008.0               | 6.0              | 4.9           | -99.36                | -30.7                               | -186.3       | 189.1                  | 180.5                   | 8.60                      | 21.989             |          |
| 4,100.0                                                    | 4,100.0               | 4,110.0               | 4,107.7               | 6.1              | 4.9           | -100.22               | -32.7                               | -181.2       | 184.3                  | 175.6                   | 8.76                      | 21.053             |          |
| 4,200.0                                                    | 4,200.0               | 4,209.8               | 4,207.4               | 6.2              | 5.0           | -101.13               | -34.6                               | -176.1       | 179.6                  | 170.7                   | 8.92                      | 20.142             |          |
| 4,300.0                                                    | 4,300.0               | 4,309.7               | 4,307.1               | 6.3              | 5.1           | -102.09               | -36.6                               | -170.9       | 175.0                  | 165.9                   | 9.09                      | 19.257             |          |
| 4,400.0                                                    | 4,400.0               | 4,409.5               | 4,406.8               | 6.5              | 5.1           | -103.10               | -38.6                               | -165.8       | 170.4                  | 161.1                   | 9.26                      | 18.399             |          |
| 4,500.0                                                    | 4,500.0               | 4,509.4               | 4,506.5               | 6.6              | 5.2           | -104.17               | -40.6                               | -160.7       | 165.9                  | 156.4                   | 9.44                      | 17.567             |          |
| 4,600.0                                                    | 4,600.0               | 4,609.2               | 4,606.2               | 6.7              | 5.3           | -105.30               | -42.5                               | -155.5       | 161.4                  | 151.8                   | 9.63                      | 16.761             |          |
| 4,700.0                                                    | 4,700.0               | 4,709.1               | 4,705.9               | 6.8              | 5.3           | -106.49               | -44.5                               | -150.4       | 157.0                  | 147.2                   | 9.82                      | 15.983             |          |
| 4,800.0                                                    | 4,800.0               | 4,808.9               | 4,805.6               | 6.9              | 5.4           | -107.75               | -46.5                               | -145.2       | 152.6                  | 142.6                   | 10.02                     | 15.231             |          |
| 4,900.0                                                    | 4,900.0               | 4,908.8               | 4,905.3               | 7.0              | 5.5           | -109.08               | -48.5                               | -140.1       | 148.4                  | 138.1                   | 10.23                     | 14.507             |          |
| 5,000.0                                                    | 5,000.0               | 5,008.6               | 5,005.0               | 7.2              | 5.6           | -110.49               | -50.4                               | -135.0       | 144.2                  | 133.8                   | 10.44                     | 13.809             |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Concho Resources LLC

## Anticollision Report

|                           |                                           |                                     |                               |
|---------------------------|-------------------------------------------|-------------------------------------|-------------------------------|
| <b>Company:</b>           | DELAWARE BASIN EAST                       | <b>Local Co-ordinate Reference:</b> | Well BEDLINGTON FED COM 703H  |
| <b>Project:</b>           | BULLDOG PROSPECT (NM-E)                   | <b>TVD Reference:</b>               | KB=26' @ 3649.0usft (McVay 8) |
| <b>Reference Site:</b>    | BEDLINGTON FEDERAL PROJECT (BULLDOG 2332) | <b>MD Reference:</b>                | KB=26' @ 3649.0usft (McVay 8) |
| <b>Site Error:</b>        | 3.0 usft                                  | <b>North Reference:</b>             | Grid                          |
| <b>Reference Well:</b>    | BEDLINGTON FED COM 703H                   | <b>Survey Calculation Method:</b>   | Minimum Curvature             |
| <b>Well Error:</b>        | 3.0 usft                                  | <b>Output errors are at</b>         | 2.00 sigma                    |
| <b>Reference Wellbore</b> | OWB                                       | <b>Database:</b>                    | edm                           |
| <b>Reference Design:</b>  | PWP2                                      | <b>Offset TVD Reference:</b>        | Offset Datum                  |

| Offset Design                                              |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Site Error: | 3.0 usft |
|------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|----------|
| Survey Program: 0-Standard Keeper 104, 10086-MWD+IFR1+FDIR |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Well Error: | 3.0 usft |
| Reference                                                  | Offset                | Semi Major Axis       |                       | Distance         |               |                       |                                     |              |                        |                         |                           |                   |                    | Warning  |
| Measured Depth (usft)                                      | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor |                    |          |
| 5,100.0                                                    | 5,100.0               | 5,108.5               | 5,104.7               | 7.3              | 5.6           | -111.98               | -52.4                               | -129.8       | 140.1                  | 129.5                   | 10.66                     | 13.139            |                    |          |
| 5,200.0                                                    | 5,200.0               | 5,208.3               | 5,204.4               | 7.4              | 5.7           | -113.56               | -54.4                               | -124.7       | 136.1                  | 125.2                   | 10.89                     | 12.496            |                    |          |
| 5,300.0                                                    | 5,300.0               | 5,308.2               | 5,304.0               | 7.5              | 5.8           | -115.24               | -56.3                               | -119.5       | 132.3                  | 121.1                   | 11.13                     | 11.881            |                    |          |
| 5,400.0                                                    | 5,400.0               | 5,408.0               | 5,403.7               | 7.6              | 5.9           | -117.01               | -58.3                               | -114.4       | 128.5                  | 117.1                   | 11.38                     | 11.294            |                    |          |
| 5,500.0                                                    | 5,500.0               | 5,507.9               | 5,503.4               | 7.8              | 6.0           | -118.89               | -60.3                               | -109.3       | 124.9                  | 113.2                   | 11.63                     | 10.736            |                    |          |
| 5,600.0                                                    | 5,600.0               | 5,607.8               | 5,603.2               | 7.8              | 6.1           | 130.62                | -62.3                               | -104.1       | 122.5                  | 110.7                   | 11.87                     | 10.325            |                    |          |
| 5,652.0                                                    | 5,651.9               | 5,659.8               | 5,655.1               | 7.8              | 6.1           | 130.39                | -63.3                               | -101.5       | 122.2                  | 110.3                   | 11.97                     | 10.215 CC, ES     |                    |          |
| 5,700.0                                                    | 5,699.8               | 5,707.8               | 5,703.1               | 7.8              | 6.1           | 130.47                | -64.2                               | -99.0        | 122.5                  | 110.4                   | 12.05                     | 10.167 SF         |                    |          |
| 5,740.7                                                    | 5,740.4               | 5,748.4               | 5,743.6               | 7.8              | 6.2           | 130.75                | -65.0                               | -96.9        | 123.1                  | 111.0                   | 12.10                     | 10.171            |                    |          |
| 5,800.0                                                    | 5,799.5               | 5,807.7               | 5,802.9               | 7.9              | 6.2           | 131.32                | -66.2                               | -93.8        | 124.3                  | 112.1                   | 12.18                     | 10.206            |                    |          |
| 5,900.0                                                    | 5,899.2               | 5,907.7               | 5,902.7               | 7.9              | 6.3           | 132.25                | -68.2                               | -88.7        | 126.4                  | 114.1                   | 12.31                     | 10.264            |                    |          |
| 6,000.0                                                    | 5,998.8               | 6,007.7               | 6,002.5               | 7.9              | 6.4           | 133.15                | -70.2                               | -83.5        | 128.5                  | 116.0                   | 12.45                     | 10.319            |                    |          |
| 6,100.0                                                    | 6,098.4               | 6,107.6               | 6,102.3               | 7.9              | 6.5           | 134.02                | -72.1                               | -78.4        | 130.6                  | 118.0                   | 12.59                     | 10.372            |                    |          |
| 6,200.0                                                    | 6,198.1               | 6,207.6               | 6,202.1               | 7.9              | 6.6           | 134.86                | -74.1                               | -73.3        | 132.7                  | 120.0                   | 12.73                     | 10.423            |                    |          |
| 6,300.0                                                    | 6,297.7               | 6,307.5               | 6,301.9               | 7.9              | 6.7           | 135.68                | -76.1                               | -68.1        | 134.9                  | 122.0                   | 12.88                     | 10.471            |                    |          |
| 6,400.0                                                    | 6,397.4               | 6,407.5               | 6,401.7               | 8.0              | 6.8           | 136.47                | -78.1                               | -63.0        | 137.1                  | 124.1                   | 13.03                     | 10.519            |                    |          |
| 6,500.0                                                    | 6,497.0               | 6,507.4               | 6,501.5               | 8.0              | 6.9           | 137.23                | -80.0                               | -57.8        | 139.3                  | 126.1                   | 13.19                     | 10.564            |                    |          |
| 6,600.0                                                    | 6,596.7               | 6,607.4               | 6,601.3               | 8.0              | 7.0           | 137.98                | -82.0                               | -52.7        | 141.6                  | 128.2                   | 13.35                     | 10.607            |                    |          |
| 6,700.0                                                    | 6,696.3               | 6,707.4               | 6,701.1               | 8.1              | 7.1           | 138.69                | -84.0                               | -47.5        | 143.9                  | 130.4                   | 13.51                     | 10.649            |                    |          |
| 6,800.0                                                    | 6,796.0               | 6,807.3               | 6,800.9               | 8.1              | 7.2           | 139.39                | -86.0                               | -42.4        | 146.2                  | 132.5                   | 13.67                     | 10.689            |                    |          |
| 6,900.0                                                    | 6,895.6               | 6,907.3               | 6,900.7               | 8.1              | 7.3           | 140.06                | -87.9                               | -37.3        | 148.5                  | 134.6                   | 13.84                     | 10.728            |                    |          |
| 7,000.0                                                    | 6,995.3               | 7,007.2               | 7,000.5               | 8.2              | 7.4           | 140.72                | -89.9                               | -32.1        | 150.8                  | 136.8                   | 14.01                     | 10.765            |                    |          |
| 7,100.0                                                    | 7,094.9               | 7,107.2               | 7,100.3               | 8.2              | 7.5           | 141.35                | -91.9                               | -27.0        | 153.2                  | 139.0                   | 14.18                     | 10.801            |                    |          |
| 7,200.0                                                    | 7,194.6               | 7,207.1               | 7,200.2               | 8.2              | 7.6           | 141.96                | -93.9                               | -21.8        | 155.5                  | 141.2                   | 14.36                     | 10.835            |                    |          |
| 7,300.0                                                    | 7,294.2               | 7,307.1               | 7,300.0               | 8.3              | 7.7           | 142.56                | -95.8                               | -16.7        | 157.9                  | 143.4                   | 14.53                     | 10.868            |                    |          |
| 7,400.0                                                    | 7,393.9               | 7,407.1               | 7,399.8               | 8.3              | 7.8           | 143.13                | -97.8                               | -11.5        | 160.3                  | 145.6                   | 14.71                     | 10.899            |                    |          |
| 7,500.0                                                    | 7,493.5               | 7,507.0               | 7,499.6               | 8.4              | 7.9           | 143.69                | -99.8                               | -6.4         | 162.8                  | 147.9                   | 14.89                     | 10.930            |                    |          |
| 7,600.0                                                    | 7,593.2               | 7,607.0               | 7,599.4               | 8.4              | 8.1           | 144.24                | -101.8                              | -1.2         | 165.2                  | 150.1                   | 15.08                     | 10.959            |                    |          |
| 7,700.0                                                    | 7,692.8               | 7,706.9               | 7,699.2               | 8.5              | 8.2           | 144.77                | -103.7                              | 3.9          | 167.7                  | 152.4                   | 15.26                     | 10.987            |                    |          |
| 7,800.0                                                    | 7,792.5               | 7,806.9               | 7,799.0               | 8.5              | 8.3           | 145.28                | -105.7                              | 9.0          | 170.1                  | 154.7                   | 15.45                     | 11.014            |                    |          |
| 7,900.0                                                    | 7,892.1               | 7,906.9               | 7,898.8               | 8.6              | 8.4           | 145.78                | -107.7                              | 14.2         | 172.6                  | 157.0                   | 15.64                     | 11.039            |                    |          |
| 8,000.0                                                    | 7,991.7               | 8,006.8               | 7,998.6               | 8.7              | 8.5           | 146.26                | -109.7                              | 19.3         | 175.1                  | 159.3                   | 15.83                     | 11.064            |                    |          |
| 8,100.0                                                    | 8,091.4               | 8,106.8               | 8,098.4               | 8.7              | 8.6           | 146.73                | -111.6                              | 24.5         | 177.6                  | 161.6                   | 16.02                     | 11.088            |                    |          |
| 8,200.0                                                    | 8,191.0               | 8,206.7               | 8,198.2               | 8.8              | 8.7           | 147.19                | -113.6                              | 29.6         | 180.1                  | 163.9                   | 16.21                     | 11.110            |                    |          |
| 8,300.0                                                    | 8,290.7               | 8,306.7               | 8,298.0               | 8.8              | 8.8           | 147.63                | -115.6                              | 34.8         | 182.7                  | 166.3                   | 16.41                     | 11.132            |                    |          |
| 8,400.0                                                    | 8,390.3               | 8,406.6               | 8,397.8               | 8.9              | 8.9           | 148.06                | -117.6                              | 39.9         | 185.2                  | 168.6                   | 16.61                     | 11.153            |                    |          |
| 8,500.0                                                    | 8,490.0               | 8,506.6               | 8,497.6               | 9.0              | 9.1           | 148.48                | -119.5                              | 45.1         | 187.8                  | 170.9                   | 16.80                     | 11.173            |                    |          |
| 8,600.0                                                    | 8,589.6               | 8,606.6               | 8,597.4               | 9.0              | 9.2           | 148.89                | -121.5                              | 50.2         | 190.3                  | 173.3                   | 17.00                     | 11.192            |                    |          |
| 8,700.0                                                    | 8,689.3               | 8,706.5               | 8,697.2               | 9.1              | 9.3           | 149.29                | -123.5                              | 55.3         | 192.9                  | 175.7                   | 17.20                     | 11.211            |                    |          |
| 8,800.0                                                    | 8,788.9               | 8,806.5               | 8,797.1               | 9.2              | 9.4           | 149.68                | -125.5                              | 60.5         | 195.5                  | 178.1                   | 17.41                     | 11.228            |                    |          |
| 8,900.0                                                    | 8,888.6               | 8,906.4               | 8,896.9               | 9.3              | 9.5           | 150.06                | -127.4                              | 65.6         | 198.0                  | 180.4                   | 17.61                     | 11.245            |                    |          |
| 9,000.0                                                    | 8,988.2               | 9,006.4               | 8,996.7               | 9.3              | 9.6           | 150.42                | -129.4                              | 70.8         | 200.6                  | 182.8                   | 17.82                     | 11.262            |                    |          |
| 9,100.0                                                    | 9,087.9               | 9,106.4               | 9,096.5               | 9.4              | 9.7           | 150.78                | -131.4                              | 75.9         | 203.2                  | 185.2                   | 18.02                     | 11.277            |                    |          |
| 9,200.0                                                    | 9,187.5               | 9,206.3               | 9,196.3               | 9.5              | 9.9           | 151.13                | -133.4                              | 81.1         | 205.9                  | 187.6                   | 18.23                     | 11.292            |                    |          |
| 9,300.0                                                    | 9,287.2               | 9,306.3               | 9,296.1               | 9.6              | 10.0          | 151.47                | -135.3                              | 86.2         | 208.5                  | 190.0                   | 18.44                     | 11.306            |                    |          |
| 9,400.0                                                    | 9,386.8               | 9,406.2               | 9,395.9               | 9.7              | 10.1          | 151.81                | -137.3                              | 91.4         | 211.1                  | 192.4                   | 18.65                     | 11.320            |                    |          |
| 9,500.0                                                    | 9,486.5               | 9,506.2               | 9,495.7               | 9.7              | 10.2          | 152.13                | -139.3                              | 96.5         | 213.7                  | 194.9                   | 18.86                     | 11.333            |                    |          |
| 9,600.0                                                    | 9,586.1               | 9,606.1               | 9,595.5               | 9.8              | 10.3          | 152.45                | -141.3                              | 101.6        | 216.4                  | 197.3                   | 19.07                     | 11.345            |                    |          |
| 9,700.0                                                    | 9,685.8               | 9,706.1               | 9,695.3               | 9.9              | 10.4          | 152.75                | -143.2                              | 106.8        | 219.0                  | 199.7                   | 19.28                     | 11.357            |                    |          |
| 9,800.0                                                    | 9,785.4               | 9,806.1               | 9,795.1               | 10.0             | 10.6          | 153.06                | -145.2                              | 111.9        | 221.7                  | 202.2                   | 19.50                     | 11.369            |                    |          |
| 9,900.0                                                    | 9,885.0               | 9,906.0               | 9,894.9               | 10.1             | 10.7          | 153.35                | -147.2                              | 117.1        | 224.3                  | 204.6                   | 19.71                     | 11.380            |                    |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Concho Resources LLC

## Anticollision Report

|                           |                                           |                                     |                               |
|---------------------------|-------------------------------------------|-------------------------------------|-------------------------------|
| <b>Company:</b>           | DELAWARE BASIN EAST                       | <b>Local Co-ordinate Reference:</b> | Well BEDLINGTON FED COM 703H  |
| <b>Project:</b>           | BULLDOG PROSPECT (NM-E)                   | <b>TVD Reference:</b>               | KB=26' @ 3649.0usft (McVay 8) |
| <b>Reference Site:</b>    | BEDLINGTON FEDERAL PROJECT (BULLDOG 2332) | <b>MD Reference:</b>                | KB=26' @ 3649.0usft (McVay 8) |
| <b>Site Error:</b>        | 3.0 usft                                  | <b>North Reference:</b>             | Grid                          |
| <b>Reference Well:</b>    | BEDLINGTON FED COM 703H                   | <b>Survey Calculation Method:</b>   | Minimum Curvature             |
| <b>Well Error:</b>        | 3.0 usft                                  | <b>Output errors are at</b>         | 2.00 sigma                    |
| <b>Reference Wellbore</b> | OWB                                       | <b>Database:</b>                    | edm                           |
| <b>Reference Design:</b>  | PWP2                                      | <b>Offset TVD Reference:</b>        | Offset Datum                  |

| <b>Offset Design</b> BEDLINGTON FEDERAL PROJECT (BULLDOG 2332) - BEDLINGTON FED COM 503H - OWB - PWP |                       |                       |                       |                  |               |                                          |                                        |              |                        |                         |                           |                   | <b>Offset Site Error:</b> | 3.0 usft |
|------------------------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|------------------------------------------|----------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|---------------------------|----------|
| <b>Survey Program:</b> 0-Standard Keeper 104, 10086-MWD+IFR1+FDIR                                    |                       |                       |                       |                  |               |                                          |                                        |              |                        |                         |                           |                   | <b>Offset Well Error:</b> | 3.0 usft |
| Measured Depth (usft)                                                                                | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Semi Major Axis<br>Highside Toolface (°) | Offset Wellbore Centre<br>+N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | Warning                   |          |
| 10,000.0                                                                                             | 9,984.7               | 10,006.0              | 9,994.7               | 10.2             | 10.8          | 153.64                                   | -149.1                                 | 122.2        | 227.0                  | 207.1                   | 19.93                     | 11.392            |                           |          |
| 10,100.0                                                                                             | 10,084.3              | 10,106.9              | 10,095.5              | 10.3             | 10.9          | 154.01                                   | -150.8                                 | 127.4        | 229.6                  | 209.5                   | 20.07                     | 11.440            |                           |          |
| 10,200.0                                                                                             | 10,184.0              | 10,209.5              | 10,197.3              | 10.4             | 10.9          | 157.43                                   | -140.0                                 | 132.6        | 231.3                  | 211.2                   | 20.06                     | 11.528            |                           |          |
| 10,300.0                                                                                             | 10,283.6              | 10,304.6              | 10,288.5              | 10.4             | 10.9          | 164.46                                   | -114.0                                 | 137.1        | 234.3                  | 214.5                   | 19.87                     | 11.794            |                           |          |
| 10,400.0                                                                                             | 10,383.3              | 10,388.4              | 10,364.4              | 10.5             | 10.9          | 173.29                                   | -78.8                                  | 140.8        | 244.5                  | 224.5                   | 19.97                     | 12.240            |                           |          |
| 10,500.0                                                                                             | 10,482.9              | 10,459.9              | 10,424.5              | 10.6             | 11.0          | -177.96                                  | -40.3                                  | 143.7        | 266.9                  | 245.6                   | 21.34                     | 12.507            |                           |          |
| 10,600.0                                                                                             | 10,582.6              | 10,519.8              | 10,470.9              | 10.7             | 11.0          | -170.39                                  | -2.5                                   | 145.8        | 303.9                  | 279.8                   | 24.05                     | 12.635            |                           |          |
| 10,700.0                                                                                             | 10,682.2              | 10,569.8              | 10,506.3              | 10.8             | 11.1          | -164.30                                  | 32.6                                   | 147.5        | 354.2                  | 327.0                   | 27.20                     | 13.021            |                           |          |
| 10,800.0                                                                                             | 10,781.9              | 10,611.4              | 10,533.5              | 10.9             | 11.1          | -159.54                                  | 64.2                                   | 148.7        | 415.4                  | 385.3                   | 30.12                     | 13.794            |                           |          |
| 10,900.0                                                                                             | 10,881.5              | 10,650.0              | 10,556.5              | 11.0             | 11.2          | -155.47                                  | 95.1                                   | 149.7        | 484.8                  | 452.4                   | 32.43                     | 14.950            |                           |          |
| 11,000.0                                                                                             | 10,981.2              | 10,675.9              | 10,570.8              | 11.1             | 11.2          | -152.92                                  | 116.7                                  | 150.3        | 560.3                  | 525.8                   | 34.58                     | 16.204            |                           |          |
| 11,100.0                                                                                             | 11,080.8              | 10,700.0              | 10,583.2              | 11.2             | 11.3          | -150.71                                  | 137.4                                  | 150.8        | 640.4                  | 604.1                   | 36.26                     | 17.659            |                           |          |
| 11,200.0                                                                                             | 11,180.5              | 10,722.7              | 10,594.1              | 11.3             | 11.3          | -148.74                                  | 157.3                                  | 151.2        | 723.9                  | 686.3                   | 37.62                     | 19.243            |                           |          |
| 11,300.0                                                                                             | 11,280.1              | 10,750.0              | 10,606.1              | 11.4             | 11.3          | -146.54                                  | 181.8                                  | 151.7        | 810.2                  | 771.5                   | 38.64                     | 20.969            |                           |          |
| 11,400.0                                                                                             | 11,379.8              | 10,750.0              | 10,606.1              | 11.5             | 11.3          | -146.54                                  | 181.8                                  | 151.7        | 898.4                  | 858.4                   | 39.93                     | 22.497            |                           |          |
| 11,500.0                                                                                             | 11,479.4              | 10,772.1              | 10,615.0              | 11.6             | 11.4          | -144.87                                  | 202.0                                  | 152.0        | 988.2                  | 947.5                   | 40.72                     | 24.269            |                           |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Concho Resources LLC

## Anticollision Report

|                           |                                           |                                     |                               |
|---------------------------|-------------------------------------------|-------------------------------------|-------------------------------|
| <b>Company:</b>           | DELAWARE BASIN EAST                       | <b>Local Co-ordinate Reference:</b> | Well BEDLINGTON FED COM 703H  |
| <b>Project:</b>           | BULLDOG PROSPECT (NM-E)                   | <b>TVD Reference:</b>               | KB=26' @ 3649.0usft (McVay 8) |
| <b>Reference Site:</b>    | BEDLINGTON FEDERAL PROJECT (BULLDOG 2332) | <b>MD Reference:</b>                | KB=26' @ 3649.0usft (McVay 8) |
| <b>Site Error:</b>        | 3.0 usft                                  | <b>North Reference:</b>             | Grid                          |
| <b>Reference Well:</b>    | BEDLINGTON FED COM 703H                   | <b>Survey Calculation Method:</b>   | Minimum Curvature             |
| <b>Well Error:</b>        | 3.0 usft                                  | <b>Output errors are at</b>         | 2.00 sigma                    |
| <b>Reference Wellbore</b> | OWB                                       | <b>Database:</b>                    | edm                           |
| <b>Reference Design:</b>  | PWP2                                      | <b>Offset TVD Reference:</b>        | Offset Datum                  |

| Offset Design                                              |                       |                       |                       |                  |               |                              |                                     |              |                        |                         |                           | Offset Site Error: | 3.0 usft |
|------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|------------------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|--------------------|----------|
| Survey Program: 0-Standard Keeper 104, 11840-MWD+IFR1+FDIR |                       |                       |                       |                  |               |                              |                                     |              |                        |                         |                           | Offset Well Error: | 3.0 usft |
| Measured Depth (usft)                                      | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Semi Major Axis Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor  | Warning  |
| 0.0                                                        | 0.0                   | 0.0                   | 0.0                   | 3.0              | 3.0           | -90.53                       | -0.6                                | -60.0        | 60.0                   |                         |                           |                    |          |
| 100.0                                                      | 100.0                 | 100.0                 | 100.0                 | 3.0              | 3.0           | -90.53                       | -0.6                                | -60.0        | 60.0                   | 54.0                    | 6.00                      | 9.998              |          |
| 200.0                                                      | 200.0                 | 200.0                 | 200.0                 | 3.0              | 3.0           | -90.53                       | -0.6                                | -60.0        | 60.0                   | 54.0                    | 6.00                      | 9.994              |          |
| 300.0                                                      | 300.0                 | 300.0                 | 300.0                 | 3.0              | 3.0           | -90.53                       | -0.6                                | -60.0        | 60.0                   | 54.0                    | 6.01                      | 9.984              |          |
| 400.0                                                      | 400.0                 | 400.0                 | 400.0                 | 3.0              | 3.0           | -90.53                       | -0.6                                | -60.0        | 60.0                   | 54.0                    | 6.02                      | 9.968              |          |
| 500.0                                                      | 500.0                 | 500.0                 | 500.0                 | 3.1              | 3.1           | -90.53                       | -0.6                                | -60.0        | 60.0                   | 54.0                    | 6.03                      | 9.947              |          |
| 600.0                                                      | 600.0                 | 600.0                 | 600.0                 | 3.1              | 3.1           | -90.53                       | -0.6                                | -60.0        | 60.0                   | 53.9                    | 6.05                      | 9.922              |          |
| 700.0                                                      | 700.0                 | 700.0                 | 700.0                 | 3.1              | 3.1           | -90.53                       | -0.6                                | -60.0        | 60.0                   | 53.9                    | 6.07                      | 9.891              |          |
| 800.0                                                      | 800.0                 | 800.0                 | 800.0                 | 3.2              | 3.2           | -90.53                       | -0.6                                | -60.0        | 60.0                   | 53.9                    | 6.09                      | 9.855              |          |
| 900.0                                                      | 900.0                 | 900.0                 | 900.0                 | 3.2              | 3.2           | -90.53                       | -0.6                                | -60.0        | 60.0                   | 53.9                    | 6.11                      | 9.814              |          |
| 1,000.0                                                    | 1,000.0               | 1,000.0               | 1,000.0               | 3.2              | 3.2           | -90.53                       | -0.6                                | -60.0        | 60.0                   | 53.9                    | 6.14                      | 9.769              |          |
| 1,100.0                                                    | 1,100.0               | 1,100.0               | 1,100.0               | 3.3              | 3.3           | -90.53                       | -0.6                                | -60.0        | 60.0                   | 53.8                    | 6.17                      | 9.720              |          |
| 1,200.0                                                    | 1,200.0               | 1,200.0               | 1,200.0               | 3.4              | 3.4           | -90.53                       | -0.6                                | -60.0        | 60.0                   | 53.8                    | 6.21                      | 9.666              |          |
| 1,300.0                                                    | 1,300.0               | 1,300.0               | 1,300.0               | 3.4              | 3.4           | -90.53                       | -0.6                                | -60.0        | 60.0                   | 53.7                    | 6.24                      | 9.609              |          |
| 1,400.0                                                    | 1,400.0               | 1,400.0               | 1,400.0               | 3.5              | 3.5           | -90.53                       | -0.6                                | -60.0        | 60.0                   | 53.7                    | 6.28                      | 9.547              |          |
| 1,500.0                                                    | 1,500.0               | 1,500.0               | 1,500.0               | 3.5              | 3.5           | -90.53                       | -0.6                                | -60.0        | 60.0                   | 53.7                    | 6.33                      | 9.483              |          |
| 1,600.0                                                    | 1,600.0               | 1,600.0               | 1,600.0               | 3.6              | 3.6           | -90.53                       | -0.6                                | -60.0        | 60.0                   | 53.6                    | 6.37                      | 9.415              |          |
| 1,700.0                                                    | 1,700.0               | 1,700.0               | 1,700.0               | 3.7              | 3.7           | -90.53                       | -0.6                                | -60.0        | 60.0                   | 53.6                    | 6.42                      | 9.344              |          |
| 1,800.0                                                    | 1,800.0               | 1,800.0               | 1,800.0               | 3.8              | 3.8           | -90.53                       | -0.6                                | -60.0        | 60.0                   | 53.5                    | 6.47                      | 9.270              |          |
| 1,900.0                                                    | 1,900.0               | 1,900.0               | 1,900.0               | 3.9              | 3.9           | -90.53                       | -0.6                                | -60.0        | 60.0                   | 53.5                    | 6.53                      | 9.194              |          |
| 2,000.0                                                    | 2,000.0               | 2,000.0               | 2,000.0               | 3.9              | 3.9           | -90.53                       | -0.6                                | -60.0        | 60.0                   | 53.4                    | 6.58                      | 9.115              |          |
| 2,100.0                                                    | 2,100.0               | 2,100.0               | 2,100.0               | 4.0              | 4.0           | -90.53                       | -0.6                                | -60.0        | 60.0                   | 53.4                    | 6.64                      | 9.035              |          |
| 2,200.0                                                    | 2,200.0               | 2,200.0               | 2,200.0               | 4.1              | 4.1           | -90.53                       | -0.6                                | -60.0        | 60.0                   | 53.3                    | 6.70                      | 8.953              |          |
| 2,300.0                                                    | 2,300.0               | 2,300.0               | 2,300.0               | 4.2              | 4.2           | -90.53                       | -0.6                                | -60.0        | 60.0                   | 53.2                    | 6.76                      | 8.869              |          |
| 2,400.0                                                    | 2,400.0               | 2,400.0               | 2,400.0               | 4.3              | 4.3           | -90.53                       | -0.6                                | -60.0        | 60.0                   | 53.2                    | 6.83                      | 8.784              |          |
| 2,500.0                                                    | 2,500.0               | 2,500.0               | 2,500.0               | 4.4              | 4.4           | -90.53                       | -0.6                                | -60.0        | 60.0                   | 53.1                    | 6.90                      | 8.697 CC, ES, SF   |          |
| 2,600.0                                                    | 2,600.0               | 2,597.9               | 2,597.9               | 4.5              | 4.5           | -90.52                       | -0.6                                | -61.7        | 61.7                   | 54.7                    | 6.97                      | 8.857              |          |
| 2,700.0                                                    | 2,700.0               | 2,695.6               | 2,695.4               | 4.6              | 4.5           | -90.48                       | -0.6                                | -66.7        | 66.8                   | 59.8                    | 7.04                      | 9.495              |          |
| 2,800.0                                                    | 2,800.0               | 2,793.9               | 2,793.5               | 4.7              | 4.5           | -90.43                       | -0.6                                | -74.7        | 75.0                   | 67.9                    | 7.12                      | 10.542             |          |
| 2,900.0                                                    | 2,900.0               | 2,893.6               | 2,892.7               | 4.8              | 4.6           | -90.38                       | -0.6                                | -83.4        | 83.7                   | 76.5                    | 7.20                      | 11.627             |          |
| 3,000.0                                                    | 3,000.0               | 2,993.2               | 2,991.9               | 4.9              | 4.6           | -90.35                       | -0.6                                | -92.1        | 92.4                   | 85.1                    | 7.29                      | 12.679             |          |
| 3,100.0                                                    | 3,100.0               | 3,092.8               | 3,091.2               | 5.0              | 4.6           | -90.32                       | -0.6                                | -100.8       | 101.2                  | 93.8                    | 7.39                      | 13.696             |          |
| 3,200.0                                                    | 3,200.0               | 3,192.4               | 3,190.4               | 5.1              | 4.7           | -90.29                       | -0.6                                | -109.5       | 109.9                  | 102.4                   | 7.49                      | 14.678             |          |
| 3,300.0                                                    | 3,300.0               | 3,292.0               | 3,289.7               | 5.2              | 4.7           | -90.27                       | -0.6                                | -118.1       | 118.6                  | 111.0                   | 7.59                      | 15.626             |          |
| 3,400.0                                                    | 3,400.0               | 3,391.7               | 3,388.9               | 5.3              | 4.8           | -90.25                       | -0.6                                | -126.8       | 127.3                  | 119.6                   | 7.70                      | 16.539             |          |
| 3,500.0                                                    | 3,500.0               | 3,491.3               | 3,488.1               | 5.4              | 4.9           | -90.24                       | -0.6                                | -135.5       | 136.0                  | 128.2                   | 7.81                      | 17.419             |          |
| 3,600.0                                                    | 3,600.0               | 3,590.9               | 3,587.4               | 5.5              | 4.9           | -90.22                       | -0.6                                | -144.2       | 144.7                  | 136.8                   | 7.92                      | 18.264             |          |
| 3,700.0                                                    | 3,700.0               | 3,690.5               | 3,686.6               | 5.7              | 5.0           | -90.21                       | -0.6                                | -152.9       | 153.4                  | 145.4                   | 8.04                      | 19.077             |          |
| 3,800.0                                                    | 3,800.0               | 3,790.1               | 3,785.9               | 5.8              | 5.0           | -90.20                       | -0.6                                | -161.5       | 162.2                  | 154.0                   | 8.17                      | 19.859             |          |
| 3,900.0                                                    | 3,900.0               | 3,889.8               | 3,885.1               | 5.9              | 5.1           | -90.19                       | -0.6                                | -170.2       | 170.9                  | 162.6                   | 8.29                      | 20.609             |          |
| 4,000.0                                                    | 4,000.0               | 3,889.4               | 3,984.3               | 6.0              | 5.2           | -90.18                       | -0.6                                | -178.9       | 179.6                  | 171.2                   | 8.42                      | 21.328             |          |
| 4,100.0                                                    | 4,100.0               | 4,089.0               | 4,083.6               | 6.1              | 5.3           | -90.17                       | -0.6                                | -187.6       | 188.3                  | 179.8                   | 8.55                      | 22.019             |          |
| 4,200.0                                                    | 4,200.0               | 4,188.6               | 4,182.8               | 6.2              | 5.3           | -90.16                       | -0.6                                | -196.3       | 197.0                  | 188.3                   | 8.69                      | 22.681             |          |
| 4,300.0                                                    | 4,300.0               | 4,288.2               | 4,282.1               | 6.3              | 5.4           | -90.16                       | -0.6                                | -205.0       | 205.7                  | 196.9                   | 8.82                      | 23.317             |          |
| 4,400.0                                                    | 4,400.0               | 4,387.9               | 4,381.3               | 6.5              | 5.5           | -90.15                       | -0.6                                | -213.6       | 214.5                  | 205.5                   | 8.96                      | 23.926             |          |
| 4,500.0                                                    | 4,500.0               | 4,487.5               | 4,480.5               | 6.6              | 5.6           | -90.14                       | -0.6                                | -222.3       | 223.2                  | 214.1                   | 9.11                      | 24.510             |          |
| 4,600.0                                                    | 4,600.0               | 4,587.1               | 4,579.8               | 6.7              | 5.7           | -90.14                       | -0.6                                | -231.0       | 231.9                  | 222.6                   | 9.25                      | 25.070             |          |
| 4,700.0                                                    | 4,700.0               | 4,686.7               | 4,679.0               | 6.8              | 5.7           | -90.13                       | -0.6                                | -239.7       | 240.6                  | 231.2                   | 9.40                      | 25.607             |          |
| 4,800.0                                                    | 4,800.0               | 4,786.3               | 4,778.3               | 6.9              | 5.8           | -90.13                       | -0.6                                | -248.4       | 249.3                  | 239.8                   | 9.54                      | 26.122             |          |
| 4,900.0                                                    | 4,900.0               | 4,886.0               | 4,877.5               | 7.0              | 5.9           | -90.12                       | -0.6                                | -257.1       | 258.0                  | 248.3                   | 9.69                      | 26.616             |          |
| 5,000.0                                                    | 5,000.0               | 4,985.6               | 4,976.8               | 7.2              | 6.0           | -90.12                       | -0.6                                | -265.7       | 266.8                  | 256.9                   | 9.85                      | 27.090             |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Concho Resources LLC

## Anticollision Report

|                           |                                           |                                     |                               |
|---------------------------|-------------------------------------------|-------------------------------------|-------------------------------|
| <b>Company:</b>           | DELAWARE BASIN EAST                       | <b>Local Co-ordinate Reference:</b> | Well BEDLINGTON FED COM 703H  |
| <b>Project:</b>           | BULLDOG PROSPECT (NM-E)                   | <b>TVD Reference:</b>               | KB=26' @ 3649.0usft (McVay 8) |
| <b>Reference Site:</b>    | BEDLINGTON FEDERAL PROJECT (BULLDOG 2332) | <b>MD Reference:</b>                | KB=26' @ 3649.0usft (McVay 8) |
| <b>Site Error:</b>        | 3.0 usft                                  | <b>North Reference:</b>             | Grid                          |
| <b>Reference Well:</b>    | BEDLINGTON FED COM 703H                   | <b>Survey Calculation Method:</b>   | Minimum Curvature             |
| <b>Well Error:</b>        | 3.0 usft                                  | <b>Output errors are at</b>         | 2.00 sigma                    |
| <b>Reference Wellbore</b> | OWB                                       | <b>Database:</b>                    | edm                           |
| <b>Reference Design:</b>  | PWP2                                      | <b>Offset TVD Reference:</b>        | Offset Datum                  |

| Offset Design                                              |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | BEDLINGTON FEDERAL PROJECT (BULLDOG 2332) - BEDLINGTON FED COM 701H - OWB - PWP |  | Offset Site Error: |  | 3.0 usft |
|------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|---------------------------------------------------------------------------------|--|--------------------|--|----------|
| Survey Program: 0-Standard Keeper 104, 11840-MWD+IFR1+FDIR |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Well Error:                                                              |  | 3.0 usft           |  |          |
| Reference                                                  |                       | Offset                |                       | Semi Major Axis  |               |                       | Distance                            |              |                        |                         |                           |                   |                                                                                 |  |                    |  |          |
| Measured Depth (usft)                                      | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | Warning                                                                         |  |                    |  |          |
| 5,100.0                                                    | 5,100.0               | 5,085.2               | 5,076.0               | 7.3              | 6.1           | -90.12                | -0.6                                | -274.4       | 275.5                  | 265.5                   | 10.00                     | 27.545            |                                                                                 |  |                    |  |          |
| 5,200.0                                                    | 5,200.0               | 5,184.8               | 5,175.2               | 7.4              | 6.2           | -90.11                | -0.6                                | -283.1       | 284.2                  | 274.0                   | 10.16                     | 27.981            |                                                                                 |  |                    |  |          |
| 5,300.0                                                    | 5,300.0               | 5,284.4               | 5,274.5               | 7.5              | 6.3           | -90.11                | -0.6                                | -291.8       | 292.9                  | 282.6                   | 10.31                     | 28.399            |                                                                                 |  |                    |  |          |
| 5,400.0                                                    | 5,400.0               | 5,384.1               | 5,373.7               | 7.6              | 6.4           | -90.11                | -0.6                                | -300.5       | 301.6                  | 291.1                   | 10.47                     | 28.801            |                                                                                 |  |                    |  |          |
| 5,500.0                                                    | 5,500.0               | 5,483.7               | 5,473.0               | 7.8              | 6.5           | -90.10                | -0.6                                | -309.1       | 310.3                  | 299.7                   | 10.63                     | 29.187            |                                                                                 |  |                    |  |          |
| 5,600.0                                                    | 5,600.0               | 5,583.1               | 5,572.0               | 7.8              | 6.6           | 160.77                | -0.6                                | -317.8       | 320.7                  | 309.9                   | 10.80                     | 29.701            |                                                                                 |  |                    |  |          |
| 5,700.0                                                    | 5,699.8               | 5,682.2               | 5,670.7               | 7.8              | 6.7           | 160.98                | -0.6                                | -326.4       | 334.3                  | 323.3                   | 10.97                     | 30.477            |                                                                                 |  |                    |  |          |
| 5,740.7                                                    | 5,740.4               | 5,722.3               | 5,710.7               | 7.8              | 6.7           | 161.10                | -0.6                                | -329.9       | 340.8                  | 329.8                   | 11.04                     | 30.866            |                                                                                 |  |                    |  |          |
| 5,800.0                                                    | 5,799.5               | 5,780.8               | 5,768.9               | 7.9              | 6.8           | 161.36                | -0.6                                | -335.0       | 350.7                  | 339.5                   | 11.15                     | 31.457            |                                                                                 |  |                    |  |          |
| 5,900.0                                                    | 5,899.2               | 5,879.4               | 5,867.2               | 7.9              | 6.9           | 161.76                | -0.6                                | -343.6       | 367.3                  | 355.9                   | 11.33                     | 32.426            |                                                                                 |  |                    |  |          |
| 6,000.0                                                    | 5,998.8               | 5,978.0               | 5,965.4               | 7.9              | 7.0           | 162.13                | -0.6                                | -352.2       | 383.9                  | 372.4                   | 11.51                     | 33.362            |                                                                                 |  |                    |  |          |
| 6,100.0                                                    | 6,098.4               | 6,076.5               | 6,063.6               | 7.9              | 7.1           | 162.47                | -0.6                                | -360.8       | 400.6                  | 388.9                   | 11.69                     | 34.266            |                                                                                 |  |                    |  |          |
| 6,200.0                                                    | 6,198.1               | 6,175.1               | 6,161.8               | 7.9              | 7.2           | 162.78                | -0.6                                | -369.4       | 417.2                  | 405.4                   | 11.87                     | 35.139            |                                                                                 |  |                    |  |          |
| 6,300.0                                                    | 6,297.7               | 6,273.7               | 6,260.0               | 7.9              | 7.3           | 163.06                | -0.6                                | -378.0       | 433.9                  | 421.8                   | 12.06                     | 35.981            |                                                                                 |  |                    |  |          |
| 6,400.0                                                    | 6,397.4               | 6,372.3               | 6,358.2               | 8.0              | 7.4           | 163.33                | -0.6                                | -386.6       | 450.6                  | 438.3                   | 12.25                     | 36.793            |                                                                                 |  |                    |  |          |
| 6,500.0                                                    | 6,497.0               | 6,470.8               | 6,456.4               | 8.0              | 7.5           | 163.58                | -0.6                                | -395.2       | 467.3                  | 454.9                   | 12.44                     | 37.576            |                                                                                 |  |                    |  |          |
| 6,600.0                                                    | 6,596.7               | 6,569.4               | 6,554.6               | 8.0              | 7.6           | 163.81                | -0.6                                | -403.8       | 484.0                  | 471.4                   | 12.63                     | 38.331            |                                                                                 |  |                    |  |          |
| 6,700.0                                                    | 6,696.3               | 6,668.0               | 6,652.8               | 8.1              | 7.7           | 164.02                | -0.6                                | -412.4       | 500.7                  | 487.9                   | 12.82                     | 39.058            |                                                                                 |  |                    |  |          |
| 6,800.0                                                    | 6,796.0               | 6,766.6               | 6,751.0               | 8.1              | 7.8           | 164.22                | -0.6                                | -421.0       | 517.4                  | 504.4                   | 13.01                     | 39.760            |                                                                                 |  |                    |  |          |
| 6,900.0                                                    | 6,895.6               | 6,865.1               | 6,849.2               | 8.1              | 7.9           | 164.41                | -0.6                                | -429.6       | 534.1                  | 520.9                   | 13.21                     | 40.435            |                                                                                 |  |                    |  |          |
| 7,000.0                                                    | 6,995.3               | 6,963.7               | 6,947.4               | 8.2              | 8.0           | 164.58                | -0.6                                | -438.1       | 550.9                  | 537.5                   | 13.41                     | 41.086            |                                                                                 |  |                    |  |          |
| 7,100.0                                                    | 7,094.9               | 7,062.3               | 7,045.6               | 8.2              | 8.1           | 164.75                | -0.6                                | -446.7       | 567.6                  | 554.0                   | 13.61                     | 41.714            |                                                                                 |  |                    |  |          |
| 7,200.0                                                    | 7,194.6               | 7,160.9               | 7,143.8               | 8.2              | 8.3           | 164.91                | -0.6                                | -455.3       | 584.3                  | 570.5                   | 13.81                     | 42.318            |                                                                                 |  |                    |  |          |
| 7,300.0                                                    | 7,294.2               | 7,259.5               | 7,242.0               | 8.3              | 8.4           | 165.05                | -0.6                                | -463.9       | 601.1                  | 587.1                   | 14.01                     | 42.900            |                                                                                 |  |                    |  |          |
| 7,400.0                                                    | 7,393.9               | 7,358.0               | 7,340.2               | 8.3              | 8.5           | 165.19                | -0.6                                | -472.5       | 617.8                  | 603.6                   | 14.22                     | 43.461            |                                                                                 |  |                    |  |          |
| 7,500.0                                                    | 7,493.5               | 7,456.6               | 7,438.4               | 8.4              | 8.6           | 165.33                | -0.6                                | -481.1       | 634.6                  | 620.1                   | 14.42                     | 44.001            |                                                                                 |  |                    |  |          |
| 7,600.0                                                    | 7,593.2               | 7,555.2               | 7,536.6               | 8.4              | 8.7           | 165.45                | -0.6                                | -489.7       | 651.3                  | 636.7                   | 14.63                     | 44.521            |                                                                                 |  |                    |  |          |
| 7,700.0                                                    | 7,692.8               | 7,653.8               | 7,634.8               | 8.5              | 8.8           | 165.57                | -0.6                                | -498.3       | 668.1                  | 653.2                   | 14.84                     | 45.022            |                                                                                 |  |                    |  |          |
| 7,800.0                                                    | 7,792.5               | 7,752.3               | 7,733.0               | 8.5              | 8.9           | 165.69                | -0.6                                | -506.9       | 684.8                  | 669.8                   | 15.05                     | 45.505            |                                                                                 |  |                    |  |          |
| 7,900.0                                                    | 7,892.1               | 7,850.9               | 7,831.2               | 8.6              | 9.0           | 165.79                | -0.6                                | -515.5       | 701.6                  | 686.3                   | 15.26                     | 45.971            |                                                                                 |  |                    |  |          |
| 8,000.0                                                    | 7,991.7               | 7,949.5               | 7,929.4               | 8.7              | 9.2           | 165.90                | -0.6                                | -524.1       | 718.3                  | 702.9                   | 15.48                     | 46.419            |                                                                                 |  |                    |  |          |
| 8,100.0                                                    | 8,091.4               | 8,048.1               | 8,027.6               | 8.7              | 9.3           | 165.99                | -0.6                                | -532.6       | 735.1                  | 719.4                   | 15.69                     | 46.851            |                                                                                 |  |                    |  |          |
| 8,200.0                                                    | 8,191.0               | 8,146.7               | 8,125.8               | 8.8              | 9.4           | 166.09                | -0.6                                | -541.2       | 751.9                  | 736.0                   | 15.91                     | 47.268            |                                                                                 |  |                    |  |          |
| 8,300.0                                                    | 8,290.7               | 8,245.2               | 8,224.0               | 8.8              | 9.5           | 166.18                | -0.6                                | -549.8       | 768.6                  | 752.5                   | 16.12                     | 47.669            |                                                                                 |  |                    |  |          |
| 8,400.0                                                    | 8,390.3               | 8,343.8               | 8,322.2               | 8.9              | 9.6           | 166.26                | -0.6                                | -558.4       | 785.4                  | 769.1                   | 16.34                     | 48.057            |                                                                                 |  |                    |  |          |
| 8,500.0                                                    | 8,490.0               | 8,442.4               | 8,420.4               | 9.0              | 9.7           | 166.35                | -0.6                                | -567.0       | 802.2                  | 785.6                   | 16.56                     | 48.430            |                                                                                 |  |                    |  |          |
| 8,600.0                                                    | 8,589.6               | 8,541.0               | 8,518.6               | 9.0              | 9.8           | 166.43                | -0.6                                | -575.6       | 818.9                  | 802.2                   | 16.79                     | 48.790            |                                                                                 |  |                    |  |          |
| 8,700.0                                                    | 8,689.3               | 8,639.5               | 8,616.8               | 9.1              | 10.0          | 166.50                | -0.6                                | -584.2       | 835.7                  | 818.7                   | 17.01                     | 49.137            |                                                                                 |  |                    |  |          |
| 8,800.0                                                    | 8,788.9               | 8,738.1               | 8,715.0               | 9.2              | 10.1          | 166.57                | -0.6                                | -592.8       | 852.5                  | 835.3                   | 17.23                     | 49.472            |                                                                                 |  |                    |  |          |
| 8,900.0                                                    | 8,888.6               | 8,836.7               | 8,813.2               | 9.3              | 10.2          | 166.64                | -0.6                                | -601.4       | 869.3                  | 851.8                   | 17.46                     | 49.795            |                                                                                 |  |                    |  |          |
| 9,000.0                                                    | 8,988.2               | 8,935.3               | 8,911.4               | 9.3              | 10.3          | 166.71                | -0.6                                | -610.0       | 886.1                  | 868.4                   | 17.68                     | 50.107            |                                                                                 |  |                    |  |          |
| 9,100.0                                                    | 9,087.9               | 9,033.9               | 9,009.6               | 9.4              | 10.4          | 166.78                | -0.6                                | -618.6       | 902.8                  | 884.9                   | 17.91                     | 50.408            |                                                                                 |  |                    |  |          |
| 9,200.0                                                    | 9,187.5               | 9,132.4               | 9,107.8               | 9.5              | 10.6          | 166.84                | -0.6                                | -627.2       | 919.6                  | 901.5                   | 18.14                     | 50.699            |                                                                                 |  |                    |  |          |
| 9,300.0                                                    | 9,287.2               | 9,231.0               | 9,206.0               | 9.6              | 10.7          | 166.90                | -0.6                                | -635.7       | 936.4                  | 918.0                   | 18.37                     | 50.980            |                                                                                 |  |                    |  |          |
| 9,400.0                                                    | 9,386.8               | 9,329.6               | 9,304.2               | 9.7              | 10.8          | 166.96                | -0.6                                | -644.3       | 953.2                  | 934.6                   | 18.60                     | 51.251            |                                                                                 |  |                    |  |          |
| 9,500.0                                                    | 9,486.5               | 9,428.2               | 9,402.4               | 9.7              | 10.9          | 167.01                | -0.6                                | -652.9       | 970.0                  | 951.1                   | 18.83                     | 51.512            |                                                                                 |  |                    |  |          |
| 9,600.0                                                    | 9,586.1               | 9,526.7               | 9,500.6               | 9.8              | 11.0          | 167.07                | -0.6                                | -661.5       | 986.7                  | 967.7                   | 19.06                     | 51.765            |                                                                                 |  |                    |  |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Concho Resources LLC

## Anticollision Report

|                           |                                           |                                     |                               |
|---------------------------|-------------------------------------------|-------------------------------------|-------------------------------|
| <b>Company:</b>           | DELAWARE BASIN EAST                       | <b>Local Co-ordinate Reference:</b> | Well BEDLINGTON FED COM 703H  |
| <b>Project:</b>           | BULLDOG PROSPECT (NM-E)                   | <b>TVD Reference:</b>               | KB=26' @ 3649.0usft (McVay 8) |
| <b>Reference Site:</b>    | BEDLINGTON FEDERAL PROJECT (BULLDOG 2332) | <b>MD Reference:</b>                | KB=26' @ 3649.0usft (McVay 8) |
| <b>Site Error:</b>        | 3.0 usft                                  | <b>North Reference:</b>             | Grid                          |
| <b>Reference Well:</b>    | BEDLINGTON FED COM 703H                   | <b>Survey Calculation Method:</b>   | Minimum Curvature             |
| <b>Well Error:</b>        | 3.0 usft                                  | <b>Output errors are at</b>         | 2.00 sigma                    |
| <b>Reference Wellbore</b> | OWB                                       | <b>Database:</b>                    | edm                           |
| <b>Reference Design:</b>  | PWP2                                      | <b>Offset TVD Reference:</b>        | Offset Datum                  |

| Offset Design                                              |                       |                       |                       |                  |               |                       |                                     |                 |                        |                         |                           | Offset Site Error: | 3.0 usft |
|------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|-----------------|------------------------|-------------------------|---------------------------|--------------------|----------|
| Survey Program: 0-Standard Keeper 104, 11787-MWD+IFR1+FDIR |                       |                       |                       |                  |               |                       |                                     |                 |                        |                         |                           | Offset Well Error: | 3.0 usft |
| Reference                                                  |                       |                       |                       | Offset           |               |                       |                                     | Semi Major Axis |                        |                         |                           | Distance           |          |
| Measured Depth (usft)                                      | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft)    | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor  | Warning  |
| 0.0                                                        | 0.0                   | 0.0                   | 0.0                   | 3.0              | 3.0           | -90.57                | -0.3                                | -30.0           | 30.0                   |                         |                           |                    |          |
| 100.0                                                      | 100.0                 | 100.0                 | 100.0                 | 3.0              | 3.0           | -90.57                | -0.3                                | -30.0           | 30.0                   | 24.0                    | 6.00                      | 5.003              |          |
| 200.0                                                      | 200.0                 | 200.0                 | 200.0                 | 3.0              | 3.0           | -90.57                | -0.3                                | -30.0           | 30.0                   | 24.0                    | 6.00                      | 5.001              |          |
| 300.0                                                      | 300.0                 | 300.0                 | 300.0                 | 3.0              | 3.0           | -90.57                | -0.3                                | -30.0           | 30.0                   | 24.0                    | 6.01                      | 4.996              |          |
| 400.0                                                      | 400.0                 | 400.0                 | 400.0                 | 3.0              | 3.0           | -90.57                | -0.3                                | -30.0           | 30.0                   | 24.0                    | 6.02                      | 4.988              |          |
| 500.0                                                      | 500.0                 | 500.0                 | 500.0                 | 3.1              | 3.1           | -90.57                | -0.3                                | -30.0           | 30.0                   | 24.0                    | 6.03                      | 4.978              |          |
| 600.0                                                      | 600.0                 | 600.0                 | 600.0                 | 3.1              | 3.1           | -90.57                | -0.3                                | -30.0           | 30.0                   | 24.0                    | 6.05                      | 4.965              |          |
| 700.0                                                      | 700.0                 | 700.0                 | 700.0                 | 3.1              | 3.1           | -90.57                | -0.3                                | -30.0           | 30.0                   | 24.0                    | 6.07                      | 4.949              |          |
| 800.0                                                      | 800.0                 | 800.0                 | 800.0                 | 3.2              | 3.2           | -90.57                | -0.3                                | -30.0           | 30.0                   | 23.9                    | 6.09                      | 4.932              |          |
| 900.0                                                      | 900.0                 | 900.0                 | 900.0                 | 3.2              | 3.2           | -90.57                | -0.3                                | -30.0           | 30.0                   | 23.9                    | 6.11                      | 4.911              |          |
| 1,000.0                                                    | 1,000.0               | 1,000.0               | 1,000.0               | 3.2              | 3.2           | -90.57                | -0.3                                | -30.0           | 30.0                   | 23.9                    | 6.14                      | 4.889              |          |
| 1,100.0                                                    | 1,100.0               | 1,100.0               | 1,100.0               | 3.3              | 3.3           | -90.57                | -0.3                                | -30.0           | 30.0                   | 23.8                    | 6.17                      | 4.864              |          |
| 1,200.0                                                    | 1,200.0               | 1,200.0               | 1,200.0               | 3.4              | 3.4           | -90.57                | -0.3                                | -30.0           | 30.0                   | 23.8                    | 6.21                      | 4.837              |          |
| 1,300.0                                                    | 1,300.0               | 1,300.0               | 1,300.0               | 3.4              | 3.4           | -90.57                | -0.3                                | -30.0           | 30.0                   | 23.8                    | 6.24                      | 4.808              |          |
| 1,400.0                                                    | 1,400.0               | 1,400.0               | 1,400.0               | 3.5              | 3.5           | -90.57                | -0.3                                | -30.0           | 30.0                   | 23.7                    | 6.28                      | 4.778              |          |
| 1,500.0                                                    | 1,500.0               | 1,500.0               | 1,500.0               | 3.5              | 3.5           | -90.57                | -0.3                                | -30.0           | 30.0                   | 23.7                    | 6.33                      | 4.745              |          |
| 1,600.0                                                    | 1,600.0               | 1,600.0               | 1,600.0               | 3.6              | 3.6           | -90.57                | -0.3                                | -30.0           | 30.0                   | 23.6                    | 6.37                      | 4.711              |          |
| 1,700.0                                                    | 1,700.0               | 1,700.0               | 1,700.0               | 3.7              | 3.7           | -90.57                | -0.3                                | -30.0           | 30.0                   | 23.6                    | 6.42                      | 4.676              |          |
| 1,800.0                                                    | 1,800.0               | 1,800.0               | 1,800.0               | 3.8              | 3.8           | -90.57                | -0.3                                | -30.0           | 30.0                   | 23.5                    | 6.47                      | 4.639              |          |
| 1,900.0                                                    | 1,900.0               | 1,900.0               | 1,900.0               | 3.9              | 3.9           | -90.57                | -0.3                                | -30.0           | 30.0                   | 23.5                    | 6.53                      | 4.601              |          |
| 2,000.0                                                    | 2,000.0               | 2,000.0               | 2,000.0               | 3.9              | 3.9           | -90.57                | -0.3                                | -30.0           | 30.0                   | 23.4                    | 6.58                      | 4.561              |          |
| 2,100.0                                                    | 2,100.0               | 2,100.0               | 2,100.0               | 4.0              | 4.0           | -90.57                | -0.3                                | -30.0           | 30.0                   | 23.4                    | 6.64                      | 4.521              |          |
| 2,200.0                                                    | 2,200.0               | 2,200.0               | 2,200.0               | 4.1              | 4.1           | -90.57                | -0.3                                | -30.0           | 30.0                   | 23.3                    | 6.70                      | 4.480              |          |
| 2,300.0                                                    | 2,300.0               | 2,300.0               | 2,300.0               | 4.2              | 4.2           | -90.57                | -0.3                                | -30.0           | 30.0                   | 23.3                    | 6.76                      | 4.438              |          |
| 2,400.0                                                    | 2,400.0               | 2,400.0               | 2,400.0               | 4.3              | 4.3           | -90.57                | -0.3                                | -30.0           | 30.0                   | 23.2                    | 6.83                      | 4.395              |          |
| 2,500.0                                                    | 2,500.0               | 2,500.0               | 2,500.0               | 4.4              | 4.4           | -90.57                | -0.3                                | -30.0           | 30.0                   | 23.1                    | 6.90                      | 4.352              |          |
| 2,600.0                                                    | 2,600.0               | 2,600.0               | 2,600.0               | 4.5              | 4.5           | -90.57                | -0.3                                | -30.0           | 30.0                   | 23.1                    | 6.97                      | 4.309              |          |
| 2,700.0                                                    | 2,700.0               | 2,700.0               | 2,700.0               | 4.6              | 4.6           | -90.57                | -0.3                                | -30.0           | 30.0                   | 23.0                    | 7.04                      | 4.264              |          |
| 2,800.0                                                    | 2,800.0               | 2,800.0               | 2,800.0               | 4.7              | 4.7           | -90.57                | -0.3                                | -30.0           | 30.0                   | 22.9                    | 7.11                      | 4.220              |          |
| 2,900.0                                                    | 2,900.0               | 2,900.0               | 2,900.0               | 4.8              | 4.8           | -90.57                | -0.3                                | -30.0           | 30.0                   | 22.8                    | 7.19                      | 4.175              |          |
| 3,000.0                                                    | 3,000.0               | 3,000.0               | 3,000.0               | 4.9              | 4.9           | -90.57                | -0.3                                | -30.0           | 30.0                   | 22.8                    | 7.27                      | 4.131              |          |
| 3,100.0                                                    | 3,100.0               | 3,100.0               | 3,100.0               | 5.0              | 5.0           | -90.57                | -0.3                                | -30.0           | 30.0                   | 22.7                    | 7.35                      | 4.086              |          |
| 3,200.0                                                    | 3,200.0               | 3,200.0               | 3,200.0               | 5.1              | 5.1           | -90.57                | -0.3                                | -30.0           | 30.0                   | 22.6                    | 7.43                      | 4.041              |          |
| 3,300.0                                                    | 3,300.0               | 3,300.0               | 3,300.0               | 5.2              | 5.2           | -90.57                | -0.3                                | -30.0           | 30.0                   | 22.5                    | 7.51                      | 3.996              |          |
| 3,400.0                                                    | 3,400.0               | 3,400.0               | 3,400.0               | 5.3              | 5.3           | -90.57                | -0.3                                | -30.0           | 30.0                   | 22.4                    | 7.60                      | 3.952              |          |
| 3,500.0                                                    | 3,500.0               | 3,500.0               | 3,500.0               | 5.4              | 5.4           | -90.57                | -0.3                                | -30.0           | 30.0                   | 22.3                    | 7.68                      | 3.907              |          |
| 3,600.0                                                    | 3,600.0               | 3,600.0               | 3,600.0               | 5.5              | 5.5           | -90.57                | -0.3                                | -30.0           | 30.0                   | 22.3                    | 7.77                      | 3.863              |          |
| 3,700.0                                                    | 3,700.0               | 3,700.0               | 3,700.0               | 5.7              | 5.7           | -90.57                | -0.3                                | -30.0           | 30.0                   | 22.2                    | 7.86                      | 3.819              |          |
| 3,800.0                                                    | 3,800.0               | 3,800.0               | 3,800.0               | 5.8              | 5.8           | -90.57                | -0.3                                | -30.0           | 30.0                   | 22.1                    | 7.95                      | 3.775              |          |
| 3,900.0                                                    | 3,900.0               | 3,900.0               | 3,900.0               | 5.9              | 5.9           | -90.57                | -0.3                                | -30.0           | 30.0                   | 22.0                    | 8.04                      | 3.732              |          |
| 4,000.0                                                    | 4,000.0               | 4,000.0               | 4,000.0               | 6.0              | 6.0           | -90.57                | -0.3                                | -30.0           | 30.0                   | 21.9                    | 8.14                      | 3.689              |          |
| 4,100.0                                                    | 4,100.0               | 4,100.0               | 4,100.0               | 6.1              | 6.1           | -90.57                | -0.3                                | -30.0           | 30.0                   | 21.8                    | 8.23                      | 3.647              |          |
| 4,200.0                                                    | 4,200.0               | 4,200.0               | 4,200.0               | 6.2              | 6.2           | -90.57                | -0.3                                | -30.0           | 30.0                   | 21.7                    | 8.33                      | 3.604              |          |
| 4,300.0                                                    | 4,300.0               | 4,300.0               | 4,300.0               | 6.3              | 6.3           | -90.57                | -0.3                                | -30.0           | 30.0                   | 21.6                    | 8.43                      | 3.563              |          |
| 4,400.0                                                    | 4,400.0               | 4,400.0               | 4,400.0               | 6.5              | 6.5           | -90.57                | -0.3                                | -30.0           | 30.0                   | 21.5                    | 8.53                      | 3.521              |          |
| 4,500.0                                                    | 4,500.0               | 4,500.0               | 4,500.0               | 6.6              | 6.6           | -90.57                | -0.3                                | -30.0           | 30.0                   | 21.4                    | 8.62                      | 3.481              |          |
| 4,600.0                                                    | 4,600.0               | 4,600.0               | 4,600.0               | 6.7              | 6.7           | -90.57                | -0.3                                | -30.0           | 30.0                   | 21.3                    | 8.73                      | 3.441              |          |
| 4,700.0                                                    | 4,700.0               | 4,700.0               | 4,700.0               | 6.8              | 6.8           | -90.57                | -0.3                                | -30.0           | 30.0                   | 21.2                    | 8.83                      | 3.401              |          |
| 4,800.0                                                    | 4,800.0               | 4,800.0               | 4,800.0               | 6.9              | 6.9           | -90.57                | -0.3                                | -30.0           | 30.0                   | 21.1                    | 8.93                      | 3.362              |          |
| 4,900.0                                                    | 4,900.0               | 4,900.0               | 4,900.0               | 7.0              | 7.0           | -90.57                | -0.3                                | -30.0           | 30.0                   | 21.0                    | 9.03                      | 3.323              |          |
| 5,000.0                                                    | 5,000.0               | 5,000.0               | 5,000.0               | 7.2              | 7.2           | -90.57                | -0.3                                | -30.0           | 30.0                   | 20.9                    | 9.14                      | 3.285              |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Concho Resources LLC

## Anticollision Report

|                           |                                           |                                     |                               |
|---------------------------|-------------------------------------------|-------------------------------------|-------------------------------|
| <b>Company:</b>           | DELAWARE BASIN EAST                       | <b>Local Co-ordinate Reference:</b> | Well BEDLINGTON FED COM 703H  |
| <b>Project:</b>           | BULLDOG PROSPECT (NM-E)                   | <b>TVD Reference:</b>               | KB=26' @ 3649.0usft (McVay 8) |
| <b>Reference Site:</b>    | BEDLINGTON FEDERAL PROJECT (BULLDOG 2332) | <b>MD Reference:</b>                | KB=26' @ 3649.0usft (McVay 8) |
| <b>Site Error:</b>        | 3.0 usft                                  | <b>North Reference:</b>             | Grid                          |
| <b>Reference Well:</b>    | BEDLINGTON FED COM 703H                   | <b>Survey Calculation Method:</b>   | Minimum Curvature             |
| <b>Well Error:</b>        | 3.0 usft                                  | <b>Output errors are at</b>         | 2.00 sigma                    |
| <b>Reference Wellbore</b> | OWB                                       | <b>Database:</b>                    | edm                           |
| <b>Reference Design:</b>  | PWP2                                      | <b>Offset TVD Reference:</b>        | Offset Datum                  |

| Offset Design                                              |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Site Error: | 3.0 usft |
|------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|----------|
| Survey Program: 0-Standard Keeper 104, 11787-MWD+IFR1+FDIR |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Well Error: | 3.0 usft |
| Reference                                                  |                       | Offset                |                       | Semi Major Axis  |               |                       | Distance                            |              |                        |                         |                           |                   |                    | Warning  |
| Measured Depth (usft)                                      | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor |                    |          |
| 5,100.0                                                    | 5,100.0               | 5,100.0               | 5,100.0               | 7.3              | 7.3           | -90.57                | -0.3                                | -30.0        | 30.0                   | 20.8                    | 9.25                      | 3.247             |                    |          |
| 5,200.0                                                    | 5,200.0               | 5,200.0               | 5,200.0               | 7.4              | 7.4           | -90.57                | -0.3                                | -30.0        | 30.0                   | 20.7                    | 9.35                      | 3.210             |                    |          |
| 5,300.0                                                    | 5,300.0               | 5,300.0               | 5,300.0               | 7.5              | 7.5           | -90.57                | -0.3                                | -30.0        | 30.0                   | 20.6                    | 9.46                      | 3.174             |                    |          |
| 5,400.0                                                    | 5,400.0               | 5,400.0               | 5,400.0               | 7.6              | 7.6           | -90.57                | -0.3                                | -30.0        | 30.0                   | 20.5                    | 9.57                      | 3.138             |                    |          |
| 5,500.0                                                    | 5,500.0               | 5,500.0               | 5,500.0               | 7.8              | 7.8           | -90.57                | -0.3                                | -30.0        | 30.0                   | 20.3                    | 9.68                      | 3.102 CC, ES, SF  |                    |          |
| 5,600.0                                                    | 5,600.0               | 5,599.0               | 5,599.0               | 7.8              | 7.8           | 159.79                | -1.2                                | -31.5        | 33.2                   | 23.4                    | 9.80                      | 3.386             |                    |          |
| 5,700.0                                                    | 5,699.8               | 5,697.9               | 5,697.8               | 7.8              | 7.8           | 158.92                | -3.6                                | -35.7        | 42.4                   | 32.4                    | 9.93                      | 4.268             |                    |          |
| 5,740.7                                                    | 5,740.4               | 5,738.3               | 5,738.1               | 7.8              | 7.8           | 158.94                | -4.8                                | -37.7        | 47.3                   | 37.3                    | 9.98                      | 4.740             |                    |          |
| 5,800.0                                                    | 5,799.5               | 5,797.1               | 5,796.8               | 7.9              | 7.8           | 159.15                | -6.4                                | -40.5        | 54.8                   | 44.8                    | 10.05                     | 5.459             |                    |          |
| 5,900.0                                                    | 5,899.2               | 5,896.3               | 5,895.8               | 7.9              | 7.8           | 159.41                | -9.2                                | -45.3        | 67.6                   | 57.4                    | 10.17                     | 6.645             |                    |          |
| 6,000.0                                                    | 5,998.8               | 5,995.5               | 5,994.9               | 7.9              | 7.8           | 159.58                | -12.0                               | -50.1        | 80.3                   | 70.0                    | 10.29                     | 7.800             |                    |          |
| 6,100.0                                                    | 6,098.4               | 6,094.7               | 6,093.9               | 7.9              | 7.8           | 159.71                | -14.8                               | -54.9        | 93.0                   | 82.6                    | 10.43                     | 8.922             |                    |          |
| 6,200.0                                                    | 6,198.1               | 6,193.9               | 6,192.9               | 7.9              | 7.8           | 159.81                | -17.6                               | -59.7        | 105.8                  | 95.2                    | 10.56                     | 10.013            |                    |          |
| 6,300.0                                                    | 6,297.7               | 6,293.0               | 6,292.0               | 7.9              | 7.8           | 159.88                | -20.4                               | -64.5        | 118.5                  | 107.8                   | 10.70                     | 11.072            |                    |          |
| 6,400.0                                                    | 6,397.4               | 6,392.2               | 6,391.0               | 8.0              | 7.8           | 159.94                | -23.2                               | -69.3        | 131.2                  | 120.4                   | 10.85                     | 12.099            |                    |          |
| 6,500.0                                                    | 6,497.0               | 6,491.4               | 6,490.0               | 8.0              | 7.8           | 159.99                | -26.0                               | -74.0        | 144.0                  | 133.0                   | 10.99                     | 13.095            |                    |          |
| 6,600.0                                                    | 6,596.7               | 6,590.6               | 6,589.1               | 8.0              | 7.9           | 160.03                | -28.8                               | -78.8        | 156.7                  | 145.5                   | 11.14                     | 14.060            |                    |          |
| 6,700.0                                                    | 6,696.3               | 6,689.8               | 6,688.1               | 8.1              | 7.9           | 160.07                | -31.6                               | -83.6        | 169.4                  | 158.1                   | 11.30                     | 14.995            |                    |          |
| 6,800.0                                                    | 6,796.0               | 6,789.0               | 6,787.1               | 8.1              | 7.9           | 160.10                | -34.4                               | -88.4        | 182.2                  | 170.7                   | 11.46                     | 15.901            |                    |          |
| 6,900.0                                                    | 6,895.6               | 6,888.2               | 6,886.2               | 8.1              | 7.9           | 160.13                | -37.2                               | -93.2        | 194.9                  | 183.3                   | 11.62                     | 16.777            |                    |          |
| 7,000.0                                                    | 6,995.3               | 6,987.3               | 6,985.2               | 8.2              | 7.9           | 160.15                | -40.0                               | -98.0        | 207.6                  | 195.8                   | 11.78                     | 17.626            |                    |          |
| 7,100.0                                                    | 7,094.9               | 7,086.5               | 7,084.2               | 8.2              | 8.0           | 160.17                | -42.8                               | -102.8       | 220.4                  | 208.4                   | 11.95                     | 18.446            |                    |          |
| 7,200.0                                                    | 7,194.6               | 7,185.7               | 7,183.2               | 8.2              | 8.0           | 160.19                | -45.6                               | -107.6       | 233.1                  | 221.0                   | 12.11                     | 19.240            |                    |          |
| 7,300.0                                                    | 7,294.2               | 7,284.9               | 7,282.3               | 8.3              | 8.0           | 160.21                | -48.3                               | -112.4       | 245.8                  | 233.5                   | 12.29                     | 20.007            |                    |          |
| 7,400.0                                                    | 7,393.9               | 7,384.1               | 7,381.3               | 8.3              | 8.0           | 160.22                | -51.1                               | -117.2       | 258.6                  | 246.1                   | 12.46                     | 20.750            |                    |          |
| 7,500.0                                                    | 7,493.5               | 7,483.3               | 7,480.3               | 8.4              | 8.1           | 160.24                | -53.9                               | -122.0       | 271.3                  | 258.7                   | 12.64                     | 21.467            |                    |          |
| 7,600.0                                                    | 7,593.2               | 7,582.5               | 7,579.4               | 8.4              | 8.1           | 160.25                | -56.7                               | -126.8       | 284.0                  | 271.2                   | 12.82                     | 22.161            |                    |          |
| 7,700.0                                                    | 7,692.8               | 7,681.6               | 7,678.4               | 8.5              | 8.1           | 160.26                | -59.5                               | -131.6       | 296.8                  | 283.8                   | 13.00                     | 22.832            |                    |          |
| 7,800.0                                                    | 7,792.5               | 7,780.8               | 7,777.4               | 8.5              | 8.2           | 160.27                | -62.3                               | -136.3       | 309.5                  | 296.3                   | 13.18                     | 23.480            |                    |          |
| 7,900.0                                                    | 7,892.1               | 7,880.0               | 7,876.5               | 8.6              | 8.2           | 160.28                | -65.1                               | -141.1       | 322.2                  | 308.9                   | 13.37                     | 24.107            |                    |          |
| 8,000.0                                                    | 7,991.7               | 7,979.2               | 7,975.5               | 8.7              | 8.3           | 160.29                | -67.9                               | -145.9       | 335.0                  | 321.4                   | 13.55                     | 24.713            |                    |          |
| 8,100.0                                                    | 8,091.4               | 8,078.4               | 8,074.5               | 8.7              | 8.3           | 160.30                | -70.7                               | -150.7       | 347.7                  | 333.9                   | 13.74                     | 25.298            |                    |          |
| 8,200.0                                                    | 8,191.0               | 8,177.6               | 8,173.6               | 8.8              | 8.4           | 160.30                | -73.5                               | -155.5       | 360.4                  | 346.5                   | 13.93                     | 25.865            |                    |          |
| 8,300.0                                                    | 8,290.7               | 8,276.8               | 8,272.6               | 8.8              | 8.4           | 160.31                | -76.3                               | -160.3       | 373.2                  | 359.0                   | 14.13                     | 26.412            |                    |          |
| 8,400.0                                                    | 8,390.3               | 8,376.0               | 8,371.6               | 8.9              | 8.5           | 160.32                | -79.1                               | -165.1       | 385.9                  | 371.6                   | 14.32                     | 26.942            |                    |          |
| 8,500.0                                                    | 8,490.0               | 8,475.1               | 8,470.6               | 9.0              | 8.5           | 160.32                | -81.9                               | -169.9       | 398.6                  | 384.1                   | 14.52                     | 27.454            |                    |          |
| 8,600.0                                                    | 8,589.6               | 8,574.3               | 8,569.7               | 9.0              | 8.6           | 160.33                | -84.7                               | -174.7       | 411.4                  | 396.6                   | 14.72                     | 27.949            |                    |          |
| 8,700.0                                                    | 8,689.3               | 8,673.5               | 8,668.7               | 9.1              | 8.6           | 160.33                | -87.5                               | -179.5       | 424.1                  | 409.2                   | 14.92                     | 28.429            |                    |          |
| 8,800.0                                                    | 8,788.9               | 8,772.7               | 8,767.7               | 9.2              | 8.7           | 160.34                | -90.3                               | -184.3       | 436.8                  | 421.7                   | 15.12                     | 28.892            |                    |          |
| 8,900.0                                                    | 8,888.6               | 8,871.9               | 8,866.8               | 9.3              | 8.7           | 160.34                | -93.1                               | -189.1       | 449.6                  | 434.2                   | 15.32                     | 29.341            |                    |          |
| 9,000.0                                                    | 8,988.2               | 8,971.1               | 8,965.8               | 9.3              | 8.8           | 160.35                | -95.9                               | -193.9       | 462.3                  | 446.8                   | 15.53                     | 29.775            |                    |          |
| 9,100.0                                                    | 9,087.9               | 9,070.3               | 9,064.8               | 9.4              | 8.9           | 160.35                | -98.7                               | -198.6       | 475.0                  | 459.3                   | 15.73                     | 30.195            |                    |          |
| 9,200.0                                                    | 9,187.5               | 9,169.4               | 9,163.9               | 9.5              | 8.9           | 160.36                | -101.5                              | -203.4       | 487.8                  | 471.8                   | 15.94                     | 30.602            |                    |          |
| 9,300.0                                                    | 9,287.2               | 9,268.6               | 9,262.9               | 9.6              | 9.0           | 160.36                | -104.3                              | -208.2       | 500.5                  | 484.3                   | 16.15                     | 30.996            |                    |          |
| 9,400.0                                                    | 9,386.8               | 9,367.8               | 9,361.9               | 9.7              | 9.1           | 160.36                | -107.1                              | -213.0       | 513.2                  | 496.9                   | 16.36                     | 31.377            |                    |          |
| 9,500.0                                                    | 9,486.5               | 9,467.0               | 9,461.0               | 9.7              | 9.1           | 160.37                | -109.8                              | -217.8       | 526.0                  | 509.4                   | 16.57                     | 31.747            |                    |          |
| 9,600.0                                                    | 9,586.1               | 9,566.2               | 9,560.0               | 9.8              | 9.2           | 160.37                | -112.6                              | -222.6       | 538.7                  | 521.9                   | 16.78                     | 32.105            |                    |          |
| 9,700.0                                                    | 9,685.8               | 9,665.4               | 9,659.0               | 9.9              | 9.3           | 160.37                | -115.4                              | -227.4       | 551.4                  | 534.4                   | 16.99                     | 32.451            |                    |          |
| 9,800.0                                                    | 9,785.4               | 9,764.6               | 9,758.0               | 10.0             | 9.3           | 160.38                | -118.2                              | -232.2       | 564.2                  | 546.9                   | 17.21                     | 32.787            |                    |          |
| 9,900.0                                                    | 9,885.0               | 9,863.7               | 9,857.1               | 10.1             | 9.4           | 160.38                | -121.0                              | -237.0       | 576.9                  | 559.5                   | 17.42                     | 33.113            |                    |          |
| 10,000.0                                                   | 9,984.7               | 9,962.9               | 9,956.1               | 10.2             | 9.5           | 160.38                | -123.8                              | -241.8       | 589.6                  | 572.0                   | 17.64                     | 33.429            |                    |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Concho Resources LLC

## Anticollision Report

|                           |                                           |                                     |                               |
|---------------------------|-------------------------------------------|-------------------------------------|-------------------------------|
| <b>Company:</b>           | DELAWARE BASIN EAST                       | <b>Local Co-ordinate Reference:</b> | Well BEDLINGTON FED COM 703H  |
| <b>Project:</b>           | BULLDOG PROSPECT (NM-E)                   | <b>TVD Reference:</b>               | KB=26' @ 3649.0usft (McVay 8) |
| <b>Reference Site:</b>    | BEDLINGTON FEDERAL PROJECT (BULLDOG 2332) | <b>MD Reference:</b>                | KB=26' @ 3649.0usft (McVay 8) |
| <b>Site Error:</b>        | 3.0 usft                                  | <b>North Reference:</b>             | Grid                          |
| <b>Reference Well:</b>    | BEDLINGTON FED COM 703H                   | <b>Survey Calculation Method:</b>   | Minimum Curvature             |
| <b>Well Error:</b>        | 3.0 usft                                  | <b>Output errors are at</b>         | 2.00 sigma                    |
| <b>Reference Wellbore</b> | OWB                                       | <b>Database:</b>                    | edm                           |
| <b>Reference Design:</b>  | PWP2                                      | <b>Offset TVD Reference:</b>        | Offset Datum                  |

| Offset Design                                              |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Site Error: | 3.0 usft |
|------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|----------|
| Survey Program: 0-Standard Keeper 104, 11787-MWD+IFR1+FDIR |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Well Error: | 3.0 usft |
| Reference                                                  |                       | Offset                |                       | Semi Major Axis  |               |                       | Distance                            |              |                        |                         |                           |                   |                    | Warning  |
| Measured Depth (usft)                                      | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor |                    |          |
| 10,100.0                                                   | 10,084.3              | 10,062.1              | 10,055.1              | 10.3             | 9.6           | 160.39                | -126.6                              | -246.6       | 602.4                  | 584.5                   | 17.86                     | 33.735            |                    |          |
| 10,200.0                                                   | 10,184.0              | 10,161.3              | 10,154.2              | 10.4             | 9.7           | 160.39                | -129.4                              | -251.4       | 615.1                  | 597.0                   | 18.07                     | 34.032            |                    |          |
| 10,300.0                                                   | 10,283.6              | 10,260.5              | 10,253.2              | 10.4             | 9.7           | 160.39                | -132.2                              | -256.2       | 627.8                  | 609.5                   | 18.29                     | 34.321            |                    |          |
| 10,400.0                                                   | 10,383.3              | 10,359.7              | 10,352.2              | 10.5             | 9.8           | 160.39                | -135.0                              | -260.9       | 640.6                  | 622.0                   | 18.51                     | 34.600            |                    |          |
| 10,500.0                                                   | 10,482.9              | 10,458.9              | 10,451.3              | 10.6             | 9.9           | 160.40                | -137.8                              | -265.7       | 653.3                  | 634.5                   | 18.73                     | 34.872            |                    |          |
| 10,600.0                                                   | 10,582.6              | 10,558.0              | 10,550.3              | 10.7             | 10.0          | 160.40                | -140.6                              | -270.5       | 666.0                  | 647.1                   | 18.96                     | 35.135            |                    |          |
| 10,700.0                                                   | 10,682.2              | 10,657.2              | 10,649.3              | 10.8             | 10.1          | 160.40                | -143.4                              | -275.3       | 678.7                  | 659.6                   | 19.18                     | 35.391            |                    |          |
| 10,800.0                                                   | 10,781.9              | 10,756.4              | 10,748.4              | 10.9             | 10.1          | 160.40                | -146.2                              | -280.1       | 691.5                  | 672.1                   | 19.40                     | 35.639            |                    |          |
| 10,900.0                                                   | 10,881.5              | 10,855.6              | 10,847.4              | 11.0             | 10.2          | 160.40                | -149.0                              | -284.9       | 704.2                  | 684.6                   | 19.63                     | 35.880            |                    |          |
| 11,000.0                                                   | 10,981.2              | 10,954.8              | 10,946.4              | 11.1             | 10.3          | 160.41                | -151.8                              | -289.7       | 716.9                  | 697.1                   | 19.85                     | 36.114            |                    |          |
| 11,100.0                                                   | 11,080.8              | 11,054.0              | 11,045.4              | 11.2             | 10.4          | 160.41                | -154.6                              | -294.5       | 729.7                  | 709.6                   | 20.08                     | 36.341            |                    |          |
| 11,200.0                                                   | 11,180.5              | 11,153.2              | 11,144.5              | 11.3             | 10.5          | 160.41                | -157.4                              | -299.3       | 742.4                  | 722.1                   | 20.31                     | 36.562            |                    |          |
| 11,300.0                                                   | 11,280.1              | 11,252.3              | 11,243.5              | 11.4             | 10.6          | 160.41                | -160.2                              | -304.1       | 755.1                  | 734.6                   | 20.53                     | 36.777            |                    |          |
| 11,400.0                                                   | 11,379.8              | 11,351.5              | 11,342.5              | 11.5             | 10.7          | 160.41                | -163.0                              | -308.9       | 767.9                  | 747.1                   | 20.76                     | 36.986            |                    |          |
| 11,500.0                                                   | 11,479.4              | 11,450.7              | 11,441.6              | 11.6             | 10.8          | 160.41                | -165.8                              | -313.7       | 780.6                  | 759.6                   | 20.99                     | 37.189            |                    |          |
| 11,600.0                                                   | 11,579.1              | 11,549.9              | 11,540.6              | 11.7             | 10.9          | 160.42                | -168.6                              | -318.5       | 793.3                  | 772.1                   | 21.22                     | 37.386            |                    |          |
| 11,700.0                                                   | 11,678.7              | 11,649.1              | 11,639.6              | 11.8             | 11.0          | 160.42                | -171.3                              | -323.2       | 806.1                  | 784.6                   | 21.45                     | 37.578            |                    |          |
| 11,802.5                                                   | 11,780.8              | 11,750.7              | 11,741.1              | 11.9             | 11.0          | 160.42                | -174.2                              | -328.2       | 819.1                  | 797.4                   | 21.78                     | 37.615            |                    |          |
| 11,850.0                                                   | 11,828.2              | 11,796.5              | 11,786.8              | 11.9             | 11.1          | -144.96               | -175.5                              | -330.4       | 825.2                  | 803.4                   | 21.82                     | 37.819            |                    |          |
| 11,900.0                                                   | 11,877.8              | 11,838.3              | 11,828.5              | 12.0             | 11.1          | -118.44               | -174.6                              | -332.7       | 831.8                  | 809.9                   | 21.90                     | 37.985            |                    |          |
| 11,950.0                                                   | 11,926.7              | 11,880.1              | 11,870.1              | 12.0             | 11.1          | -107.98               | -170.7                              | -335.4       | 838.9                  | 816.9                   | 21.99                     | 38.154            |                    |          |
| 12,000.0                                                   | 11,974.7              | 11,922.2              | 11,911.4              | 12.0             | 11.1          | -102.60               | -163.8                              | -338.5       | 846.3                  | 824.3                   | 22.08                     | 38.331            |                    |          |
| 12,050.0                                                   | 12,021.3              | 11,964.4              | 11,952.3              | 12.0             | 11.1          | -99.29                | -153.9                              | -342.0       | 854.1                  | 831.9                   | 22.17                     | 38.517            |                    |          |
| 12,100.0                                                   | 12,066.3              | 12,006.9              | 11,992.5              | 12.1             | 11.1          | -97.01                | -140.9                              | -345.9       | 862.1                  | 839.8                   | 22.27                     | 38.718            |                    |          |
| 12,150.0                                                   | 12,109.1              | 12,050.0              | 12,032.3              | 12.1             | 11.1          | -95.31                | -124.7                              | -350.2       | 870.3                  | 848.0                   | 22.35                     | 38.942            |                    |          |
| 12,200.0                                                   | 12,149.6              | 12,092.7              | 12,070.3              | 12.1             | 11.2          | -93.98                | -105.7                              | -354.7       | 878.7                  | 856.3                   | 22.44                     | 39.166            |                    |          |
| 12,250.0                                                   | 12,187.4              | 12,136.2              | 12,107.4              | 12.2             | 11.2          | -92.91                | -83.6                               | -359.7       | 887.2                  | 864.7                   | 22.51                     | 39.412            |                    |          |
| 12,300.0                                                   | 12,222.3              | 12,180.2              | 12,143.1              | 12.2             | 11.2          | -92.03                | -58.4                               | -365.0       | 895.8                  | 873.3                   | 22.58                     | 39.667            |                    |          |
| 12,350.0                                                   | 12,253.8              | 12,224.7              | 12,177.1              | 12.3             | 11.3          | -91.30                | -30.3                               | -370.6       | 904.4                  | 881.8                   | 22.65                     | 39.925            |                    |          |
| 12,400.0                                                   | 12,282.0              | 12,269.8              | 12,209.1              | 12.4             | 11.3          | -90.68                | 0.8                                 | -376.6       | 913.0                  | 890.3                   | 22.72                     | 40.177            |                    |          |
| 12,450.0                                                   | 12,306.4              | 12,315.6              | 12,239.0              | 12.4             | 11.4          | -90.18                | 34.9                                | -382.8       | 921.5                  | 898.7                   | 22.80                     | 40.411            |                    |          |
| 12,500.0                                                   | 12,326.9              | 12,362.1              | 12,266.5              | 12.5             | 11.5          | -89.76                | 71.9                                | -389.3       | 929.8                  | 906.9                   | 22.90                     | 40.611            |                    |          |
| 12,550.0                                                   | 12,343.4              | 12,409.5              | 12,291.3              | 12.6             | 11.5          | -89.44                | 111.7                               | -396.0       | 937.9                  | 914.9                   | 23.01                     | 40.764            |                    |          |
| 12,600.0                                                   | 12,355.8              | 12,457.7              | 12,313.0              | 12.7             | 11.6          | -89.20                | 154.2                               | -403.0       | 945.8                  | 922.7                   | 23.15                     | 40.854            |                    |          |
| 12,650.0                                                   | 12,363.9              | 12,507.0              | 12,331.3              | 12.8             | 11.7          | -89.03                | 199.3                               | -410.1       | 953.4                  | 930.1                   | 23.33                     | 40.870            |                    |          |
| 12,700.0                                                   | 12,367.7              | 12,557.3              | 12,346.0              | 12.9             | 11.8          | -88.95                | 246.8                               | -417.4       | 960.6                  | 937.1                   | 23.54                     | 40.801            |                    |          |
| 12,717.4                                                   | 12,368.0              | 12,575.0              | 12,350.1              | 12.9             | 11.8          | -88.94                | 263.9                               | -419.9       | 963.0                  | 939.4                   | 23.63                     | 40.756            |                    |          |
| 12,800.0                                                   | 12,368.1              | 12,662.0              | 12,362.7              | 13.1             | 12.0          | -89.69                | 349.0                               | -432.2       | 974.2                  | 950.1                   | 24.12                     | 40.388            |                    |          |
| 12,900.0                                                   | 12,368.3              | 12,797.8              | 12,364.3              | 13.4             | 12.4          | -89.77                | 483.8                               | -449.1       | 986.1                  | 961.1                   | 24.97                     | 39.495            |                    |          |
| 13,000.0                                                   | 12,368.6              | 12,950.2              | 12,364.6              | 13.7             | 12.9          | -89.78                | 635.7                               | -460.6       | 993.0                  | 967.0                   | 26.01                     | 38.177            |                    |          |
| 13,100.0                                                   | 12,368.8              | 13,092.6              | 12,365.0              | 14.1             | 13.5          | -89.78                | 778.1                               | -464.1       | 994.7                  | 967.6                   | 27.11                     | 36.698            |                    |          |
| 13,200.0                                                   | 12,369.0              | 13,192.6              | 12,365.2              | 14.6             | 14.0          | -89.78                | 878.1                               | -464.7       | 994.7                  | 966.6                   | 28.13                     | 35.364            |                    |          |
| 13,300.0                                                   | 12,369.2              | 13,292.6              | 12,365.5              | 15.0             | 14.6          | -89.79                | 978.1                               | -465.3       | 994.7                  | 965.5                   | 29.22                     | 34.046            |                    |          |
| 13,400.0                                                   | 12,369.4              | 13,392.6              | 12,365.7              | 15.6             | 15.1          | -89.79                | 1,078.1                             | -465.9       | 994.7                  | 964.4                   | 30.36                     | 32.760            |                    |          |
| 13,500.0                                                   | 12,369.6              | 13,492.6              | 12,365.9              | 16.1             | 15.7          | -89.79                | 1,178.1                             | -466.5       | 994.7                  | 963.2                   | 31.56                     | 31.515            |                    |          |
| 13,600.0                                                   | 12,369.8              | 13,592.6              | 12,366.2              | 16.7             | 16.4          | -89.79                | 1,278.0                             | -467.1       | 994.8                  | 961.9                   | 32.81                     | 30.317            |                    |          |
| 13,700.0                                                   | 12,370.0              | 13,692.6              | 12,366.4              | 17.3             | 17.0          | -89.80                | 1,378.0                             | -467.7       | 994.8                  | 960.7                   | 34.10                     | 29.171            |                    |          |
| 13,800.0                                                   | 12,370.2              | 13,792.6              | 12,366.7              | 17.9             | 17.7          | -89.80                | 1,478.0                             | -468.4       | 994.8                  | 959.3                   | 35.43                     | 28.080            |                    |          |
| 13,900.0                                                   | 12,370.4              | 13,892.6              | 12,366.9              | 18.6             | 18.3          | -89.80                | 1,578.0                             | -469.0       | 994.8                  | 958.0                   | 36.78                     | 27.043            |                    |          |
| 14,000.0                                                   | 12,370.6              | 13,992.6              | 12,367.2              | 19.3             | 19.0          | -89.80                | 1,678.0                             | -469.6       | 994.8                  | 956.6                   | 38.17                     | 26.059            |                    |          |
| 14,100.0                                                   | 12,370.8              | 14,092.6              | 12,367.4              | 20.0             | 19.8          | -89.81                | 1,778.0                             | -470.2       | 994.8                  | 955.2                   | 39.59                     | 25.128            |                    |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Concho Resources LLC

## Anticollision Report

|                           |                                           |                                     |                               |
|---------------------------|-------------------------------------------|-------------------------------------|-------------------------------|
| <b>Company:</b>           | DELAWARE BASIN EAST                       | <b>Local Co-ordinate Reference:</b> | Well BEDLINGTON FED COM 703H  |
| <b>Project:</b>           | BULLDOG PROSPECT (NM-E)                   | <b>TVD Reference:</b>               | KB=26' @ 3649.0usft (McVay 8) |
| <b>Reference Site:</b>    | BEDLINGTON FEDERAL PROJECT (BULLDOG 2332) | <b>MD Reference:</b>                | KB=26' @ 3649.0usft (McVay 8) |
| <b>Site Error:</b>        | 3.0 usft                                  | <b>North Reference:</b>             | Grid                          |
| <b>Reference Well:</b>    | BEDLINGTON FED COM 703H                   | <b>Survey Calculation Method:</b>   | Minimum Curvature             |
| <b>Well Error:</b>        | 3.0 usft                                  | <b>Output errors are at</b>         | 2.00 sigma                    |
| <b>Reference Wellbore</b> | OWB                                       | <b>Database:</b>                    | edm                           |
| <b>Reference Design:</b>  | PWP2                                      | <b>Offset TVD Reference:</b>        | Offset Datum                  |

| Offset Design                                              |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           | Offset Site Error: | 3.0 usft |
|------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|--------------------|----------|
| Survey Program: 0-Standard Keeper 104, 11787-MWD+IFR1+FDIR |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           | Offset Well Error: | 3.0 usft |
| Reference                                                  |                       |                       |                       | Semi Major Axis  |               |                       | Distance                            |              |                        |                         |                           |                    |          |
| Measured Depth (usft)                                      | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor  | Warning  |
| 14,200.0                                                   | 12,371.0              | 14,192.6              | 12,367.6              | 20.7             | 20.5          | -89.81                | 1,878.0                             | -470.8       | 994.8                  | 953.7                   | 41.03                     | 24.247             |          |
| 14,300.0                                                   | 12,371.2              | 14,292.6              | 12,367.9              | 21.4             | 21.2          | -89.81                | 1,978.0                             | -471.4       | 994.8                  | 952.3                   | 42.49                     | 23.413             |          |
| 14,400.0                                                   | 12,371.4              | 14,392.6              | 12,368.1              | 22.1             | 21.9          | -89.81                | 2,078.0                             | -472.1       | 994.8                  | 950.8                   | 43.97                     | 22.626             |          |
| 14,500.0                                                   | 12,371.6              | 14,492.6              | 12,368.4              | 22.8             | 22.7          | -89.81                | 2,178.0                             | -472.7       | 994.8                  | 949.3                   | 45.46                     | 21.881             |          |
| 14,600.0                                                   | 12,371.8              | 14,592.6              | 12,368.6              | 23.6             | 23.5          | -89.82                | 2,278.0                             | -473.3       | 994.8                  | 947.8                   | 46.98                     | 21.177             |          |
| 14,700.0                                                   | 12,372.0              | 14,692.6              | 12,368.8              | 24.3             | 24.2          | -89.82                | 2,378.0                             | -473.9       | 994.8                  | 946.3                   | 48.50                     | 20.510             |          |
| 14,800.0                                                   | 12,372.2              | 14,792.6              | 12,369.1              | 25.1             | 25.0          | -89.82                | 2,478.0                             | -474.5       | 994.8                  | 944.7                   | 50.04                     | 19.879             |          |
| 14,900.0                                                   | 12,372.4              | 14,892.6              | 12,369.3              | 25.9             | 25.8          | -89.82                | 2,578.0                             | -475.1       | 994.8                  | 943.2                   | 51.59                     | 19.282             |          |
| 15,000.0                                                   | 12,372.6              | 14,992.6              | 12,369.6              | 26.6             | 26.6          | -89.83                | 2,678.0                             | -475.7       | 994.8                  | 941.6                   | 53.15                     | 18.715             |          |
| 15,100.0                                                   | 12,372.8              | 15,092.6              | 12,369.8              | 27.4             | 27.3          | -89.83                | 2,778.0                             | -476.4       | 994.8                  | 940.1                   | 54.73                     | 18.178             |          |
| 15,200.0                                                   | 12,373.0              | 15,192.6              | 12,370.1              | 28.2             | 28.1          | -89.83                | 2,878.0                             | -477.0       | 994.8                  | 938.5                   | 56.31                     | 17.667             |          |
| 15,300.0                                                   | 12,373.2              | 15,292.6              | 12,370.3              | 29.0             | 28.9          | -89.83                | 2,978.0                             | -477.6       | 994.8                  | 936.9                   | 57.90                     | 17.183             |          |
| 15,400.0                                                   | 12,373.4              | 15,392.6              | 12,370.5              | 29.8             | 29.7          | -89.84                | 3,078.0                             | -478.2       | 994.8                  | 935.3                   | 59.49                     | 16.721             |          |
| 15,500.0                                                   | 12,373.6              | 15,492.6              | 12,370.8              | 30.6             | 30.5          | -89.84                | 3,178.0                             | -478.8       | 994.8                  | 933.7                   | 61.10                     | 16.283             |          |
| 15,600.0                                                   | 12,373.8              | 15,592.6              | 12,371.0              | 31.4             | 31.3          | -89.84                | 3,278.0                             | -479.4       | 994.8                  | 932.1                   | 62.71                     | 15.865             |          |
| 15,700.0                                                   | 12,374.0              | 15,692.6              | 12,371.3              | 32.2             | 32.2          | -89.84                | 3,378.0                             | -480.1       | 994.8                  | 930.5                   | 64.32                     | 15.466             |          |
| 15,800.0                                                   | 12,374.2              | 15,792.6              | 12,371.5              | 33.0             | 33.0          | -89.84                | 3,478.0                             | -480.7       | 994.8                  | 928.9                   | 65.94                     | 15.086             |          |
| 15,900.0                                                   | 12,374.4              | 15,892.6              | 12,371.8              | 33.8             | 33.8          | -89.85                | 3,578.0                             | -481.3       | 994.8                  | 927.2                   | 67.57                     | 14.723             |          |
| 16,000.0                                                   | 12,374.6              | 15,992.6              | 12,372.0              | 34.6             | 34.6          | -89.85                | 3,678.0                             | -481.9       | 994.8                  | 925.6                   | 69.20                     | 14.376             |          |
| 16,100.0                                                   | 12,374.8              | 16,092.6              | 12,372.2              | 35.4             | 35.4          | -89.85                | 3,778.0                             | -482.5       | 994.8                  | 924.0                   | 70.84                     | 14.044             |          |
| 16,200.0                                                   | 12,375.0              | 16,192.6              | 12,372.5              | 36.3             | 36.2          | -89.85                | 3,878.0                             | -483.1       | 994.8                  | 922.3                   | 72.48                     | 13.726             |          |
| 16,300.0                                                   | 12,375.2              | 16,292.6              | 12,372.7              | 37.1             | 37.1          | -89.86                | 3,978.0                             | -483.8       | 994.8                  | 920.7                   | 74.12                     | 13.422             |          |
| 16,400.0                                                   | 12,375.4              | 16,392.6              | 12,373.0              | 37.9             | 37.9          | -89.86                | 4,078.0                             | -484.4       | 994.8                  | 919.1                   | 75.77                     | 13.130             |          |
| 16,500.0                                                   | 12,375.6              | 16,492.6              | 12,373.2              | 38.7             | 38.7          | -89.86                | 4,178.0                             | -485.0       | 994.8                  | 917.4                   | 77.42                     | 12.850             |          |
| 16,600.0                                                   | 12,375.8              | 16,592.6              | 12,373.5              | 39.5             | 39.5          | -89.86                | 4,278.0                             | -485.6       | 994.8                  | 915.8                   | 79.07                     | 12.581             |          |
| 16,700.0                                                   | 12,376.0              | 16,692.6              | 12,373.7              | 40.4             | 40.4          | -89.87                | 4,378.0                             | -486.2       | 994.8                  | 914.1                   | 80.73                     | 12.323             |          |
| 16,800.0                                                   | 12,376.2              | 16,792.6              | 12,373.9              | 41.2             | 41.2          | -89.87                | 4,478.0                             | -486.8       | 994.8                  | 912.4                   | 82.39                     | 12.075             |          |
| 16,900.0                                                   | 12,376.4              | 16,892.6              | 12,374.2              | 42.0             | 42.0          | -89.87                | 4,578.0                             | -487.4       | 994.8                  | 910.8                   | 84.05                     | 11.836             |          |
| 17,000.0                                                   | 12,376.6              | 16,992.6              | 12,374.4              | 42.9             | 42.9          | -89.87                | 4,678.0                             | -488.1       | 994.8                  | 909.1                   | 85.72                     | 11.606             |          |
| 17,100.0                                                   | 12,376.8              | 17,092.6              | 12,374.7              | 43.7             | 43.7          | -89.87                | 4,778.0                             | -488.7       | 994.8                  | 907.5                   | 87.38                     | 11.385             |          |
| 17,200.0                                                   | 12,377.0              | 17,192.6              | 12,374.9              | 44.5             | 44.5          | -89.88                | 4,878.0                             | -489.3       | 994.8                  | 905.8                   | 89.05                     | 11.171             |          |
| 17,300.0                                                   | 12,377.3              | 17,292.6              | 12,375.1              | 45.4             | 45.4          | -89.88                | 4,978.0                             | -489.9       | 994.9                  | 904.1                   | 90.73                     | 10.965             |          |
| 17,400.0                                                   | 12,377.5              | 17,392.6              | 12,375.4              | 46.2             | 46.2          | -89.88                | 5,078.0                             | -490.5       | 994.9                  | 902.5                   | 92.40                     | 10.767             |          |
| 17,500.0                                                   | 12,377.7              | 17,492.6              | 12,375.6              | 47.0             | 47.1          | -89.88                | 5,178.0                             | -491.1       | 994.9                  | 900.8                   | 94.07                     | 10.575             |          |
| 17,600.0                                                   | 12,377.9              | 17,592.6              | 12,375.9              | 47.9             | 47.9          | -89.89                | 5,278.0                             | -491.8       | 994.9                  | 899.1                   | 95.75                     | 10.390             |          |
| 17,700.0                                                   | 12,378.1              | 17,692.6              | 12,376.1              | 48.7             | 48.7          | -89.89                | 5,378.0                             | -492.4       | 994.9                  | 897.4                   | 97.43                     | 10.211             |          |
| 17,800.0                                                   | 12,378.3              | 17,792.6              | 12,376.4              | 49.5             | 49.6          | -89.89                | 5,478.0                             | -493.0       | 994.9                  | 895.8                   | 99.11                     | 10.038             |          |
| 17,900.0                                                   | 12,378.5              | 17,892.6              | 12,376.6              | 50.4             | 50.4          | -89.89                | 5,578.0                             | -493.6       | 994.9                  | 894.1                   | 100.79                    | 9.870              |          |
| 18,000.0                                                   | 12,378.7              | 17,992.6              | 12,376.8              | 51.2             | 51.3          | -89.89                | 5,678.0                             | -494.2       | 994.9                  | 892.4                   | 102.48                    | 9.708              |          |
| 18,100.0                                                   | 12,378.9              | 18,092.6              | 12,377.1              | 52.1             | 52.1          | -89.90                | 5,778.0                             | -494.8       | 994.9                  | 890.7                   | 104.16                    | 9.551              |          |
| 18,200.0                                                   | 12,379.1              | 18,192.6              | 12,377.3              | 52.9             | 52.9          | -89.90                | 5,877.9                             | -495.4       | 994.9                  | 889.0                   | 105.85                    | 9.399              |          |
| 18,300.0                                                   | 12,379.3              | 18,292.6              | 12,377.6              | 53.8             | 53.8          | -89.90                | 5,977.9                             | -496.1       | 994.9                  | 887.3                   | 107.53                    | 9.252              |          |
| 18,400.0                                                   | 12,379.5              | 18,392.6              | 12,377.8              | 54.6             | 54.6          | -89.90                | 6,077.9                             | -496.7       | 994.9                  | 885.7                   | 109.22                    | 9.109              |          |
| 18,500.0                                                   | 12,379.7              | 18,492.6              | 12,378.1              | 55.4             | 55.5          | -89.91                | 6,177.9                             | -497.3       | 994.9                  | 884.0                   | 110.91                    | 8.970              |          |
| 18,600.0                                                   | 12,379.9              | 18,592.6              | 12,378.3              | 56.3             | 56.3          | -89.91                | 6,277.9                             | -497.9       | 994.9                  | 882.3                   | 112.60                    | 8.835              |          |
| 18,700.0                                                   | 12,380.1              | 18,692.6              | 12,378.5              | 57.1             | 57.2          | -89.91                | 6,377.9                             | -498.5       | 994.9                  | 880.6                   | 114.30                    | 8.705              |          |
| 18,800.0                                                   | 12,380.3              | 18,792.6              | 12,378.8              | 58.0             | 58.0          | -89.91                | 6,477.9                             | -499.1       | 994.9                  | 878.9                   | 115.99                    | 8.578              |          |
| 18,900.0                                                   | 12,380.5              | 18,892.6              | 12,379.0              | 58.8             | 58.9          | -89.92                | 6,577.9                             | -499.8       | 994.9                  | 877.2                   | 117.68                    | 8.454              |          |
| 19,000.0                                                   | 12,380.7              | 18,992.6              | 12,379.3              | 59.7             | 59.7          | -89.92                | 6,677.9                             | -500.4       | 994.9                  | 875.5                   | 119.38                    | 8.334              |          |
| 19,100.0                                                   | 12,380.9              | 19,092.6              | 12,379.5              | 60.5             | 60.6          | -89.92                | 6,777.9                             | -501.0       | 994.9                  | 873.8                   | 121.07                    | 8.217              |          |
| 19,200.0                                                   | 12,381.1              | 19,192.6              | 12,379.7              | 61.4             | 61.4          | -89.92                | 6,877.9                             | -501.6       | 994.9                  | 872.1                   | 122.77                    | 8.104              |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Concho Resources LLC

## Anticollision Report

|                           |                                           |                                     |                               |
|---------------------------|-------------------------------------------|-------------------------------------|-------------------------------|
| <b>Company:</b>           | DELAWARE BASIN EAST                       | <b>Local Co-ordinate Reference:</b> | Well BEDLINGTON FED COM 703H  |
| <b>Project:</b>           | BULLDOG PROSPECT (NM-E)                   | <b>TVD Reference:</b>               | KB=26' @ 3649.0usft (McVay 8) |
| <b>Reference Site:</b>    | BEDLINGTON FEDERAL PROJECT (BULLDOG 2332) | <b>MD Reference:</b>                | KB=26' @ 3649.0usft (McVay 8) |
| <b>Site Error:</b>        | 3.0 usft                                  | <b>North Reference:</b>             | Grid                          |
| <b>Reference Well:</b>    | BEDLINGTON FED COM 703H                   | <b>Survey Calculation Method:</b>   | Minimum Curvature             |
| <b>Well Error:</b>        | 3.0 usft                                  | <b>Output errors are at</b>         | 2.00 sigma                    |
| <b>Reference Wellbore</b> | OWB                                       | <b>Database:</b>                    | edm                           |
| <b>Reference Design:</b>  | PWP2                                      | <b>Offset TVD Reference:</b>        | Offset Datum                  |

| Offset Design                                                                   |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           | Offset Site Error: | 3.0 usft |
|---------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|--------------------|----------|
| BEDLINGTON FEDERAL PROJECT (BULLDOG 2332) - BEDLINGTON FED COM 702H - OWB - PWP |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           | Offset Well Error: | 3.0 usft |
| Survey Program: 0-Standard Keeper 104, 11787-MWD+IFR1+FDIR                      |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                    |          |
| Reference                                                                       |                       | Offset                |                       | Semi Major Axis  |               |                       | Distance                            |              |                        |                         |                           |                    |          |
| Measured Depth (usft)                                                           | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor  | Warning  |
| 19,300.0                                                                        | 12,381.3              | 19,292.6              | 12,380.0              | 62.2             | 62.3          | -89.92                | 6,977.9                             | -502.2       | 994.9                  | 870.4                   | 124.46                    | 7.993              |          |
| 19,400.0                                                                        | 12,381.5              | 19,392.6              | 12,380.2              | 63.1             | 63.1          | -89.93                | 7,077.9                             | -502.8       | 994.9                  | 868.7                   | 126.16                    | 7.886              |          |
| 19,500.0                                                                        | 12,381.7              | 19,492.6              | 12,380.5              | 63.9             | 64.0          | -89.93                | 7,177.9                             | -503.5       | 994.9                  | 867.0                   | 127.86                    | 7.781              |          |
| 19,600.0                                                                        | 12,381.9              | 19,592.6              | 12,380.7              | 64.8             | 64.8          | -89.93                | 7,277.9                             | -504.1       | 994.9                  | 865.4                   | 129.56                    | 7.679              |          |
| 19,700.0                                                                        | 12,382.1              | 19,692.6              | 12,381.0              | 65.6             | 65.7          | -89.93                | 7,377.9                             | -504.7       | 994.9                  | 863.7                   | 131.26                    | 7.580              |          |
| 19,800.0                                                                        | 12,382.3              | 19,792.6              | 12,381.2              | 66.5             | 66.5          | -89.94                | 7,477.9                             | -505.3       | 994.9                  | 862.0                   | 132.96                    | 7.483              |          |
| 19,900.0                                                                        | 12,382.5              | 19,892.6              | 12,381.4              | 67.3             | 67.4          | -89.94                | 7,577.9                             | -505.9       | 994.9                  | 860.3                   | 134.66                    | 7.388              |          |
| 20,000.0                                                                        | 12,382.7              | 19,992.6              | 12,381.7              | 68.2             | 68.2          | -89.94                | 7,677.9                             | -506.5       | 994.9                  | 858.6                   | 136.36                    | 7.296              |          |
| 20,100.0                                                                        | 12,382.9              | 20,092.6              | 12,381.9              | 69.0             | 69.1          | -89.94                | 7,777.9                             | -507.1       | 994.9                  | 856.9                   | 138.07                    | 7.206              |          |
| 20,200.0                                                                        | 12,383.1              | 20,192.6              | 12,382.2              | 69.9             | 69.9          | -89.95                | 7,877.9                             | -507.8       | 994.9                  | 855.2                   | 139.77                    | 7.118              |          |
| 20,300.0                                                                        | 12,383.3              | 20,292.6              | 12,382.4              | 70.7             | 70.8          | -89.95                | 7,977.9                             | -508.4       | 994.9                  | 853.5                   | 141.47                    | 7.033              |          |
| 20,400.0                                                                        | 12,383.5              | 20,392.6              | 12,382.7              | 71.6             | 71.6          | -89.95                | 8,077.9                             | -509.0       | 994.9                  | 851.8                   | 143.18                    | 6.949              |          |
| 20,500.0                                                                        | 12,383.7              | 20,492.6              | 12,382.9              | 72.4             | 72.5          | -89.95                | 8,177.9                             | -509.6       | 994.9                  | 850.1                   | 144.88                    | 6.867              |          |
| 20,600.0                                                                        | 12,383.9              | 20,592.6              | 12,383.1              | 73.3             | 73.3          | -89.95                | 8,277.9                             | -510.2       | 994.9                  | 848.4                   | 146.59                    | 6.787              |          |
| 20,700.0                                                                        | 12,384.1              | 20,692.6              | 12,383.4              | 74.1             | 74.2          | -89.96                | 8,377.9                             | -510.8       | 994.9                  | 846.7                   | 148.29                    | 6.709              |          |
| 20,800.0                                                                        | 12,384.3              | 20,792.6              | 12,383.6              | 75.0             | 75.0          | -89.96                | 8,477.9                             | -511.5       | 994.9                  | 844.9                   | 150.00                    | 6.633              |          |
| 20,900.0                                                                        | 12,384.5              | 20,892.6              | 12,383.9              | 75.8             | 75.9          | -89.96                | 8,577.9                             | -512.1       | 994.9                  | 843.2                   | 151.70                    | 6.558              |          |
| 21,000.0                                                                        | 12,384.7              | 20,992.6              | 12,384.1              | 76.7             | 76.7          | -89.96                | 8,677.9                             | -512.7       | 995.0                  | 841.5                   | 153.41                    | 6.486              |          |
| 21,100.0                                                                        | 12,384.9              | 21,092.6              | 12,384.4              | 77.5             | 77.6          | -89.97                | 8,777.9                             | -513.3       | 995.0                  | 839.8                   | 155.12                    | 6.414              |          |
| 21,200.0                                                                        | 12,385.1              | 21,192.6              | 12,384.6              | 78.4             | 78.4          | -89.97                | 8,877.9                             | -513.9       | 995.0                  | 838.1                   | 156.83                    | 6.344              |          |
| 21,300.0                                                                        | 12,385.3              | 21,292.6              | 12,384.8              | 79.2             | 79.3          | -89.97                | 8,977.9                             | -514.5       | 995.0                  | 836.4                   | 158.53                    | 6.276              |          |
| 21,400.0                                                                        | 12,385.5              | 21,392.6              | 12,385.1              | 80.1             | 80.2          | -89.97                | 9,077.9                             | -515.1       | 995.0                  | 834.7                   | 160.24                    | 6.209              |          |
| 21,500.0                                                                        | 12,385.8              | 21,492.6              | 12,385.3              | 80.9             | 81.0          | -89.98                | 9,177.9                             | -515.8       | 995.0                  | 833.0                   | 161.95                    | 6.144              |          |
| 21,600.0                                                                        | 12,386.0              | 21,592.6              | 12,385.6              | 81.8             | 81.9          | -89.98                | 9,277.9                             | -516.4       | 995.0                  | 831.3                   | 163.66                    | 6.080              |          |
| 21,700.0                                                                        | 12,386.2              | 21,692.6              | 12,385.8              | 82.7             | 82.7          | -89.98                | 9,377.9                             | -517.0       | 995.0                  | 829.6                   | 165.37                    | 6.017              |          |
| 21,800.0                                                                        | 12,386.4              | 21,792.6              | 12,386.0              | 83.5             | 83.6          | -89.98                | 9,477.9                             | -517.6       | 995.0                  | 827.9                   | 167.08                    | 5.955              |          |
| 21,900.0                                                                        | 12,386.6              | 21,892.6              | 12,386.3              | 84.4             | 84.4          | -89.98                | 9,577.9                             | -518.2       | 995.0                  | 826.2                   | 168.79                    | 5.895              |          |
| 22,000.0                                                                        | 12,386.8              | 21,992.6              | 12,386.5              | 85.2             | 85.3          | -89.99                | 9,677.9                             | -518.8       | 995.0                  | 824.5                   | 170.50                    | 5.836              |          |
| 22,100.0                                                                        | 12,387.0              | 22,092.6              | 12,386.8              | 86.1             | 86.1          | -89.99                | 9,777.9                             | -519.5       | 995.0                  | 822.8                   | 172.21                    | 5.778              |          |
| 22,200.0                                                                        | 12,387.2              | 22,192.6              | 12,387.0              | 86.9             | 87.0          | -89.99                | 9,877.9                             | -520.1       | 995.0                  | 821.1                   | 173.92                    | 5.721              |          |
| 22,300.0                                                                        | 12,387.4              | 22,292.6              | 12,387.3              | 87.8             | 87.9          | -89.99                | 9,977.9                             | -520.7       | 995.0                  | 819.4                   | 175.63                    | 5.665              |          |
| 22,400.0                                                                        | 12,387.6              | 22,392.6              | 12,387.5              | 88.6             | 88.7          | -90.00                | 10,077.9                            | -521.3       | 995.0                  | 817.6                   | 177.34                    | 5.611              |          |
| 22,500.0                                                                        | 12,387.8              | 22,492.6              | 12,387.7              | 89.5             | 89.6          | -90.00                | 10,177.9                            | -521.9       | 995.0                  | 815.9                   | 179.05                    | 5.557              |          |
| 22,600.0                                                                        | 12,388.0              | 22,592.6              | 12,388.0              | 90.3             | 90.4          | -90.00                | 10,277.9                            | -522.5       | 995.0                  | 814.2                   | 180.77                    | 5.504              |          |
| 22,600.0                                                                        | 12,388.0              | 22,592.7              | 12,388.0              | 90.3             | 90.4          | -90.00                | 10,277.9                            | -522.5       | 995.0                  | 814.2                   | 180.77                    | 5.504              |          |
| 22,611.5                                                                        | 12,388.0              | 22,599.4              | 12,388.0              | 90.4             | 90.5          | -90.00                | 10,284.7                            | -522.6       | 995.0                  | 814.1                   | 180.93                    | 5.500              |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Concho Resources LLC

## Anticollision Report

|                           |                                           |                                     |                               |
|---------------------------|-------------------------------------------|-------------------------------------|-------------------------------|
| <b>Company:</b>           | DELAWARE BASIN EAST                       | <b>Local Co-ordinate Reference:</b> | Well BEDLINGTON FED COM 703H  |
| <b>Project:</b>           | BULLDOG PROSPECT (NM-E)                   | <b>TVD Reference:</b>               | KB=26' @ 3649.0usft (McVay 8) |
| <b>Reference Site:</b>    | BEDLINGTON FEDERAL PROJECT (BULLDOG 2332) | <b>MD Reference:</b>                | KB=26' @ 3649.0usft (McVay 8) |
| <b>Site Error:</b>        | 3.0 usft                                  | <b>North Reference:</b>             | Grid                          |
| <b>Reference Well:</b>    | BEDLINGTON FED COM 703H                   | <b>Survey Calculation Method:</b>   | Minimum Curvature             |
| <b>Well Error:</b>        | 3.0 usft                                  | <b>Output errors are at</b>         | 2.00 sigma                    |
| <b>Reference Wellbore</b> | OWB                                       | <b>Database:</b>                    | edm                           |
| <b>Reference Design:</b>  | PWP2                                      | <b>Offset TVD Reference:</b>        | Offset Datum                  |

| Offset Design                          |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Site Error: | 3.0 usft |
|----------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|----------|
| Survey Program: 200-GYRO-NS, 10201-MWD |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Well Error: | 3.0 usft |
| Reference                              |                       | Offset                |                       | Semi Major Axis  |               |                       | Distance                            |              |                        |                         |                           |                   |                    | Warning  |
| Measured Depth (usft)                  | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor |                    |          |
| 9,400.0                                | 9,386.8               | 9,388.5               | 9,388.3               | 9.7              | 36.1          | -24.36                | -14.9                               | 1,294.6      | 999.0                  | 955.8                   | 43.20                     | 23.126            |                    |          |
| 9,500.0                                | 9,486.5               | 9,486.1               | 9,485.9               | 9.7              | 36.5          | -24.55                | -15.0                               | 1,294.9      | 991.6                  | 948.0                   | 43.64                     | 22.724            |                    |          |
| 9,600.0                                | 9,586.1               | 9,583.0               | 9,582.8               | 9.8              | 36.9          | -24.75                | -14.9                               | 1,295.3      | 984.5                  | 940.4                   | 44.07                     | 22.337            |                    |          |
| 9,700.0                                | 9,685.8               | 9,684.7               | 9,684.5               | 9.9              | 37.2          | -24.97                | -14.7                               | 1,295.9      | 977.4                  | 932.9                   | 44.58                     | 21.927            |                    |          |
| 9,800.0                                | 9,785.4               | 9,787.3               | 9,787.2               | 10.0             | 37.6          | -25.19                | -14.5                               | 1,296.2      | 970.1                  | 925.0                   | 45.10                     | 21.512            |                    |          |
| 9,900.0                                | 9,885.0               | 9,885.8               | 9,885.6               | 10.1             | 37.9          | -25.40                | -14.6                               | 1,296.3      | 962.7                  | 917.1                   | 45.54                     | 21.138            |                    |          |
| 10,000.0                               | 9,984.7               | 9,983.8               | 9,983.6               | 10.2             | 38.2          | -25.57                | -15.3                               | 1,296.7      | 955.4                  | 909.5                   | 45.98                     | 20.779            |                    |          |
| 10,100.0                               | 10,084.3              | 10,085.0              | 10,084.8              | 10.3             | 38.5          | -25.74                | -16.1                               | 1,297.2      | 948.3                  | 901.8                   | 46.43                     | 20.423            |                    |          |
| 10,200.0                               | 10,184.0              | 10,189.7              | 10,189.5              | 10.4             | 38.8          | -25.92                | -16.9                               | 1,297.0      | 940.4                  | 893.5                   | 46.87                     | 20.065            |                    |          |
| 10,300.0                               | 10,283.6              | 10,264.0              | 10,263.7              | 10.4             | 38.9          | -26.30                | -13.4                               | 1,297.0      | 933.5                  | 886.6                   | 46.97                     | 19.873            |                    |          |
| 10,400.0                               | 10,383.3              | 10,327.0              | 10,325.6              | 10.5             | 38.9          | -27.13                | -2.1                                | 1,298.5      | 930.7                  | 883.7                   | 47.06                     | 19.776            |                    |          |
| 10,408.8                               | 10,392.1              | 10,327.0              | 10,325.6              | 10.6             | 38.9          | -27.13                | -2.1                                | 1,298.5      | 930.7                  | 883.6                   | 47.06                     | 19.775            |                    |          |
| 10,500.0                               | 10,482.9              | 10,429.4              | 10,423.4              | 10.6             | 38.9          | -29.15                | 27.8                                | 1,301.4      | 931.0                  | 883.8                   | 47.23                     | 19.712            |                    |          |
| 10,562.3                               | 10,545.0              | 10,492.1              | 10,481.0              | 10.7             | 38.9          | -30.80                | 52.5                                | 1,300.4      | 930.5                  | 883.2                   | 47.34                     | 19.655 CC, ES     |                    |          |
| 10,600.0                               | 10,582.6              | 10,520.5              | 10,506.2              | 10.7             | 38.9          | -31.66                | 65.5                                | 1,299.7      | 930.8                  | 883.4                   | 47.40                     | 19.639 SF         |                    |          |
| 10,700.0                               | 10,682.2              | 10,581.0              | 10,557.9              | 10.8             | 39.0          | -33.72                | 97.0                                | 1,297.6      | 934.5                  | 887.0                   | 47.54                     | 19.659            |                    |          |
| 10,800.0                               | 10,781.9              | 10,624.9              | 10,593.0              | 10.9             | 39.0          | -35.39                | 123.2                               | 1,296.4      | 944.6                  | 896.9                   | 47.70                     | 19.802            |                    |          |
| 10,900.0                               | 10,881.5              | 10,664.7              | 10,623.4              | 11.0             | 39.0          | -36.99                | 148.9                               | 1,296.0      | 961.7                  | 913.8                   | 47.90                     | 20.077            |                    |          |
| 11,000.0                               | 10,981.2              | 10,709.0              | 10,655.9              | 11.1             | 39.0          | -38.81                | 179.0                               | 1,296.2      | 985.6                  | 937.5                   | 48.13                     | 20.480            |                    |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## Concho Resources LLC

## Anticollision Report

|                           |                                           |                                     |                               |
|---------------------------|-------------------------------------------|-------------------------------------|-------------------------------|
| <b>Company:</b>           | DELAWARE BASIN EAST                       | <b>Local Co-ordinate Reference:</b> | Well BEDLINGTON FED COM 703H  |
| <b>Project:</b>           | BULLDOG PROSPECT (NM-E)                   | <b>TVD Reference:</b>               | KB=26' @ 3649.0usft (McVay 8) |
| <b>Reference Site:</b>    | BEDLINGTON FEDERAL PROJECT (BULLDOG 2332) | <b>MD Reference:</b>                | KB=26' @ 3649.0usft (McVay 8) |
| <b>Site Error:</b>        | 3.0 usft                                  | <b>North Reference:</b>             | Grid                          |
| <b>Reference Well:</b>    | BEDLINGTON FED COM 703H                   | <b>Survey Calculation Method:</b>   | Minimum Curvature             |
| <b>Well Error:</b>        | 3.0 usft                                  | <b>Output errors are at</b>         | 2.00 sigma                    |
| <b>Reference Wellbore</b> | OWB                                       | <b>Database:</b>                    | edm                           |
| <b>Reference Design:</b>  | PWP2                                      | <b>Offset TVD Reference:</b>        | Offset Datum                  |

Reference Depths are relative to KB=26' @ 3649.0usft (McVay 8)

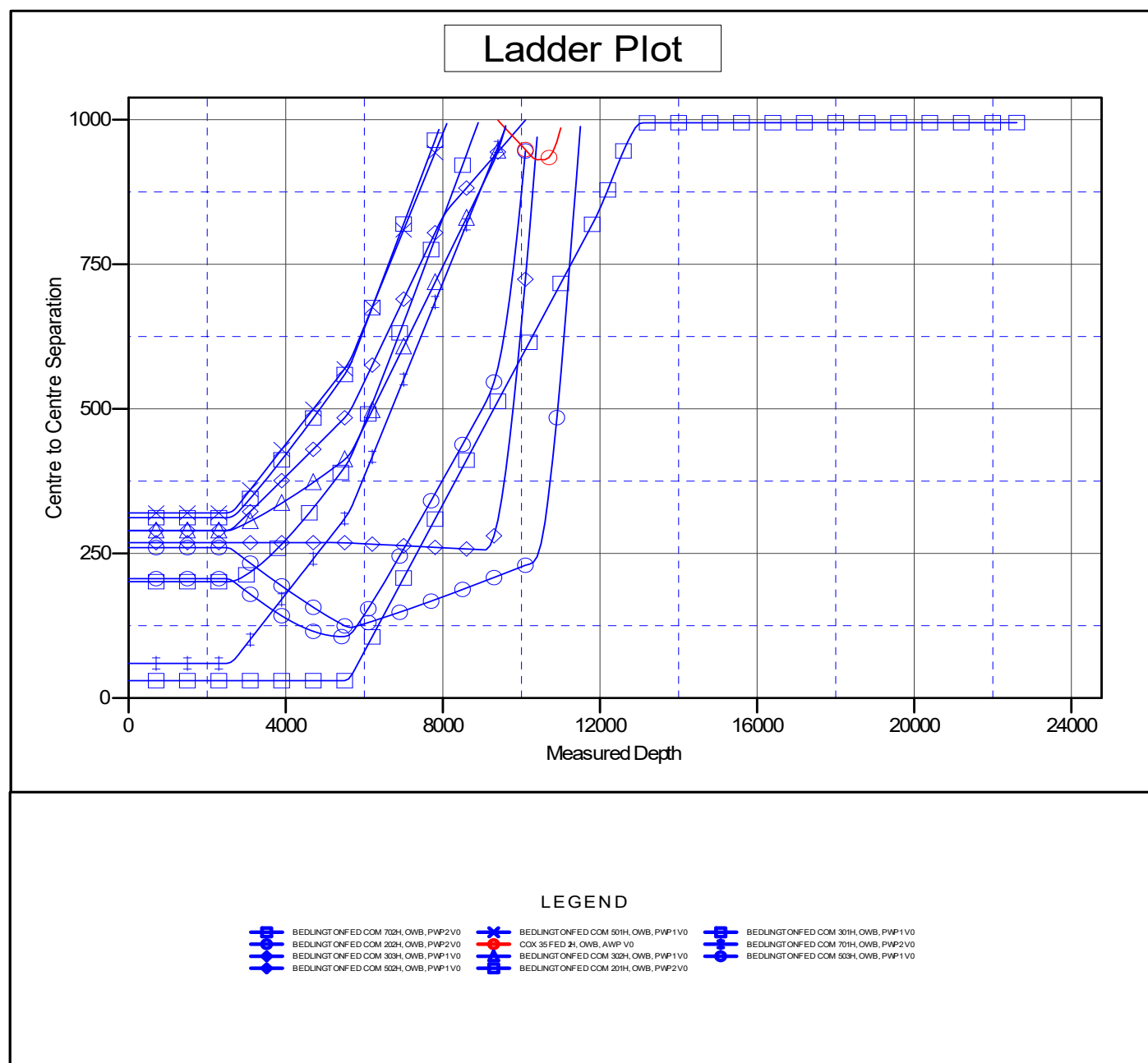
Offset Depths are relative to Offset Datum

Central Meridian is 104° 20' 0.000 W

Coordinates are relative to: BEDLINGTON FED COM 703H

Coordinate System is US State Plane 1927 (Exact solution), New Mexico East 30

Grid Convergence at Surface is: 0.37°



CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

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COMPASS 5000.15 Build 91E

## Concho Resources LLC

## Anticollision Report

|                           |                                           |                                     |                               |
|---------------------------|-------------------------------------------|-------------------------------------|-------------------------------|
| <b>Company:</b>           | DELAWARE BASIN EAST                       | <b>Local Co-ordinate Reference:</b> | Well BEDLINGTON FED COM 703H  |
| <b>Project:</b>           | BULLDOG PROSPECT (NM-E)                   | <b>TVD Reference:</b>               | KB=26' @ 3649.0usft (McVay 8) |
| <b>Reference Site:</b>    | BEDLINGTON FEDERAL PROJECT (BULLDOG 2332) | <b>MD Reference:</b>                | KB=26' @ 3649.0usft (McVay 8) |
| <b>Site Error:</b>        | 3.0 usft                                  | <b>North Reference:</b>             | Grid                          |
| <b>Reference Well:</b>    | BEDLINGTON FED COM 703H                   | <b>Survey Calculation Method:</b>   | Minimum Curvature             |
| <b>Well Error:</b>        | 3.0 usft                                  | <b>Output errors are at</b>         | 2.00 sigma                    |
| <b>Reference Wellbore</b> | OWB                                       | <b>Database:</b>                    | edm                           |
| <b>Reference Design:</b>  | PWP2                                      | <b>Offset TVD Reference:</b>        | Offset Datum                  |

Reference Depths are relative to KB=26' @ 3649.0usft (McVay 8)

Offset Depths are relative to Offset Datum

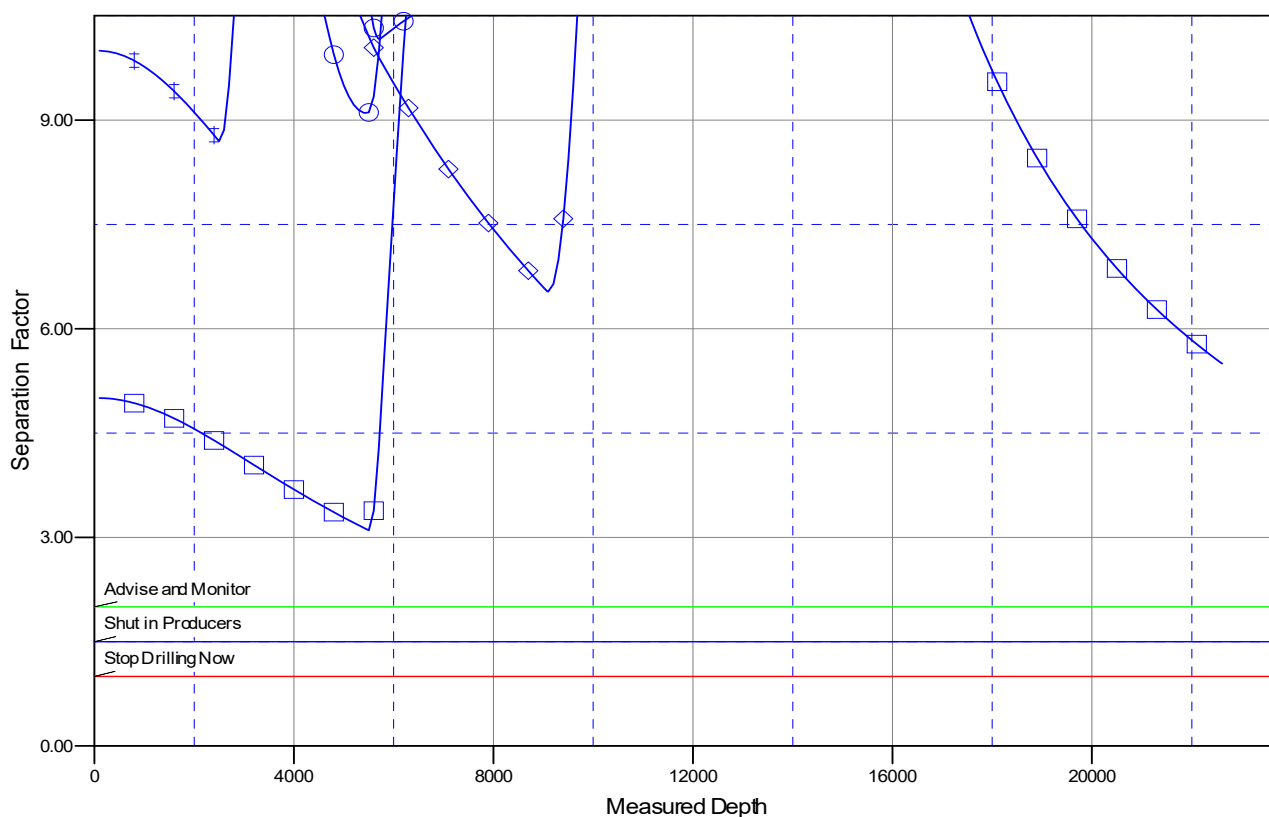
Central Meridian is 104° 20' 0.000 W

Coordinates are relative to: BEDLINGTON FED COM 703H

Coordinate System is US State Plane 1927 (Exact solution), New Mexico East 30

Grid Convergence at Surface is: 0.37°

## Separation Factor Plot



## LEGEND

|  |                                       |  |                                       |  |                                       |
|--|---------------------------------------|--|---------------------------------------|--|---------------------------------------|
|  | BEDLINGTON FED COM 702H, OWB, PWP2 V0 |  | BEDLINGTON FED COM 501H, OWB, PWP1 V0 |  | BEDLINGTON FED COM 301H, OWB, PWP1 V0 |
|  | BEDLINGTON FED COM 202H, OWB, PWP2 V0 |  | COK 35 FED 2H, OWB, AWP V0            |  | BEDLINGTON FED COM 701H, OWB, PWP2 V0 |
|  | BEDLINGTON FED COM 303H, OWB, PWP1 V0 |  | BEDLINGTON FED COM 302H, OWB, PWP1 V0 |  | BEDLINGTON FED COM 503H, OWB, PWP1 V0 |
|  | BEDLINGTON FED COM 502H, OWB, PWP1 V0 |  | BEDLINGTON FED COM 201H, OWB, PWP2 V0 |  |                                       |

# **DELAWARE BASIN EAST**

**BULLDOG PROSPECT (NM-E)**

**BEDLINGTON FEDERAL PROJECT (BULLDOG 2332)**

**BEDLINGTON FED COM 703H**

**OWB**

**Plan: PWP2**

## **Standard Survey Report**

**08 January, 2021**

## Concho Resources LLC

## Survey Report

|                  |                                           |                                     |                               |
|------------------|-------------------------------------------|-------------------------------------|-------------------------------|
| <b>Company:</b>  | DELAWARE BASIN EAST                       | <b>Local Co-ordinate Reference:</b> | Well BEDLINGTON FED COM 703H  |
| <b>Project:</b>  | BULLDOG PROSPECT (NM-E)                   | <b>TVD Reference:</b>               | KB=26' @ 3649.0usft (McVay 8) |
| <b>Site:</b>     | BEDLINGTON FEDERAL PROJECT (BULLDOG 2332) | <b>MD Reference:</b>                | KB=26' @ 3649.0usft (McVay 8) |
| <b>Well:</b>     | BEDLINGTON FED COM 703H                   | <b>North Reference:</b>             | Grid                          |
| <b>Wellbore:</b> | OWB                                       | <b>Survey Calculation Method:</b>   | Minimum Curvature             |
| <b>Design:</b>   | PWP2                                      | <b>Database:</b>                    | edm                           |

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

|                             |                         |          |                            |                   |
|-----------------------------|-------------------------|----------|----------------------------|-------------------|
| <b>Well</b>                 | BEDLINGTON FED COM 703H |          |                            |                   |
| <b>Well Position</b>        | <b>+N/-S</b>            | 0.0 usft | <b>Northing:</b>           | 456,936.27 usfi   |
|                             | <b>+E/-W</b>            | 0.0 usft | <b>Easting:</b>            | 711,943.43 usfi   |
| <b>Position Uncertainty</b> |                         | 3.0 usft | <b>Wellhead Elevation:</b> | usfi              |
|                             |                         |          | <b>Latitude:</b>           | 32° 15' 15.748 N  |
|                             |                         |          | <b>Longitude:</b>          | 103° 38' 51.867 W |
|                             |                         |          | <b>Ground Level:</b>       | 3,623.0 usfi      |

|                 |     |
|-----------------|-----|
| <b>Wellbore</b> | OWB |
|-----------------|-----|

| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
|-----------|------------|-------------|-----------------|---------------|---------------------|
|           | IGRF2020   | 1/8/2021    | 6.63            | 59.93         | 47,547.69195190     |

|                          |                                |                     |                      |                      |
|--------------------------|--------------------------------|---------------------|----------------------|----------------------|
| <b>Design</b>            | PWP2                           |                     |                      |                      |
| <b>Audit Notes:</b>      |                                |                     |                      |                      |
| <b>Version:</b>          | <b>Phase:</b>                  | PLAN                | <b>Tie On Depth:</b> | 0.0                  |
| <b>Vertical Section:</b> | <b>Depth From (TVD) (usft)</b> | <b>+N/-S (usft)</b> | <b>+E/-W (usft)</b>  | <b>Direction (°)</b> |
|                          | 0.0                            | 0.0                 | 0.0                  | 2.63                 |

| <b>Survey Tool Program</b> | <b>Date</b> | 1/8/2021          |                     |                                    |
|----------------------------|-------------|-------------------|---------------------|------------------------------------|
| From (usft)                | To (usft)   | Survey (Wellbore) | Tool Name           | Description                        |
| 0.0                        | 0.0         | PWP2 (OWB)        | Standard Keeper 104 | Standard Wireline Keeper ver 1.0.4 |
| 11,791.0                   | 22,611.5    | PWP2 (OWB)        | MWD+IFR1+FDIR       | OWSG MWD + IFR1 + FDIR Correction  |

| <b>Planned Survey</b> |                 |             |                       |              |              |                         |                         |                        |                       |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 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                 | 0.00            | 0.00        | 100.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 200.0                 | 0.00            | 0.00        | 200.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 300.0                 | 0.00            | 0.00        | 300.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 400.0                 | 0.00            | 0.00        | 400.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 500.0                 | 0.00            | 0.00        | 500.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 600.0                 | 0.00            | 0.00        | 600.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 700.0                 | 0.00            | 0.00        | 700.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 800.0                 | 0.00            | 0.00        | 800.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 900.0                 | 0.00            | 0.00        | 900.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 1,000.0               | 0.00            | 0.00        | 1,000.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 1,100.0               | 0.00            | 0.00        | 1,100.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 1,200.0               | 0.00            | 0.00        | 1,200.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 1,300.0               | 0.00            | 0.00        | 1,300.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |

## Concho Resources LLC

## Survey Report

|                  |                                           |                                     |                               |
|------------------|-------------------------------------------|-------------------------------------|-------------------------------|
| <b>Company:</b>  | DELAWARE BASIN EAST                       | <b>Local Co-ordinate Reference:</b> | Well BEDLINGTON FED COM 703H  |
| <b>Project:</b>  | BULLDOG PROSPECT (NM-E)                   | <b>TVD Reference:</b>               | KB=26' @ 3649.0usft (McVay 8) |
| <b>Site:</b>     | BEDLINGTON FEDERAL PROJECT (BULLDOG 2332) | <b>MD Reference:</b>                | KB=26' @ 3649.0usft (McVay 8) |
| <b>Well:</b>     | BEDLINGTON FED COM 703H                   | <b>North Reference:</b>             | Grid                          |
| <b>Wellbore:</b> | OWB                                       | <b>Survey Calculation Method:</b>   | Minimum Curvature             |
| <b>Design:</b>   | PWP2                                      | <b>Database:</b>                    | edm                           |

| Planned 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) |
| 1,400.0               | 0.00            | 0.00        | 1,400.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 1,500.0               | 0.00            | 0.00        | 1,500.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 1,600.0               | 0.00            | 0.00        | 1,600.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 1,700.0               | 0.00            | 0.00        | 1,700.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 1,800.0               | 0.00            | 0.00        | 1,800.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 1,900.0               | 0.00            | 0.00        | 1,900.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 2,000.0               | 0.00            | 0.00        | 2,000.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 2,100.0               | 0.00            | 0.00        | 2,100.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 2,200.0               | 0.00            | 0.00        | 2,200.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 2,300.0               | 0.00            | 0.00        | 2,300.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 2,400.0               | 0.00            | 0.00        | 2,400.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 2,500.0               | 0.00            | 0.00        | 2,500.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 2,600.0               | 0.00            | 0.00        | 2,600.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 2,700.0               | 0.00            | 0.00        | 2,700.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 2,800.0               | 0.00            | 0.00        | 2,800.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 2,900.0               | 0.00            | 0.00        | 2,900.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 3,000.0               | 0.00            | 0.00        | 3,000.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 3,100.0               | 0.00            | 0.00        | 3,100.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 3,200.0               | 0.00            | 0.00        | 3,200.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 3,300.0               | 0.00            | 0.00        | 3,300.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 3,400.0               | 0.00            | 0.00        | 3,400.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 3,500.0               | 0.00            | 0.00        | 3,500.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 3,600.0               | 0.00            | 0.00        | 3,600.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 3,700.0               | 0.00            | 0.00        | 3,700.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 3,800.0               | 0.00            | 0.00        | 3,800.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 3,900.0               | 0.00            | 0.00        | 3,900.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 4,000.0               | 0.00            | 0.00        | 4,000.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 4,100.0               | 0.00            | 0.00        | 4,100.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 4,200.0               | 0.00            | 0.00        | 4,200.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 4,300.0               | 0.00            | 0.00        | 4,300.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 4,400.0               | 0.00            | 0.00        | 4,400.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 4,500.0               | 0.00            | 0.00        | 4,500.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 4,600.0               | 0.00            | 0.00        | 4,600.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 4,700.0               | 0.00            | 0.00        | 4,700.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 4,800.0               | 0.00            | 0.00        | 4,800.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 4,900.0               | 0.00            | 0.00        | 4,900.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 5,000.0               | 0.00            | 0.00        | 5,000.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 5,100.0               | 0.00            | 0.00        | 5,100.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 5,200.0               | 0.00            | 0.00        | 5,200.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 5,300.0               | 0.00            | 0.00        | 5,300.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 5,400.0               | 0.00            | 0.00        | 5,400.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 5,500.0               | 0.00            | 0.00        | 5,500.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |

## Concho Resources LLC

## Survey Report

|                  |                                           |                                     |                               |
|------------------|-------------------------------------------|-------------------------------------|-------------------------------|
| <b>Company:</b>  | DELAWARE BASIN EAST                       | <b>Local Co-ordinate Reference:</b> | Well BEDLINGTON FED COM 703H  |
| <b>Project:</b>  | BULLDOG PROSPECT (NM-E)                   | <b>TVD Reference:</b>               | KB=26' @ 3649.0usft (McVay 8) |
| <b>Site:</b>     | BEDLINGTON FEDERAL PROJECT (BULLDOG 2332) | <b>MD Reference:</b>                | KB=26' @ 3649.0usft (McVay 8) |
| <b>Well:</b>     | BEDLINGTON FED COM 703H                   | <b>North Reference:</b>             | Grid                          |
| <b>Wellbore:</b> | OWB                                       | <b>Survey Calculation Method:</b>   | Minimum Curvature             |
| <b>Design:</b>   | PWP2                                      | <b>Database:</b>                    | edm                           |

## Planned 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) |
|---------------------------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| <b>Start Build 2.00</b>               |                 |             |                       |              |              |                         |                         |                        |                       |
| 5,600.0                               | 2.00            | 109.16      | 5,600.0               | -0.6         | 1.6          | -0.5                    | 2.00                    | 2.00                   | 0.00                  |
| 5,700.0                               | 4.00            | 109.16      | 5,699.8               | -2.3         | 6.6          | -2.0                    | 2.00                    | 2.00                   | 0.00                  |
| 5,740.7                               | 4.81            | 109.16      | 5,740.4               | -3.3         | 9.5          | -2.9                    | 2.00                    | 2.00                   | 0.00                  |
| <b>Start 6061.8 hold at 5740.7 MD</b> |                 |             |                       |              |              |                         |                         |                        |                       |
| 5,800.0                               | 4.81            | 109.16      | 5,799.5               | -5.0         | 14.2         | -4.3                    | 0.00                    | 0.00                   | 0.00                  |
| 5,900.0                               | 4.81            | 109.16      | 5,899.2               | -7.7         | 22.2         | -6.7                    | 0.00                    | 0.00                   | 0.00                  |
| 6,000.0                               | 4.81            | 109.16      | 5,998.8               | -10.5        | 30.1         | -9.1                    | 0.00                    | 0.00                   | 0.00                  |
| 6,100.0                               | 4.81            | 109.16      | 6,098.4               | -13.2        | 38.0         | -11.5                   | 0.00                    | 0.00                   | 0.00                  |
| 6,200.0                               | 4.81            | 109.16      | 6,198.1               | -16.0        | 45.9         | -13.8                   | 0.00                    | 0.00                   | 0.00                  |
| 6,300.0                               | 4.81            | 109.16      | 6,297.7               | -18.7        | 53.9         | -16.2                   | 0.00                    | 0.00                   | 0.00                  |
| 6,400.0                               | 4.81            | 109.16      | 6,397.4               | -21.5        | 61.8         | -18.6                   | 0.00                    | 0.00                   | 0.00                  |
| 6,500.0                               | 4.81            | 109.16      | 6,497.0               | -24.2        | 69.7         | -21.0                   | 0.00                    | 0.00                   | 0.00                  |
| 6,600.0                               | 4.81            | 109.16      | 6,596.7               | -27.0        | 77.7         | -23.4                   | 0.00                    | 0.00                   | 0.00                  |
| 6,700.0                               | 4.81            | 109.16      | 6,696.3               | -29.7        | 85.6         | -25.8                   | 0.00                    | 0.00                   | 0.00                  |
| 6,800.0                               | 4.81            | 109.16      | 6,796.0               | -32.5        | 93.5         | -28.2                   | 0.00                    | 0.00                   | 0.00                  |
| 6,900.0                               | 4.81            | 109.16      | 6,895.6               | -35.3        | 101.4        | -30.6                   | 0.00                    | 0.00                   | 0.00                  |
| 7,000.0                               | 4.81            | 109.16      | 6,995.3               | -38.0        | 109.4        | -33.0                   | 0.00                    | 0.00                   | 0.00                  |
| 7,100.0                               | 4.81            | 109.16      | 7,094.9               | -40.8        | 117.3        | -35.3                   | 0.00                    | 0.00                   | 0.00                  |
| 7,200.0                               | 4.81            | 109.16      | 7,194.6               | -43.5        | 125.2        | -37.7                   | 0.00                    | 0.00                   | 0.00                  |
| 7,300.0                               | 4.81            | 109.16      | 7,294.2               | -46.3        | 133.1        | -40.1                   | 0.00                    | 0.00                   | 0.00                  |
| 7,400.0                               | 4.81            | 109.16      | 7,393.9               | -49.0        | 141.1        | -42.5                   | 0.00                    | 0.00                   | 0.00                  |
| 7,500.0                               | 4.81            | 109.16      | 7,493.5               | -51.8        | 149.0        | -44.9                   | 0.00                    | 0.00                   | 0.00                  |
| 7,600.0                               | 4.81            | 109.16      | 7,593.2               | -54.5        | 156.9        | -47.3                   | 0.00                    | 0.00                   | 0.00                  |
| 7,700.0                               | 4.81            | 109.16      | 7,692.8               | -57.3        | 164.8        | -49.7                   | 0.00                    | 0.00                   | 0.00                  |
| 7,800.0                               | 4.81            | 109.16      | 7,792.5               | -60.0        | 172.8        | -52.1                   | 0.00                    | 0.00                   | 0.00                  |
| 7,900.0                               | 4.81            | 109.16      | 7,892.1               | -62.8        | 180.7        | -54.5                   | 0.00                    | 0.00                   | 0.00                  |
| 8,000.0                               | 4.81            | 109.16      | 7,991.7               | -65.6        | 188.6        | -56.8                   | 0.00                    | 0.00                   | 0.00                  |
| 8,100.0                               | 4.81            | 109.16      | 8,091.4               | -68.3        | 196.5        | -59.2                   | 0.00                    | 0.00                   | 0.00                  |
| 8,200.0                               | 4.81            | 109.16      | 8,191.0               | -71.1        | 204.5        | -61.6                   | 0.00                    | 0.00                   | 0.00                  |
| 8,300.0                               | 4.81            | 109.16      | 8,290.7               | -73.8        | 212.4        | -64.0                   | 0.00                    | 0.00                   | 0.00                  |
| 8,400.0                               | 4.81            | 109.16      | 8,390.3               | -76.6        | 220.3        | -66.4                   | 0.00                    | 0.00                   | 0.00                  |
| 8,500.0                               | 4.81            | 109.16      | 8,490.0               | -79.3        | 228.2        | -68.8                   | 0.00                    | 0.00                   | 0.00                  |
| 8,600.0                               | 4.81            | 109.16      | 8,589.6               | -82.1        | 236.2        | -71.2                   | 0.00                    | 0.00                   | 0.00                  |
| 8,700.0                               | 4.81            | 109.16      | 8,689.3               | -84.8        | 244.1        | -73.6                   | 0.00                    | 0.00                   | 0.00                  |
| 8,800.0                               | 4.81            | 109.16      | 8,788.9               | -87.6        | 252.0        | -75.9                   | 0.00                    | 0.00                   | 0.00                  |
| 8,900.0                               | 4.81            | 109.16      | 8,888.6               | -90.3        | 260.0        | -78.3                   | 0.00                    | 0.00                   | 0.00                  |
| 9,000.0                               | 4.81            | 109.16      | 8,988.2               | -93.1        | 267.9        | -80.7                   | 0.00                    | 0.00                   | 0.00                  |
| 9,100.0                               | 4.81            | 109.16      | 9,087.9               | -95.9        | 275.8        | -83.1                   | 0.00                    | 0.00                   | 0.00                  |
| 9,200.0                               | 4.81            | 109.16      | 9,187.5               | -98.6        | 283.7        | -85.5                   | 0.00                    | 0.00                   | 0.00                  |
| 9,300.0                               | 4.81            | 109.16      | 9,287.2               | -101.4       | 291.7        | -87.9                   | 0.00                    | 0.00                   | 0.00                  |
| 9,400.0                               | 4.81            | 109.16      | 9,386.8               | -104.1       | 299.6        | -90.3                   | 0.00                    | 0.00                   | 0.00                  |
| 9,500.0                               | 4.81            | 109.16      | 9,486.5               | -106.9       | 307.5        | -92.7                   | 0.00                    | 0.00                   | 0.00                  |

## Concho Resources LLC

## Survey Report

|                  |                                           |                                     |                               |
|------------------|-------------------------------------------|-------------------------------------|-------------------------------|
| <b>Company:</b>  | DELAWARE BASIN EAST                       | <b>Local Co-ordinate Reference:</b> | Well BEDLINGTON FED COM 703H  |
| <b>Project:</b>  | BULLDOG PROSPECT (NM-E)                   | <b>TVD Reference:</b>               | KB=26' @ 3649.0usft (McVay 8) |
| <b>Site:</b>     | BEDLINGTON FEDERAL PROJECT (BULLDOG 2332) | <b>MD Reference:</b>                | KB=26' @ 3649.0usft (McVay 8) |
| <b>Well:</b>     | BEDLINGTON FED COM 703H                   | <b>North Reference:</b>             | Grid                          |
| <b>Wellbore:</b> | OWB                                       | <b>Survey Calculation Method:</b>   | Minimum Curvature             |
| <b>Design:</b>   | PWP2                                      | <b>Database:</b>                    | edm                           |

| Planned 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) |
| 9,600.0                                | 4.81            | 109.16      | 9,586.1               | -109.6       | 315.4        | -95.1                   | 0.00                    | 0.00                   | 0.00                  |
| 9,700.0                                | 4.81            | 109.16      | 9,685.8               | -112.4       | 323.4        | -97.4                   | 0.00                    | 0.00                   | 0.00                  |
| 9,800.0                                | 4.81            | 109.16      | 9,785.4               | -115.1       | 331.3        | -99.8                   | 0.00                    | 0.00                   | 0.00                  |
| 9,900.0                                | 4.81            | 109.16      | 9,885.0               | -117.9       | 339.2        | -102.2                  | 0.00                    | 0.00                   | 0.00                  |
| 10,000.0                               | 4.81            | 109.16      | 9,984.7               | -120.6       | 347.1        | -104.6                  | 0.00                    | 0.00                   | 0.00                  |
| 10,100.0                               | 4.81            | 109.16      | 10,084.3              | -123.4       | 355.1        | -107.0                  | 0.00                    | 0.00                   | 0.00                  |
| 10,200.0                               | 4.81            | 109.16      | 10,184.0              | -126.2       | 363.0        | -109.4                  | 0.00                    | 0.00                   | 0.00                  |
| 10,300.0                               | 4.81            | 109.16      | 10,283.6              | -128.9       | 370.9        | -111.8                  | 0.00                    | 0.00                   | 0.00                  |
| 10,400.0                               | 4.81            | 109.16      | 10,383.3              | -131.7       | 378.8        | -114.2                  | 0.00                    | 0.00                   | 0.00                  |
| 10,500.0                               | 4.81            | 109.16      | 10,482.9              | -134.4       | 386.8        | -116.6                  | 0.00                    | 0.00                   | 0.00                  |
| 10,600.0                               | 4.81            | 109.16      | 10,582.6              | -137.2       | 394.7        | -118.9                  | 0.00                    | 0.00                   | 0.00                  |
| 10,700.0                               | 4.81            | 109.16      | 10,682.2              | -139.9       | 402.6        | -121.3                  | 0.00                    | 0.00                   | 0.00                  |
| 10,800.0                               | 4.81            | 109.16      | 10,781.9              | -142.7       | 410.5        | -123.7                  | 0.00                    | 0.00                   | 0.00                  |
| 10,900.0                               | 4.81            | 109.16      | 10,881.5              | -145.4       | 418.5        | -126.1                  | 0.00                    | 0.00                   | 0.00                  |
| 11,000.0                               | 4.81            | 109.16      | 10,981.2              | -148.2       | 426.4        | -128.5                  | 0.00                    | 0.00                   | 0.00                  |
| 11,100.0                               | 4.81            | 109.16      | 11,080.8              | -150.9       | 434.3        | -130.9                  | 0.00                    | 0.00                   | 0.00                  |
| 11,200.0                               | 4.81            | 109.16      | 11,180.5              | -153.7       | 442.2        | -133.3                  | 0.00                    | 0.00                   | 0.00                  |
| 11,300.0                               | 4.81            | 109.16      | 11,280.1              | -156.5       | 450.2        | -135.7                  | 0.00                    | 0.00                   | 0.00                  |
| 11,400.0                               | 4.81            | 109.16      | 11,379.8              | -159.2       | 458.1        | -138.1                  | 0.00                    | 0.00                   | 0.00                  |
| 11,500.0                               | 4.81            | 109.16      | 11,479.4              | -162.0       | 466.0        | -140.4                  | 0.00                    | 0.00                   | 0.00                  |
| 11,600.0                               | 4.81            | 109.16      | 11,579.1              | -164.7       | 474.0        | -142.8                  | 0.00                    | 0.00                   | 0.00                  |
| 11,700.0                               | 4.81            | 109.16      | 11,678.7              | -167.5       | 481.9        | -145.2                  | 0.00                    | 0.00                   | 0.00                  |
| 11,800.0                               | 4.81            | 109.16      | 11,778.3              | -170.2       | 489.8        | -147.6                  | 0.00                    | 0.00                   | 0.00                  |
| 11,802.5                               | 4.81            | 109.16      | 11,780.8              | -170.3       | 490.0        | -147.7                  | 0.00                    | 0.00                   | 0.00                  |
| <b>Start DLS 10.00 TFO -109.46</b>     |                 |             |                       |              |              |                         |                         |                        |                       |
| 11,900.0                               | 9.32            | 28.57       | 11,877.8              | -164.7       | 497.7        | -141.7                  | 10.00                   | 4.62                   | -82.63                |
| 12,000.0                               | 18.69           | 13.21       | 11,974.7              | -141.9       | 505.2        | -118.6                  | 10.00                   | 9.37                   | -15.36                |
| 12,100.0                               | 28.48           | 8.05        | 12,066.3              | -102.6       | 512.2        | -79.0                   | 10.00                   | 9.79                   | -5.16                 |
| 12,200.0                               | 38.37           | 5.39        | 12,149.6              | -48.0        | 518.5        | -24.2                   | 10.00                   | 9.89                   | -2.66                 |
| 12,300.0                               | 48.31           | 3.69        | 12,222.3              | 20.4         | 523.8        | 44.3                    | 10.00                   | 9.93                   | -1.70                 |
| 12,400.0                               | 58.26           | 2.45        | 12,282.0              | 100.3        | 528.1        | 124.4                   | 10.00                   | 9.95                   | -1.24                 |
| 12,500.0                               | 68.22           | 1.46        | 12,326.9              | 189.4        | 531.1        | 213.6                   | 10.00                   | 9.96                   | -1.00                 |
| 12,600.0                               | 78.18           | 0.59        | 12,355.8              | 285.0        | 532.8        | 309.1                   | 10.00                   | 9.97                   | -0.87                 |
| 12,700.0                               | 88.15           | 359.79      | 12,367.7              | 384.2        | 533.1        | 408.2                   | 10.00                   | 9.97                   | -0.80                 |
| 12,717.4                               | 89.88           | 359.65      | 12,368.0              | 401.6        | 533.0        | 425.6                   | 10.00                   | 9.97                   | -0.79                 |
| <b>Start 9894.2 hold at 12717.4 MD</b> |                 |             |                       |              |              |                         |                         |                        |                       |
| 12,800.0                               | 89.88           | 359.65      | 12,368.1              | 484.2        | 532.5        | 508.1                   | 0.00                    | 0.00                   | 0.00                  |
| 12,900.0                               | 89.88           | 359.65      | 12,368.3              | 584.2        | 531.9        | 607.9                   | 0.00                    | 0.00                   | 0.00                  |
| 13,000.0                               | 89.88           | 359.65      | 12,368.6              | 684.2        | 531.3        | 707.8                   | 0.00                    | 0.00                   | 0.00                  |
| 13,100.0                               | 89.88           | 359.65      | 12,368.8              | 784.2        | 530.7        | 807.7                   | 0.00                    | 0.00                   | 0.00                  |
| 13,200.0                               | 89.88           | 359.65      | 12,369.0              | 884.2        | 530.0        | 907.5                   | 0.00                    | 0.00                   | 0.00                  |
| 13,300.0                               | 89.88           | 359.65      | 12,369.2              | 984.2        | 529.4        | 1,007.4                 | 0.00                    | 0.00                   | 0.00                  |
| 13,400.0                               | 89.88           | 359.65      | 12,369.4              | 1,084.2      | 528.8        | 1,107.3                 | 0.00                    | 0.00                   | 0.00                  |

## Concho Resources LLC

## Survey Report

|                  |                                           |                                     |                               |
|------------------|-------------------------------------------|-------------------------------------|-------------------------------|
| <b>Company:</b>  | DELAWARE BASIN EAST                       | <b>Local Co-ordinate Reference:</b> | Well BEDLINGTON FED COM 703H  |
| <b>Project:</b>  | BULLDOG PROSPECT (NM-E)                   | <b>TVD Reference:</b>               | KB=26' @ 3649.0usft (McVay 8) |
| <b>Site:</b>     | BEDLINGTON FEDERAL PROJECT (BULLDOG 2332) | <b>MD Reference:</b>                | KB=26' @ 3649.0usft (McVay 8) |
| <b>Well:</b>     | BEDLINGTON FED COM 703H                   | <b>North Reference:</b>             | Grid                          |
| <b>Wellbore:</b> | OWB                                       | <b>Survey Calculation Method:</b>   | Minimum Curvature             |
| <b>Design:</b>   | PWP2                                      | <b>Database:</b>                    | edm                           |

## Planned 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) |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 13,500.0              | 89.88           | 359.65      | 12,369.6              | 1,184.2      | 528.2        | 1,207.1                 | 0.00                    | 0.00                   | 0.00                  |
| 13,600.0              | 89.88           | 359.65      | 12,369.8              | 1,284.2      | 527.6        | 1,307.0                 | 0.00                    | 0.00                   | 0.00                  |
| 13,700.0              | 89.88           | 359.65      | 12,370.0              | 1,384.2      | 527.0        | 1,406.9                 | 0.00                    | 0.00                   | 0.00                  |
| 13,800.0              | 89.88           | 359.65      | 12,370.2              | 1,484.2      | 526.4        | 1,506.7                 | 0.00                    | 0.00                   | 0.00                  |
| 13,900.0              | 89.88           | 359.65      | 12,370.4              | 1,584.2      | 525.8        | 1,606.6                 | 0.00                    | 0.00                   | 0.00                  |
| 14,000.0              | 89.88           | 359.65      | 12,370.6              | 1,684.2      | 525.1        | 1,706.5                 | 0.00                    | 0.00                   | 0.00                  |
| 14,100.0              | 89.88           | 359.65      | 12,370.8              | 1,784.2      | 524.5        | 1,806.3                 | 0.00                    | 0.00                   | 0.00                  |
| 14,200.0              | 89.88           | 359.65      | 12,371.0              | 1,884.2      | 523.9        | 1,906.2                 | 0.00                    | 0.00                   | 0.00                  |
| 14,300.0              | 89.88           | 359.65      | 12,371.2              | 1,984.1      | 523.3        | 2,006.0                 | 0.00                    | 0.00                   | 0.00                  |
| 14,400.0              | 89.88           | 359.65      | 12,371.4              | 2,084.1      | 522.7        | 2,105.9                 | 0.00                    | 0.00                   | 0.00                  |
| 14,500.0              | 89.88           | 359.65      | 12,371.6              | 2,184.1      | 522.1        | 2,205.8                 | 0.00                    | 0.00                   | 0.00                  |
| 14,600.0              | 89.88           | 359.65      | 12,371.8              | 2,284.1      | 521.5        | 2,305.6                 | 0.00                    | 0.00                   | 0.00                  |
| 14,700.0              | 89.88           | 359.65      | 12,372.0              | 2,384.1      | 520.9        | 2,405.5                 | 0.00                    | 0.00                   | 0.00                  |
| 14,800.0              | 89.88           | 359.65      | 12,372.2              | 2,484.1      | 520.2        | 2,505.4                 | 0.00                    | 0.00                   | 0.00                  |
| 14,900.0              | 89.88           | 359.65      | 12,372.4              | 2,584.1      | 519.6        | 2,605.2                 | 0.00                    | 0.00                   | 0.00                  |
| 15,000.0              | 89.88           | 359.65      | 12,372.6              | 2,684.1      | 519.0        | 2,705.1                 | 0.00                    | 0.00                   | 0.00                  |
| 15,100.0              | 89.88           | 359.65      | 12,372.8              | 2,784.1      | 518.4        | 2,805.0                 | 0.00                    | 0.00                   | 0.00                  |
| 15,200.0              | 89.88           | 359.65      | 12,373.0              | 2,884.1      | 517.8        | 2,904.8                 | 0.00                    | 0.00                   | 0.00                  |
| 15,300.0              | 89.88           | 359.65      | 12,373.2              | 2,984.1      | 517.2        | 3,004.7                 | 0.00                    | 0.00                   | 0.00                  |
| 15,400.0              | 89.88           | 359.65      | 12,373.4              | 3,084.1      | 516.6        | 3,104.6                 | 0.00                    | 0.00                   | 0.00                  |
| 15,500.0              | 89.88           | 359.65      | 12,373.6              | 3,184.1      | 516.0        | 3,204.4                 | 0.00                    | 0.00                   | 0.00                  |
| 15,600.0              | 89.88           | 359.65      | 12,373.8              | 3,284.1      | 515.3        | 3,304.3                 | 0.00                    | 0.00                   | 0.00                  |
| 15,700.0              | 89.88           | 359.65      | 12,374.0              | 3,384.1      | 514.7        | 3,404.2                 | 0.00                    | 0.00                   | 0.00                  |
| 15,800.0              | 89.88           | 359.65      | 12,374.2              | 3,484.1      | 514.1        | 3,504.0                 | 0.00                    | 0.00                   | 0.00                  |
| 15,900.0              | 89.88           | 359.65      | 12,374.4              | 3,584.1      | 513.5        | 3,603.9                 | 0.00                    | 0.00                   | 0.00                  |
| 16,000.0              | 89.88           | 359.65      | 12,374.6              | 3,684.1      | 512.9        | 3,703.7                 | 0.00                    | 0.00                   | 0.00                  |
| 16,100.0              | 89.88           | 359.65      | 12,374.8              | 3,784.1      | 512.3        | 3,803.6                 | 0.00                    | 0.00                   | 0.00                  |
| 16,200.0              | 89.88           | 359.65      | 12,375.0              | 3,884.1      | 511.7        | 3,903.5                 | 0.00                    | 0.00                   | 0.00                  |
| 16,300.0              | 89.88           | 359.65      | 12,375.2              | 3,984.1      | 511.0        | 4,003.3                 | 0.00                    | 0.00                   | 0.00                  |
| 16,400.0              | 89.88           | 359.65      | 12,375.4              | 4,084.1      | 510.4        | 4,103.2                 | 0.00                    | 0.00                   | 0.00                  |
| 16,500.0              | 89.88           | 359.65      | 12,375.6              | 4,184.1      | 509.8        | 4,203.1                 | 0.00                    | 0.00                   | 0.00                  |
| 16,600.0              | 89.88           | 359.65      | 12,375.8              | 4,284.1      | 509.2        | 4,302.9                 | 0.00                    | 0.00                   | 0.00                  |
| 16,700.0              | 89.88           | 359.65      | 12,376.0              | 4,384.1      | 508.6        | 4,402.8                 | 0.00                    | 0.00                   | 0.00                  |
| 16,800.0              | 89.88           | 359.65      | 12,376.2              | 4,484.1      | 508.0        | 4,502.7                 | 0.00                    | 0.00                   | 0.00                  |
| 16,900.0              | 89.88           | 359.65      | 12,376.4              | 4,584.1      | 507.4        | 4,602.5                 | 0.00                    | 0.00                   | 0.00                  |
| 17,000.0              | 89.88           | 359.65      | 12,376.6              | 4,684.1      | 506.8        | 4,702.4                 | 0.00                    | 0.00                   | 0.00                  |
| 17,100.0              | 89.88           | 359.65      | 12,376.8              | 4,784.1      | 506.1        | 4,802.3                 | 0.00                    | 0.00                   | 0.00                  |
| 17,200.0              | 89.88           | 359.65      | 12,377.0              | 4,884.1      | 505.5        | 4,902.1                 | 0.00                    | 0.00                   | 0.00                  |
| 17,300.0              | 89.88           | 359.65      | 12,377.3              | 4,984.1      | 504.9        | 5,002.0                 | 0.00                    | 0.00                   | 0.00                  |
| 17,400.0              | 89.88           | 359.65      | 12,377.5              | 5,084.1      | 504.3        | 5,101.9                 | 0.00                    | 0.00                   | 0.00                  |
| 17,500.0              | 89.88           | 359.65      | 12,377.7              | 5,184.1      | 503.7        | 5,201.7                 | 0.00                    | 0.00                   | 0.00                  |
| 17,600.0              | 89.88           | 359.65      | 12,377.9              | 5,284.1      | 503.1        | 5,301.6                 | 0.00                    | 0.00                   | 0.00                  |

## Concho Resources LLC

## Survey Report

|                  |                                           |                                     |                               |
|------------------|-------------------------------------------|-------------------------------------|-------------------------------|
| <b>Company:</b>  | DELAWARE BASIN EAST                       | <b>Local Co-ordinate Reference:</b> | Well BEDLINGTON FED COM 703H  |
| <b>Project:</b>  | BULLDOG PROSPECT (NM-E)                   | <b>TVD Reference:</b>               | KB=26' @ 3649.0usft (McVay 8) |
| <b>Site:</b>     | BEDLINGTON FEDERAL PROJECT (BULLDOG 2332) | <b>MD Reference:</b>                | KB=26' @ 3649.0usft (McVay 8) |
| <b>Well:</b>     | BEDLINGTON FED COM 703H                   | <b>North Reference:</b>             | Grid                          |
| <b>Wellbore:</b> | OWB                                       | <b>Survey Calculation Method:</b>   | Minimum Curvature             |
| <b>Design:</b>   | PWP2                                      | <b>Database:</b>                    | edm                           |

## Planned 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) |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 17,700.0              | 89.88           | 359.65      | 12,378.1              | 5,384.1      | 502.5        | 5,401.5                 | 0.00                    | 0.00                   | 0.00                  |
| 17,800.0              | 89.88           | 359.65      | 12,378.3              | 5,484.1      | 501.9        | 5,501.3                 | 0.00                    | 0.00                   | 0.00                  |
| 17,900.0              | 89.88           | 359.65      | 12,378.5              | 5,584.1      | 501.2        | 5,601.2                 | 0.00                    | 0.00                   | 0.00                  |
| 18,000.0              | 89.88           | 359.65      | 12,378.7              | 5,684.1      | 500.6        | 5,701.0                 | 0.00                    | 0.00                   | 0.00                  |
| 18,100.0              | 89.88           | 359.65      | 12,378.9              | 5,784.1      | 500.0        | 5,800.9                 | 0.00                    | 0.00                   | 0.00                  |
| 18,200.0              | 89.88           | 359.65      | 12,379.1              | 5,884.1      | 499.4        | 5,900.8                 | 0.00                    | 0.00                   | 0.00                  |
| 18,300.0              | 89.88           | 359.65      | 12,379.3              | 5,984.1      | 498.8        | 6,000.6                 | 0.00                    | 0.00                   | 0.00                  |
| 18,400.0              | 89.88           | 359.65      | 12,379.5              | 6,084.1      | 498.2        | 6,100.5                 | 0.00                    | 0.00                   | 0.00                  |
| 18,500.0              | 89.88           | 359.65      | 12,379.7              | 6,184.1      | 497.6        | 6,200.4                 | 0.00                    | 0.00                   | 0.00                  |
| 18,600.0              | 89.88           | 359.65      | 12,379.9              | 6,284.1      | 497.0        | 6,300.2                 | 0.00                    | 0.00                   | 0.00                  |
| 18,700.0              | 89.88           | 359.65      | 12,380.1              | 6,384.1      | 496.3        | 6,400.1                 | 0.00                    | 0.00                   | 0.00                  |
| 18,800.0              | 89.88           | 359.65      | 12,380.3              | 6,484.1      | 495.7        | 6,500.0                 | 0.00                    | 0.00                   | 0.00                  |
| 18,900.0              | 89.88           | 359.65      | 12,380.5              | 6,584.1      | 495.1        | 6,599.8                 | 0.00                    | 0.00                   | 0.00                  |
| 19,000.0              | 89.88           | 359.65      | 12,380.7              | 6,684.1      | 494.5        | 6,699.7                 | 0.00                    | 0.00                   | 0.00                  |
| 19,100.0              | 89.88           | 359.65      | 12,380.9              | 6,784.0      | 493.9        | 6,799.6                 | 0.00                    | 0.00                   | 0.00                  |
| 19,200.0              | 89.88           | 359.65      | 12,381.1              | 6,884.0      | 493.3        | 6,899.4                 | 0.00                    | 0.00                   | 0.00                  |
| 19,300.0              | 89.88           | 359.65      | 12,381.3              | 6,984.0      | 492.7        | 6,999.3                 | 0.00                    | 0.00                   | 0.00                  |
| 19,400.0              | 89.88           | 359.65      | 12,381.5              | 7,084.0      | 492.1        | 7,099.2                 | 0.00                    | 0.00                   | 0.00                  |
| 19,500.0              | 89.88           | 359.65      | 12,381.7              | 7,184.0      | 491.4        | 7,199.0                 | 0.00                    | 0.00                   | 0.00                  |
| 19,600.0              | 89.88           | 359.65      | 12,381.9              | 7,284.0      | 490.8        | 7,298.9                 | 0.00                    | 0.00                   | 0.00                  |
| 19,700.0              | 89.88           | 359.65      | 12,382.1              | 7,384.0      | 490.2        | 7,398.7                 | 0.00                    | 0.00                   | 0.00                  |
| 19,800.0              | 89.88           | 359.65      | 12,382.3              | 7,484.0      | 489.6        | 7,498.6                 | 0.00                    | 0.00                   | 0.00                  |
| 19,900.0              | 89.88           | 359.65      | 12,382.5              | 7,584.0      | 489.0        | 7,598.5                 | 0.00                    | 0.00                   | 0.00                  |
| 20,000.0              | 89.88           | 359.65      | 12,382.7              | 7,684.0      | 488.4        | 7,698.3                 | 0.00                    | 0.00                   | 0.00                  |
| 20,100.0              | 89.88           | 359.65      | 12,382.9              | 7,784.0      | 487.8        | 7,798.2                 | 0.00                    | 0.00                   | 0.00                  |
| 20,200.0              | 89.88           | 359.65      | 12,383.1              | 7,884.0      | 487.1        | 7,898.1                 | 0.00                    | 0.00                   | 0.00                  |
| 20,300.0              | 89.88           | 359.65      | 12,383.3              | 7,984.0      | 486.5        | 7,997.9                 | 0.00                    | 0.00                   | 0.00                  |
| 20,400.0              | 89.88           | 359.65      | 12,383.5              | 8,084.0      | 485.9        | 8,097.8                 | 0.00                    | 0.00                   | 0.00                  |
| 20,500.0              | 89.88           | 359.65      | 12,383.7              | 8,184.0      | 485.3        | 8,197.7                 | 0.00                    | 0.00                   | 0.00                  |
| 20,600.0              | 89.88           | 359.65      | 12,383.9              | 8,284.0      | 484.7        | 8,297.5                 | 0.00                    | 0.00                   | 0.00                  |
| 20,700.0              | 89.88           | 359.65      | 12,384.1              | 8,384.0      | 484.1        | 8,397.4                 | 0.00                    | 0.00                   | 0.00                  |
| 20,800.0              | 89.88           | 359.65      | 12,384.3              | 8,484.0      | 483.5        | 8,497.3                 | 0.00                    | 0.00                   | 0.00                  |
| 20,900.0              | 89.88           | 359.65      | 12,384.5              | 8,584.0      | 482.9        | 8,597.1                 | 0.00                    | 0.00                   | 0.00                  |
| 21,000.0              | 89.88           | 359.65      | 12,384.7              | 8,684.0      | 482.2        | 8,697.0                 | 0.00                    | 0.00                   | 0.00                  |
| 21,100.0              | 89.88           | 359.65      | 12,384.9              | 8,784.0      | 481.6        | 8,796.9                 | 0.00                    | 0.00                   | 0.00                  |
| 21,200.0              | 89.88           | 359.65      | 12,385.1              | 8,884.0      | 481.0        | 8,896.7                 | 0.00                    | 0.00                   | 0.00                  |
| 21,300.0              | 89.88           | 359.65      | 12,385.3              | 8,984.0      | 480.4        | 8,996.6                 | 0.00                    | 0.00                   | 0.00                  |
| 21,400.0              | 89.88           | 359.65      | 12,385.5              | 9,084.0      | 479.8        | 9,096.4                 | 0.00                    | 0.00                   | 0.00                  |
| 21,500.0              | 89.88           | 359.65      | 12,385.8              | 9,184.0      | 479.2        | 9,196.3                 | 0.00                    | 0.00                   | 0.00                  |
| 21,600.0              | 89.88           | 359.65      | 12,386.0              | 9,284.0      | 478.6        | 9,296.2                 | 0.00                    | 0.00                   | 0.00                  |
| 21,700.0              | 89.88           | 359.65      | 12,386.2              | 9,384.0      | 478.0        | 9,396.0                 | 0.00                    | 0.00                   | 0.00                  |
| 21,800.0              | 89.88           | 359.65      | 12,386.4              | 9,484.0      | 477.3        | 9,495.9                 | 0.00                    | 0.00                   | 0.00                  |
| 21,900.0              | 89.88           | 359.65      | 12,386.6              | 9,584.0      | 476.7        | 9,595.8                 | 0.00                    | 0.00                   | 0.00                  |

## Concho Resources LLC

## Survey Report

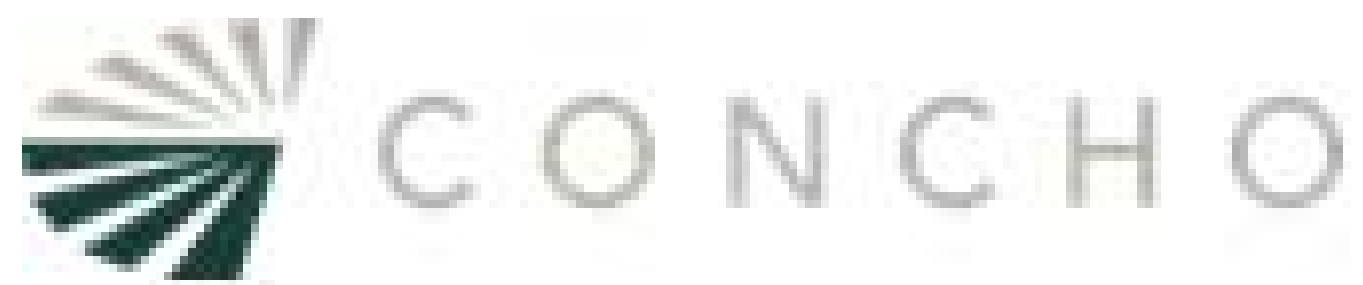
|                  |                                           |                                     |                               |
|------------------|-------------------------------------------|-------------------------------------|-------------------------------|
| <b>Company:</b>  | DELAWARE BASIN EAST                       | <b>Local Co-ordinate Reference:</b> | Well BEDLINGTON FED COM 703H  |
| <b>Project:</b>  | BULLDOG PROSPECT (NM-E)                   | <b>TVD Reference:</b>               | KB=26' @ 3649.0usft (McVay 8) |
| <b>Site:</b>     | BEDLINGTON FEDERAL PROJECT (BULLDOG 2332) | <b>MD Reference:</b>                | KB=26' @ 3649.0usft (McVay 8) |
| <b>Well:</b>     | BEDLINGTON FED COM 703H                   | <b>North Reference:</b>             | Grid                          |
| <b>Wellbore:</b> | OWB                                       | <b>Survey Calculation Method:</b>   | Minimum Curvature             |
| <b>Design:</b>   | PWP2                                      | <b>Database:</b>                    | edm                           |

| Planned 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) |  |
| 22,000.0              | 89.88           | 359.65      | 12,386.8              | 9,684.0      | 476.1        | 9,695.6                 | 0.00                    | 0.00                   | 0.00                  |  |
| 22,100.0              | 89.88           | 359.65      | 12,387.0              | 9,784.0      | 475.5        | 9,795.5                 | 0.00                    | 0.00                   | 0.00                  |  |
| 22,200.0              | 89.88           | 359.65      | 12,387.2              | 9,884.0      | 474.9        | 9,895.4                 | 0.00                    | 0.00                   | 0.00                  |  |
| 22,300.0              | 89.88           | 359.65      | 12,387.4              | 9,984.0      | 474.3        | 9,995.2                 | 0.00                    | 0.00                   | 0.00                  |  |
| 22,400.0              | 89.88           | 359.65      | 12,387.6              | 10,084.0     | 473.7        | 10,095.1                | 0.00                    | 0.00                   | 0.00                  |  |
| 22,500.0              | 89.88           | 359.65      | 12,387.8              | 10,184.0     | 473.1        | 10,195.0                | 0.00                    | 0.00                   | 0.00                  |  |
| 22,600.0              | 89.88           | 359.65      | 12,388.0              | 10,284.0     | 472.4        | 10,294.8                | 0.00                    | 0.00                   | 0.00                  |  |
| 22,611.5              | 89.88           | 359.65      | 12,388.0              | 10,295.5     | 472.4        | 10,306.3                | 0.00                    | 0.00                   | 0.00                  |  |
| TD at 22611.5         |                 |             |                       |              |              |                         |                         |                        |                       |  |

| Design Targets                                                                                                  |               |              |            |              |              |                 |                |                  |                   |  |
|-----------------------------------------------------------------------------------------------------------------|---------------|--------------|------------|--------------|--------------|-----------------|----------------|------------------|-------------------|--|
| Target Name                                                                                                     | Dip Angle (°) | Dip Dir. (°) | TVD (usft) | +N/-S (usft) | +E/-W (usft) | Northing (usft) | Easting (usft) | Latitude         | Longitude         |  |
| FTP (BEDLINGTON F<br>- hit/miss target<br>- Shape                                                               | 0.00          | 0.00         | 12,368.0   | -120.0       | 535.7        | 456,816.26      | 712,479.10     | 32° 15' 14.526 N | 103° 38' 45.638 W |  |
| - plan misses target center by 202.7usft at 12300.0usft MD (12222.3 TVD, 20.4 N, 523.8 E)                       |               |              |            |              |              |                 |                |                  |                   |  |
| - Circle (radius 50.0)                                                                                          |               |              |            |              |              |                 |                |                  |                   |  |
| LTP (BEDLINGTON F<br>- plan misses target center by 0.1usft at 22561.5usft MD (12387.9 TVD, 10245.5 N, 472.7 E) | 0.00          | 0.00         | 12,388.0   | 10,245.5     | 472.7        | 467,181.79      | 712,416.12     | 32° 16' 57.103 N | 103° 38' 45.598 W |  |
| - Point                                                                                                         |               |              |            |              |              |                 |                |                  |                   |  |
| PBHL (BEDLINGTON<br>- plan hits target center<br>- Rectangle (sides W100.0 H10,415.0 D20.0)                     | -0.12         | 179.65       | 12,388.0   | 10,295.5     | 472.4        | 467,231.78      | 712,415.80     | 32° 16' 57.598 N | 103° 38' 45.598 W |  |

| Plan Annotations      |                       |                   |              |                                 |  |
|-----------------------|-----------------------|-------------------|--------------|---------------------------------|--|
| Measured Depth (usft) | Vertical Depth (usft) | Local Coordinates |              | Comment                         |  |
|                       |                       | +N/-S (usft)      | +E/-W (usft) |                                 |  |
| 5500                  | 5500                  | 0                 | 0            | Start Build 2.00                |  |
| 5741                  | 5740                  | -3                | 10           | Start 6061.8 hold at 5740.7 MD  |  |
| 11,802                | 11,781                | -170              | 490          | Start DLS 10.00 TFO -109.46     |  |
| 12,717                | 12,368                | 402               | 533          | Start 9894.2 hold at 12717.4 MD |  |
| 22,612                | 12,388                | 10,296            | 472          | TD at 22611.5                   |  |

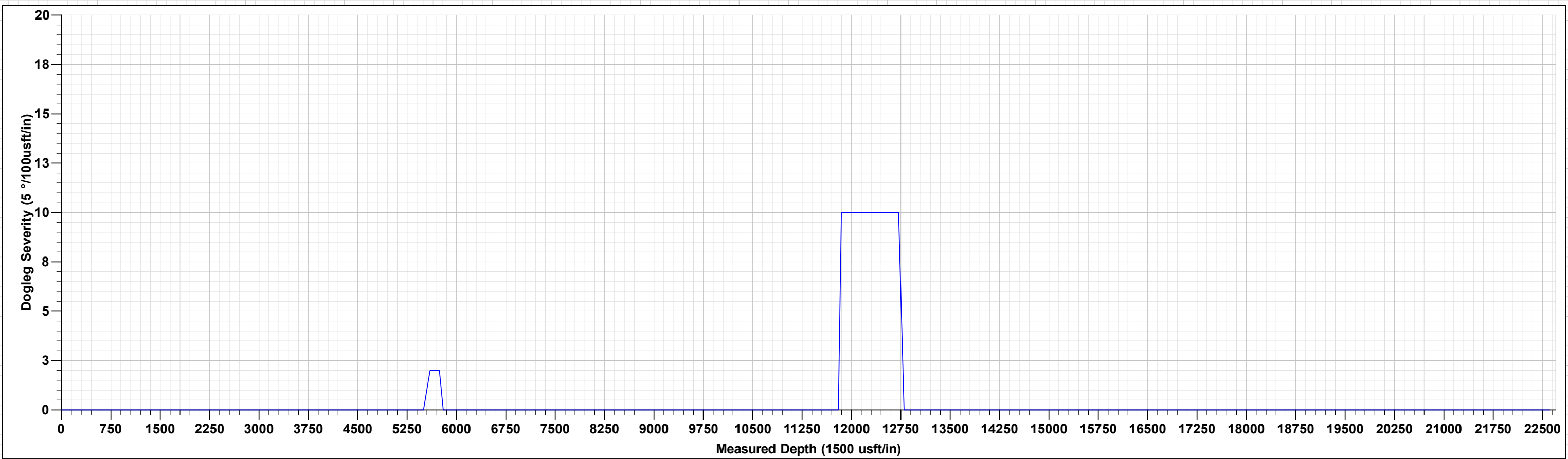
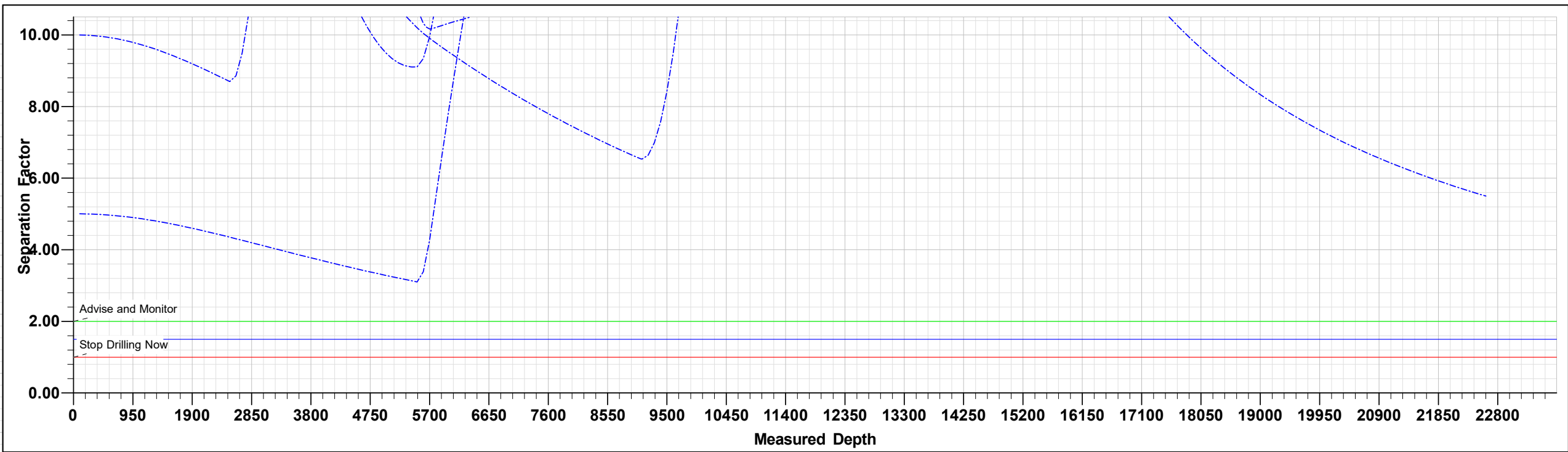
Checked By: \_\_\_\_\_ Approved By: \_\_\_\_\_ Date: \_\_\_\_\_



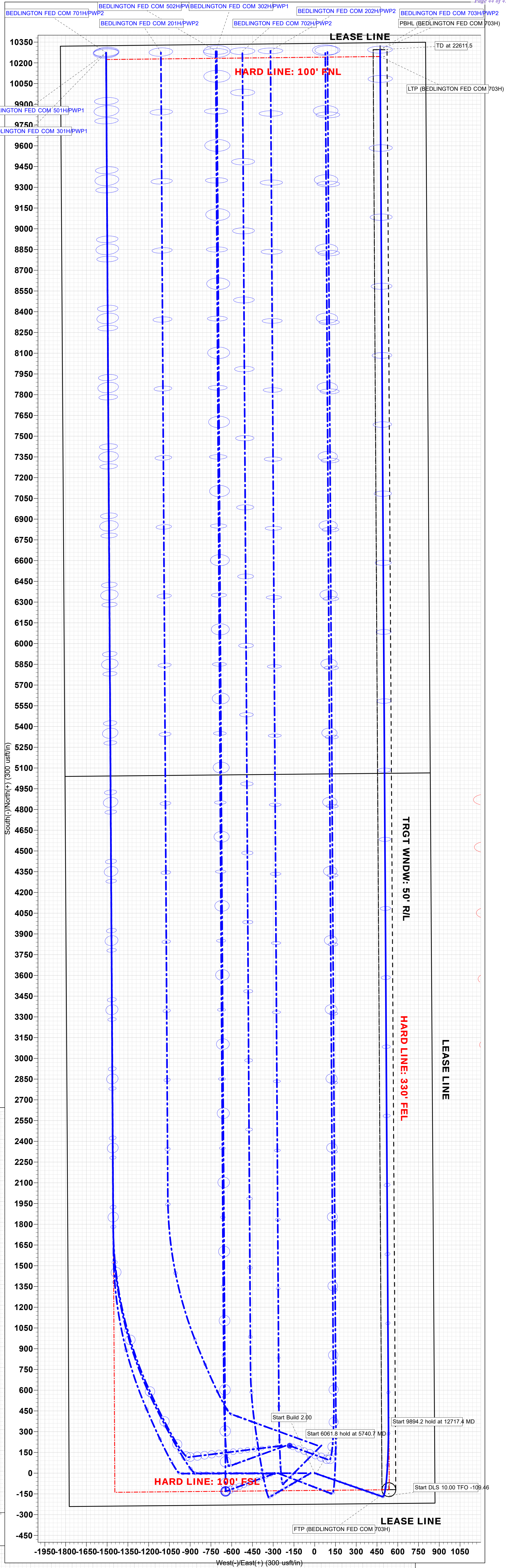
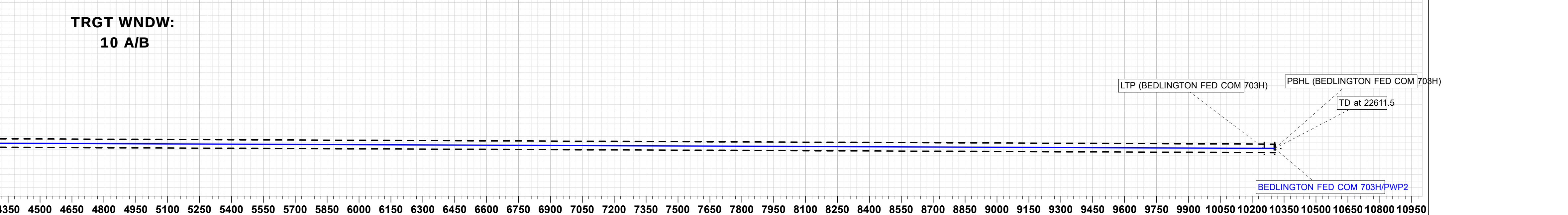
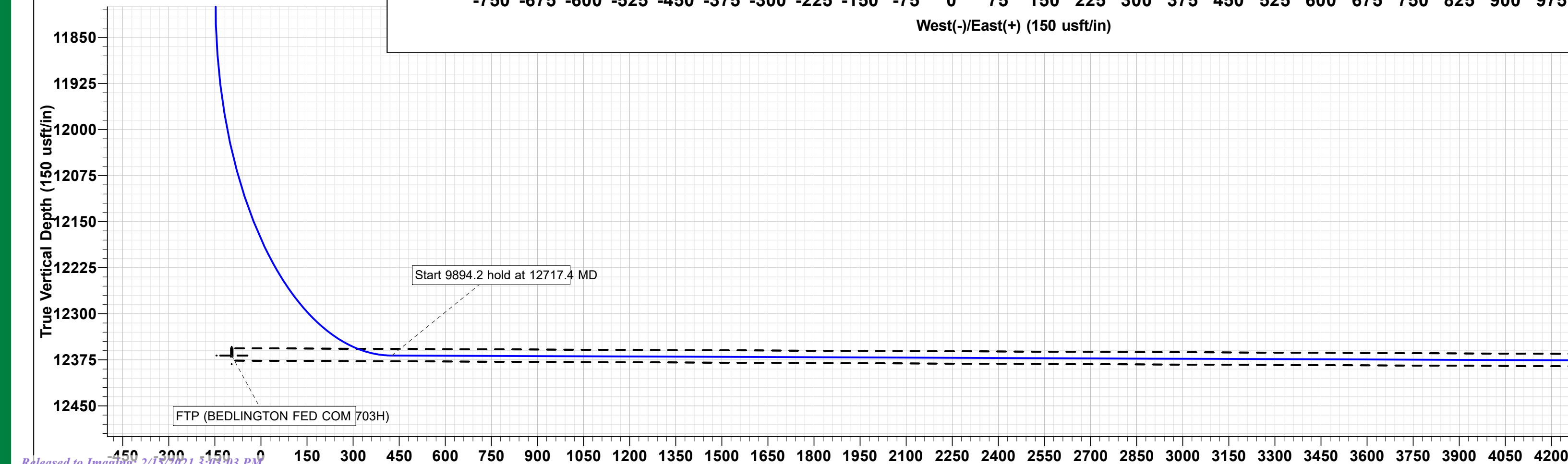
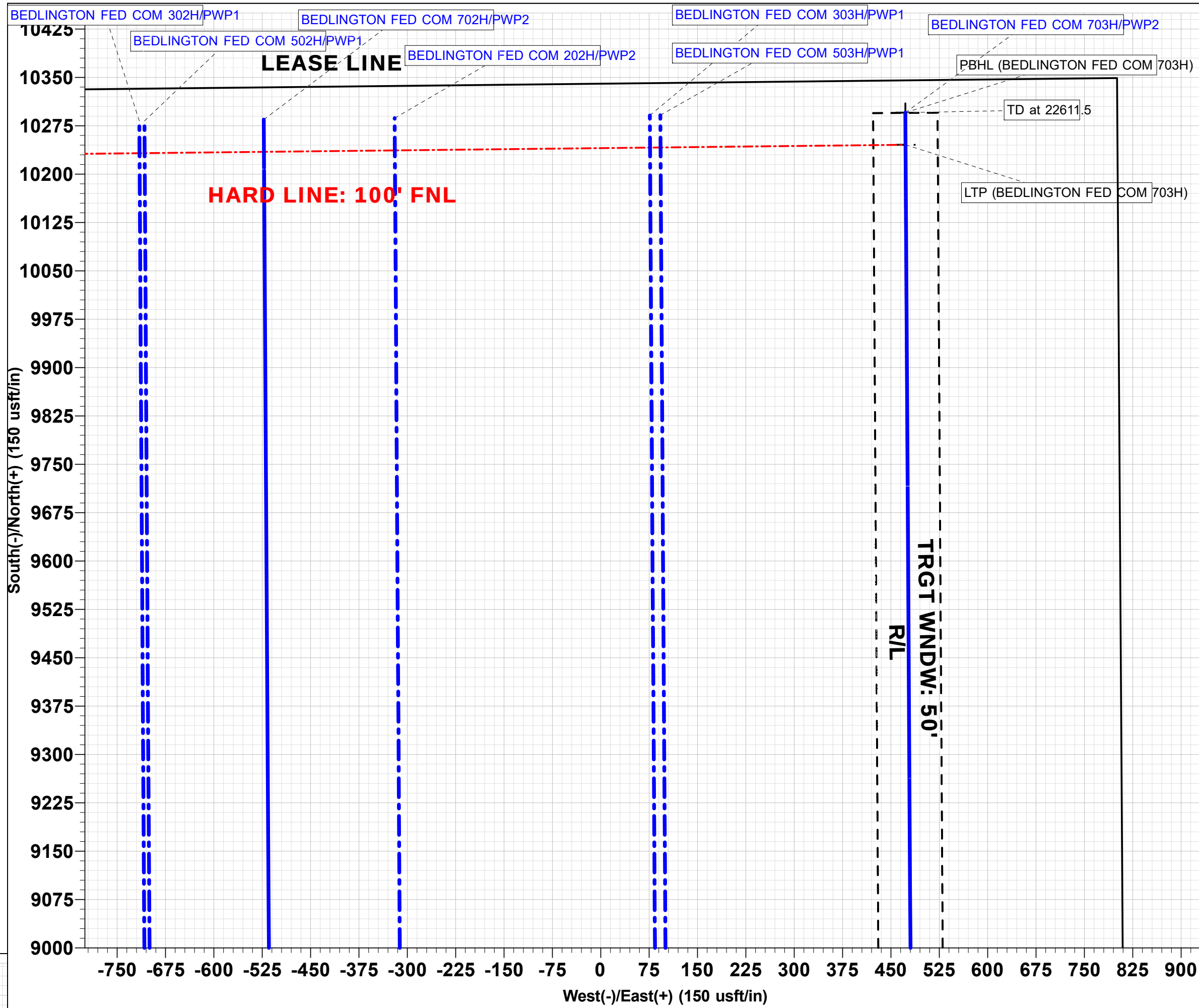
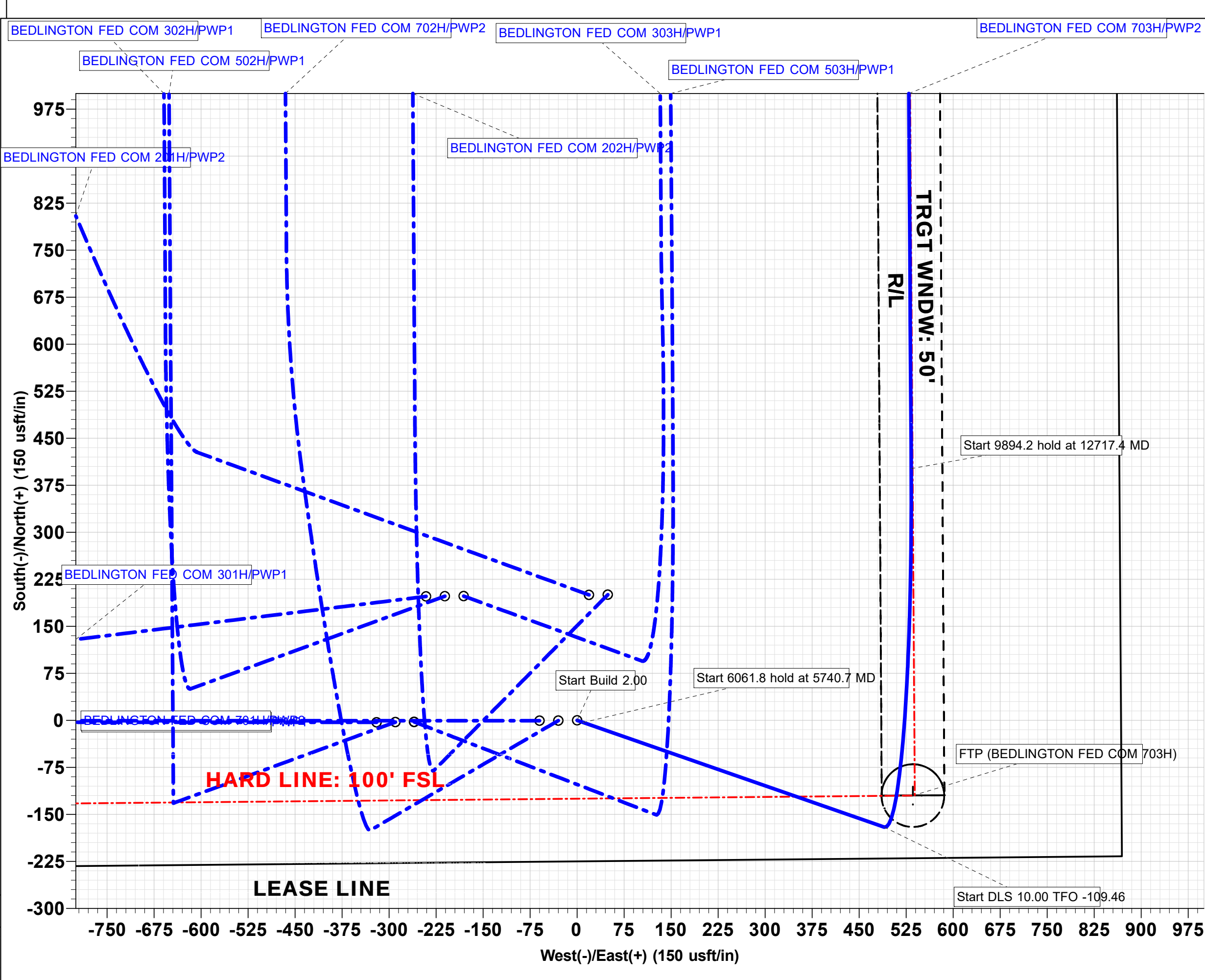
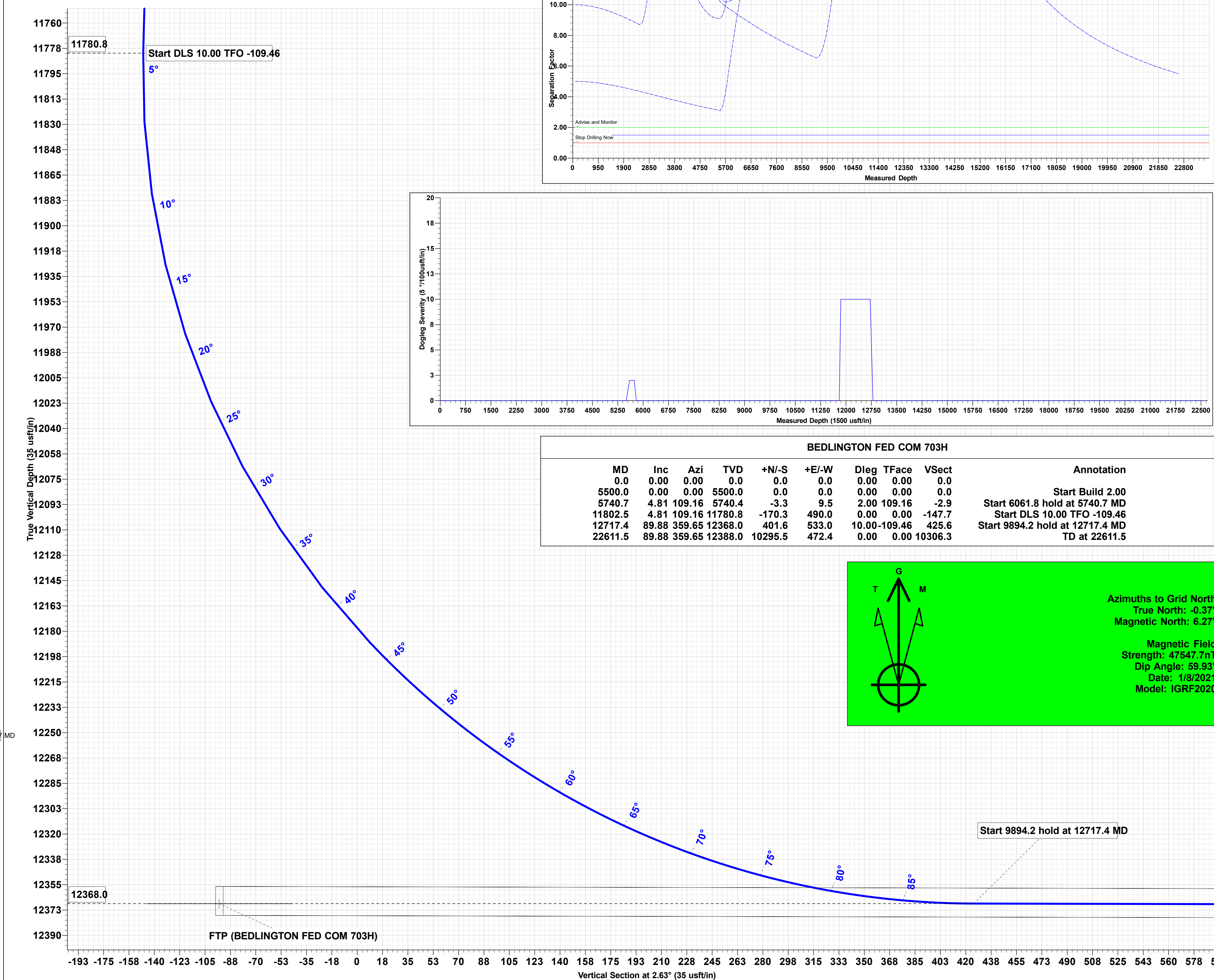
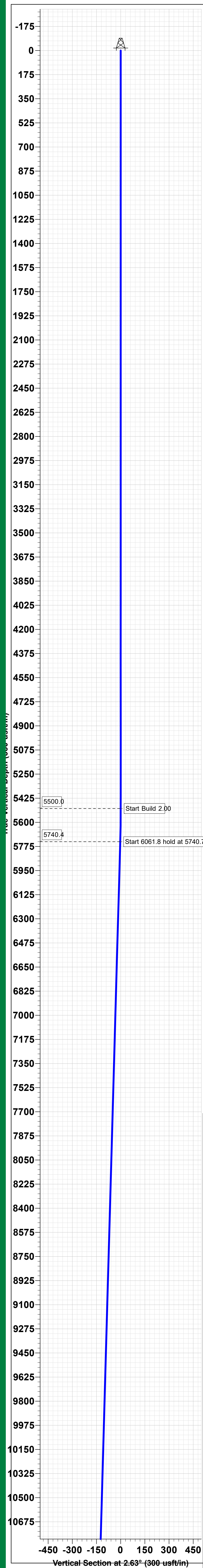
Project: BULLDOG PROSPECT (NM-E)  
Site: BEDLINGTON FEDERAL PROJECT (BULLDOG 2332)  
Well: BEDLINGTON FED COM 703H  
Wellbore: OWB  
Design: PWP2  
GL: 3623.0  
KB=26' @ 3649.0usft (McVay 8)

| WELL DETAILS: BEDLINGTON FED COM 703H |       |           |           |                  |                   |
|---------------------------------------|-------|-----------|-----------|------------------|-------------------|
| +N/-S                                 | +E/-W | Northing  | Easting   | Latitude         | Longitude         |
| 0.0                                   | 0.0   | 456936.27 | 711943.43 | 32° 15' 15.748 N | 103° 38' 51.867 W |

| DESIGN TARGET DETAILS          |         |         |       |           |           |                  |
|--------------------------------|---------|---------|-------|-----------|-----------|------------------|
| Name                           | TVD     | +N/-S   | +E/-W | Northing  | Easting   | Latitude         |
| FTP (BEDLINGTON FED COM 703H)  | 12368.0 | -120.0  | 535.7 | 456816.26 | 712479.11 | 32° 15' 14.526 N |
| LTP (BEDLINGTON FED COM 703H)  | 12388.0 | 10245.5 | 472.7 | 467181.79 | 712416.12 | 32° 16' 57.103 N |
| PBHL (BEDLINGTON FED COM 703H) | 12388.0 | 10295.5 | 472.4 | 467231.78 | 712415.80 | 32° 16' 57.598 N |



| BEDLINGTON FED COM 703H |       |        |         |         |       |       |        |         |                                 |
|-------------------------|-------|--------|---------|---------|-------|-------|--------|---------|---------------------------------|
| MD                      | Inc   | Azi    | TVD     | +N/-S   | +E/-W | Dleg  | TFace  | VSec    | Annotation                      |
| 0.0                     | 0.00  | 0.00   | 0.0     | 0.0     | 0.0   | 0.00  | 0.00   | 0.0     |                                 |
| 5500.0                  | 0.00  | 0.00   | 5500.0  | 0.0     | 0.0   | 0.00  | 0.00   | 0.0     | Start Build 2.00                |
| 5740.7                  | 4.81  | 109.16 | 5740.4  | -3.3    | 9.5   | 2.00  | 109.16 | -2.9    | Start 6061.8 hold at 5740.7 MD  |
| 11802.5                 | 4.81  | 109.16 | 11780.8 | -170.3  | 490.0 | 0.00  | 0.00   | -147.7  | Start DLS 10.00 TFO -109.46     |
| 12717.4                 | 89.88 | 359.65 | 12368.0 | 401.6   | 533.0 | 10.00 | 109.46 | 425.6   | Start 9894.2 hold at 12717.4 MD |
| 22611.5                 | 89.88 | 359.65 | 12388.0 | 10295.5 | 472.4 | 0.00  | 0.00   | 10306.3 | TD at 22611.5                   |



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

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

CONDITIONS  
  
Action 15837

CONDITIONS OF APPROVAL

|              |                   |                    |                  |        |        |                |       |              |        |
|--------------|-------------------|--------------------|------------------|--------|--------|----------------|-------|--------------|--------|
| Operator:    | COG OPERATING LLC | 600 W Illinois Ave | Midland, TX79701 | OGRID: | 229137 | Action Number: | 15837 | Action Type: | C-103A |
| OCD Reviewer | Condition         |                    |                  |        |        |                |       |              |        |
| pkautz       | None              |                    |                  |        |        |                |       |              |        |