

Form 3160-5  
(June 2019)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0137  
Expires: October 31, 2021**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No.

6. If Indian, Allottee or Tribe Name

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

1. Type of Well

☐ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

3a. Address

3b. Phone No. (include area code)

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

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

8. Well Name and No.

9. API Well No.

10. Field and Pool or Exploratory Area

11. Country or Parish, State

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

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

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

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Title

Signature

Date

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

Approved by

Title

Date

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

Office

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

(Instructions on page 2)

## Additional Information

### Location of Well

0. SHL: NENE / 210 FNL / 910 FEL / TWSP: 25S / RANGE: 29E / SECTION: 24 / LAT: 32.1222297 / LONG: -103.9323254 ( TVD: 0 feet, MD: 0 feet )

PPP: NENE / 330 FNL / 1310 FEL / TWSP: 25S / RANGE: 29E / SECTION: 24 / LAT: 32.1218944 / LONG: -103.9336162 ( TVD: 10585 feet, MD: 10651 feet )

BHL: SESE / 200 FSL / 1310 FEL / TWSP: 25S / RANGE: 29E / SECTION: 25 / LAT: 32.0941358 / LONG: -103.9335243 ( TVD: 10753 feet, MD: 20639 feet )

CONFIDENTIAL

## 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 &amp; 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>30-015-47664 |  | 2 Pool Code<br>98220                     |  | 3 Pool Name<br>Purple Sage; Wolfcamp (Gas) |                       |  |
| 4 Property Code<br>329794    |  | 5 Property Name<br>CABO WABO FEDERAL COM |  |                                            | 6 Well Number<br>702H |  |
| 7 OGRID No.<br>217955        |  | 8 Operator Name<br>COG PRODUCTION LLC    |  |                                            | 9 Elevation<br>3146'  |  |

## 10 Surface Location

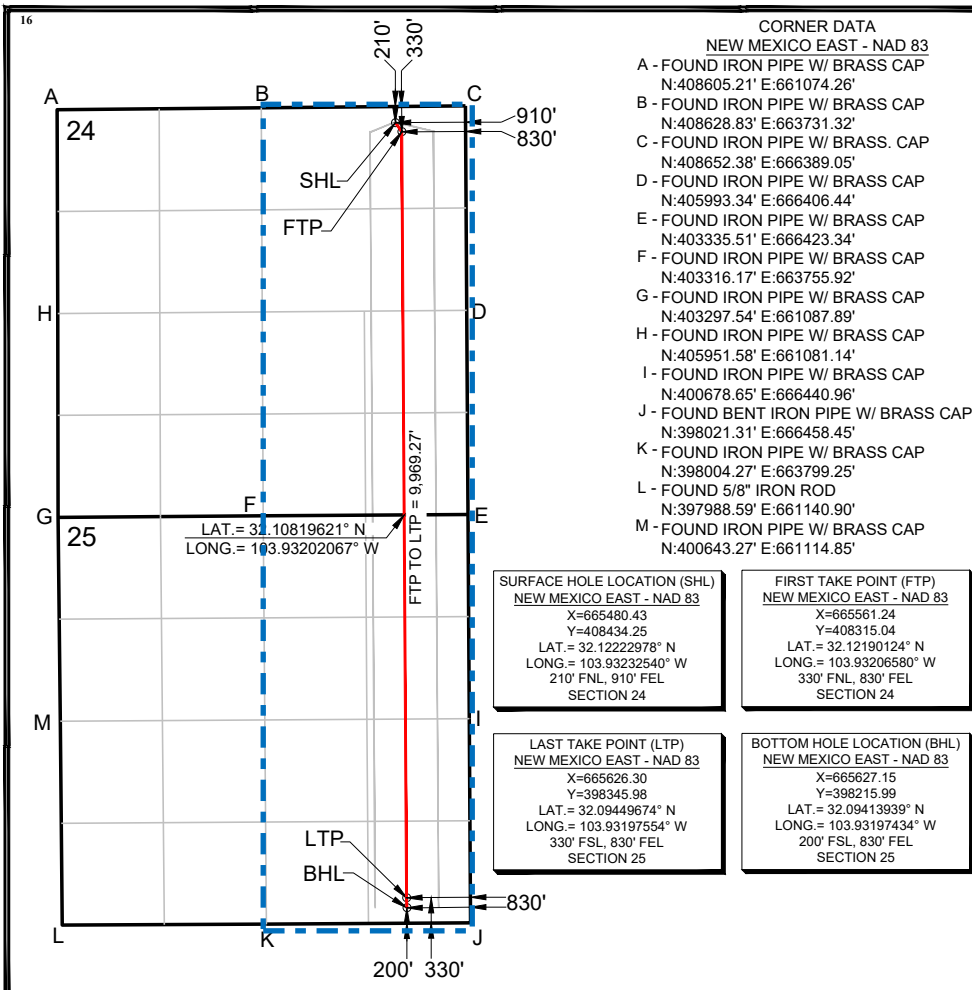
| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| A             | 24      | 25-S     | 29-E  |         | 210'          | NORTH            | 910'          | EAST           | EDDY   |

## 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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| P             | 25      | 25-S     | 29-E  |         | 200'          | SOUTH            | 830'          | EAST           | EDDY   |

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

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



## 17 OPERATOR CERTIFICATION

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

*Stan Wagner* 10/11/2021  
Signature Date

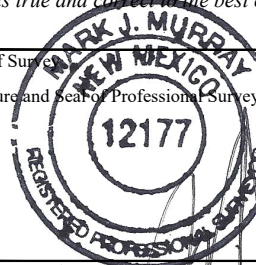
Stan Wagner  
Printed Name

E-mail Address

## 18 SURVEYOR CERTIFICATION

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

Date of Survey  
Signature and Seal of Professional Surveyor:



8/16/2021

Certificate Number

## ConocoPhillips - Cabo Wabo Fed Com #702H

## 1. Geologic Formations

|               |             |                               |     |
|---------------|-------------|-------------------------------|-----|
| TVD of target | 10,747' EOL | Pilot hole depth              | NA  |
| MD at TD:     | 20,905'     | Deepest expected fresh water: | 53' |

| Formation            | Depth (TVD) from KB | Water/Mineral Bearing/ Target Zone? | Hazards* |
|----------------------|---------------------|-------------------------------------|----------|
| Quaternary Fill      | Surface             | Water                               |          |
| Rustler              | 517                 | Water                               |          |
| Top of Salt          | 904                 | Salt                                |          |
| Base of Salt         | 3174                | Salt                                |          |
| Lamar                | 3387                | Salt Water                          |          |
| Bell Canyon          | 3432                | Salt Water                          |          |
| Cherry Canyon        | 4325                | Oil/Gas                             |          |
| Brushy Canyon        | 5554                | Oil/Gas                             |          |
| Bone Spring Lime     | 7216                | Oil/Gas                             |          |
| 1st Bone Spring Sand | 8185                | Oil/Gas                             |          |
| 2nd Bone Spring Sand | 8798                | Oil/Gas                             |          |
| 3rd Bone Spring Sand | 10130               | Oil/Gas                             |          |
| Wolfcamp A           | 10604               | Target                              |          |
| Wolfcamp B           | 0                   | Not Penetrated                      |          |
| Wolfcamp D           | 0                   | Not Penetrated                      |          |

## 2. Casing Program

| Hole Size                 | Casing Interval |        | Csg. Size | Weight (lbs) | Grade   | Conn. | SF Collapse | SF Burst | SF Body            | SF Joint           |
|---------------------------|-----------------|--------|-----------|--------------|---------|-------|-------------|----------|--------------------|--------------------|
|                           | From            | To     |           |              |         |       |             |          |                    |                    |
| 14.75"                    | 0               | 1350   | 10.75"    | 45.5         | N80     | BTC   | 4.00        | 1.67     | 16.93              | 17.86              |
| 9.875"                    | 0               | 8500   | 7.625"    | 29.7         | HCL80   | BTC   | 1.56        | 1.24     | 2.88               | 2.90               |
| 8.750"                    | 8500            | 10100  | 7.625"    | 29.7         | P110 RY | W 513 | 1.56        | 1.65     | 3.13               | 1.88               |
| 6.75"                     | 0               | 9600   | 5.5"      | 20           | P110    | BTC   | 2.33        | 2.75     | 3.80               | 3.77               |
| 6.75"                     | 9600            | 20,905 | 5.5"      | 20           | P110    | W441  | 1.59        | 2.14     | 2.98               | 2.43               |
| BLM Minimum Safety Factor |                 |        |           |              |         |       | 1.125       | 1        | 1.6 Dry<br>1.8 Wet | 1.6 Dry<br>1.8 Wet |

Intermediate casing will be kept at least 1/3 full while running casing to mitigate collapse. Surface burst based on 0.7 frac gradient at the shoe with Gas Gradient 0.1 psi/ft to surface and  
All casing strings will be tested in accordance with Onshore Oil and Gas Order #2 III.B.1.h

The 5 1/2" talon casing will be run back 200' into the intermediate casing to ensure the coupling OD clearance is greater than .422" for the cement bond tie in.

## ConocoPhillips - Cabo Wabo Fed Com #702H

|                                                                                                                                                  | Y or N |
|--------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| Is casing new? If used, attach certification as required in Onshore Order #1                                                                     | Y      |
| Does casing meet API specifications? If no, attach casing specification sheet.                                                                   | Y      |
| Is premium or uncommon casing planned? If yes attach casing specification sheet.                                                                 | Y      |
| Does the above casing design meet or exceed BLM's minimum standards? If not provide justification (loading assumptions, casing design criteria). | Y      |
| Will the intermediate pipe be kept at a minimum 1/3 fluid filled to avoid approaching the collapse pressure rating of the casing?                | Y      |
|                                                                                                                                                  |        |
| Is well located within Capitan Reef?                                                                                                             | N      |
| If yes, does production casing cement tie back a minimum of 50' above the Reef?                                                                  |        |
| Is well within the designated 4 string boundary?                                                                                                 |        |
|                                                                                                                                                  |        |
| Is well located in SOPA but not in R-111-P?                                                                                                      | N      |
| If yes, are the first 2 strings cemented to surface and 3 <sup>rd</sup> string cement tied back 500' into previous casing?                       |        |
|                                                                                                                                                  |        |
| Is well located in R-111-P and SOPA?                                                                                                             | N      |
| If yes, are the first three strings cemented to surface?                                                                                         |        |
| Is 2 <sup>nd</sup> string set 100' to 600' below the base of salt?                                                                               |        |
|                                                                                                                                                  |        |
| Is well located in high Cave/Karst?                                                                                                              | N      |
| If yes, are there two strings cemented to surface?                                                                                               |        |
| (For 2 string wells) If yes, is there a contingency casing if lost circulation occurs?                                                           |        |
|                                                                                                                                                  |        |
| Is well located in critical Cave/Karst?                                                                                                          | N      |
| If yes, are there three strings cemented to surface?                                                                                             |        |

## ConocoPhillips - Cabo Wabo Fed Com #702H

## 3. Cementing Program

| Casing            | # Sk | Wt. lb/<br>gal | Yld ft3/<br>sack | H <sub>2</sub> O gal/sk | 500# Comp.<br>Strength<br>(hours) | Slurry Description                            |
|-------------------|------|----------------|------------------|-------------------------|-----------------------------------|-----------------------------------------------|
| Surf.             | 644  | 13.5           | 1.75             | 9                       | 12                                | Lead: Class C + 4% Gel + 1% CaCl <sub>2</sub> |
|                   | 250  | 14.8           | 1.34             | 6.34                    | 8                                 | Tail: Class C + 2% CaCl <sub>2</sub>          |
| Inter.<br>Stage 1 | 770  | 10.3           | 3.3              | 22                      | 24                                | Halliburton tunded light                      |
|                   | 250  | 14.8           | 1.35             | 6.6                     | 8                                 | Tail: Class H                                 |
| Prod              | 446  | 12.7           | 2                | 10.7                    | 72                                | Lead: 50:50:10 H Blend                        |
|                   | 1066 | 14.4           | 1.24             | 5.7                     | 19                                | Tail: 50:50:2 Class H Blend                   |

If losses are encountered in the intermediate section a DV/ECP tool will be run ~50' above the Lamar Lime top, cement will be adjusted accordingly if this contingency is necessary.

Volumes Subject to Observed Hole Conditions and/or Fluid Caliper Results

Lab reports with the 500 psi compressive strength time for the cement will be onsite for review.

| Casing String                | TOC    | % Excess                       |
|------------------------------|--------|--------------------------------|
| Surface                      | 0'     | 50%                            |
| 1 <sup>st</sup> Intermediate | 0'     | 50%                            |
| Production                   | 9,600' | 35% OH in Lateral (KOP to EOL) |

## ConocoPhillips - Cabo Wabo Fed Com #702H

## 4. Pressure Control Equipment

|   |                                                                                                         |
|---|---------------------------------------------------------------------------------------------------------|
| N | A variance is requested for the use of a diverter on the surface casing.<br>See attached for schematic. |
|---|---------------------------------------------------------------------------------------------------------|

| BOP installed and tested before drilling which hole? | Size?   | Min. Required WP | Type       | x | Tested to: |
|------------------------------------------------------|---------|------------------|------------|---|------------|
| 9-7/8"                                               | 13-5/8" | 5M               | Annular    | x | 2500psi    |
|                                                      |         |                  | Blind Ram  | x | 5000psi    |
|                                                      |         |                  | Pipe Ram   | x |            |
|                                                      |         |                  | Double Ram | x |            |
|                                                      |         |                  | Other*     |   |            |
| 6-3/4"                                               | 13-5/8" | 10M              | 5M Annular | x | 5000psi    |
|                                                      |         |                  | Blind Ram  | x | 10000psi   |
|                                                      |         |                  | Pipe Ram   | x |            |
|                                                      |         |                  | Double Ram | x |            |
|                                                      |         |                  | Other*     |   |            |

BOP/BOPE will be tested by an independent service company to 250 psi low and the high pressure indicated above per Onshore Order 2 requirements. The System may be upgraded to a higher pressure but still tested to the working pressure listed in the table above. If the system is upgraded all the components installed will be functional and tested.

Pipe rams will be operationally checked each 24 hour period. Blind rams will be operationally checked on each trip out of the hole. These checks will be noted on the daily tour sheets. Other accessories to the BOP equipment will include a Kelly cock and floor safety valve (inside BOP) and choke lines and choke manifold. See attached schematics.

|   |                                                                                                                                                                                                                                                                                                                   |
|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Y | Formation integrity test will be performed per Onshore Order #2.<br><br>On Exploratory wells or on that portion of any well approved for a 5M BOPE system or greater, a pressure integrity test of each casing shoe shall be performed. Will be tested in accordance with Onshore Oil and Gas Order #2 III.B.1.i. |
| Y | A variance is requested for the use of a flexible choke line from the BOP to Choke Manifold. See attached for specs and hydrostatic test chart.                                                                                                                                                                   |
| N | Are anchors required by manufacturer?                                                                                                                                                                                                                                                                             |
| Y | A multibowl wellhead is being used. The BOP will be tested per Onshore Order #2 after installation on the surface casing which will cover testing requirements for a maximum of 30 days. If any seal subject to test pressure is broken the system must be tested.                                                |

## ConocoPhillips - Cabo Wabo Fed Com #702H

## 5. Mud Program

| Depth           |                 | Type                  | Weight (ppg) | Viscosity | Water Loss |
|-----------------|-----------------|-----------------------|--------------|-----------|------------|
| From            | To              |                       |              |           |            |
| 0               | Surf. Shoe      | FW Gel                | 8.6 - 8.8    | 28-34     | N/C        |
| Surf csg        | 7-5/8" Int shoe | Brine Diesel Emulsion | 8.4 - 9      | 28-34     | N/C        |
| 7-5/8" Int shoe | Lateral TD      | OBM                   | 9.6 - 12.5   | 35-45     | <20        |

Sufficient mud materials to maintain mud properties and meet minimum lost circulation and weight increase requirements will be kept on location at all times.

|                                                         |                             |
|---------------------------------------------------------|-----------------------------|
| What will be used to monitor the loss or gain of fluid? | PVT/Pason/Visual Monitoring |
|---------------------------------------------------------|-----------------------------|

## 6. Logging and Testing Procedures

| Logging, Coring and Testing. |                                                                                                                                                             |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Y                            | Will run GR/CNL from TD to surface (horizontal well – vertical portion of hole). Stated logs run will be in the Completion Report and submitted to the BLM. |
| Y                            | No Logs are planned based on well control or offset log information.                                                                                        |
| N                            | Drill stem test? If yes, explain.                                                                                                                           |
| N                            | Coring? If yes, explain.                                                                                                                                    |

| Additional logs planned |             | Interval                                                |
|-------------------------|-------------|---------------------------------------------------------|
| N                       | Resistivity | Pilot Hole TD to ICP                                    |
| N                       | Density     | Pilot Hole TD to ICP                                    |
| Y                       | CBL         | Production casing (If cement not circulated to surface) |
| Y                       | Mud log     | Intermediate shoe to TD                                 |
| N                       | PEX         |                                                         |



**ConocoPhillips - Cabo Wabo Fed Com #702H****7. Drilling Conditions**

| Condition                  | Specify what type and where? |
|----------------------------|------------------------------|
| BH Pressure at deepest TVD | 6990 psi at 10747' TVD       |
| Abnormal Temperature       | NO 165 Deg. F.               |

No abnormal pressure or temperature conditions are anticipated. Sufficient mud materials to maintain mud properties and weight increase requirements will be kept on location at all times.

Sufficient supplies of Paper/LCM for periodic sweeps to control seepage and losses will be maintained on location.

|                                                                                                                                                                                                                                                                                                                                                              |                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| Hydrogen Sulfide (H <sub>2</sub> S) monitors will be installed prior to drilling out the surface shoe. If H <sub>2</sub> S is detected in concentrations greater than 100 ppm, the operator will comply with the provisions of Onshore Oil and Gas Order #6. If Hydrogen Sulfide is encountered, measured values and formations will be provided to the BLM. |                                |
| N                                                                                                                                                                                                                                                                                                                                                            | H <sub>2</sub> S is present    |
| Y                                                                                                                                                                                                                                                                                                                                                            | H <sub>2</sub> S Plan attached |

**8. Other Facets of Operation**

|   |                            |
|---|----------------------------|
| Y | Is it a walking operation? |
| Y | Is casing pre-set?         |

|   |                         |
|---|-------------------------|
| x | H <sub>2</sub> S Plan.  |
| x | BOP & Choke Schematics. |
| x | Directional Plan        |

# **DELAWARE BASIN WEST**

**ATLAS PROSPECT (NM-E)**

**CABO WABO FEDERAL PROJECT (ATLAS 2529)**

**CABO WABO FED COM #702H**

**OWB**

**PWP2**

## **Anticollision Report**

**26 May, 2020**

# Concho Resources LLC

## Anticollision Report

|                           |                                        |                                     |                                  |
|---------------------------|----------------------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST                    | <b>Local Co-ordinate Reference:</b> | Well CABO WABO FED COM #702H     |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)                  | <b>TVD Reference:</b>               | KB=27' @ 3173.0usft (Nabors 893) |
| <b>Reference Site:</b>    | CABO WABO FEDERAL PROJECT (ATLAS 2529) | <b>MD Reference:</b>                | KB=27' @ 3173.0usft (Nabors 893) |
| <b>Site Error:</b>        | 3.0 usft                               | <b>North Reference:</b>             | Grid                             |
| <b>Reference Well:</b>    | CABO WABO FED COM #702H                | <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 1,000.0 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              | 5/26/2020     |                                   |  |
|---------------------|--------------|-------------------|---------------|-----------------------------------|--|
| From<br>(usft)      | To<br>(usft) | Survey (Wellbore) | Tool Name     | Description                       |  |
| 0.0                 | 20,639.0     | 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        |                                 |                              |                                 |                                  |                   |                            |
| CABO WABO FEDERAL PROJECT (ATLAS 2529) |                                 |                              |                                 |                                  |                   |                            |
| CABO WABO FED COM #501H - OWB - PWP0   | 5,974.9                         | 5,986.6                      | 104.1                           | 61.5                             | 2.441             | CC                         |
| CABO WABO FED COM #501H - OWB - PWP0   | 6,000.0                         | 6,011.4                      | 104.2                           | 61.4                             | 2.433             | ES, SF                     |
| CABO WABO FED COM #502H - OWB - PWP0   | 2,414.2                         | 2,421.2                      | 352.6                           | 334.7                            | 19.700            | CC                         |
| CABO WABO FED COM #502H - OWB - PWP0   | 2,500.0                         | 2,506.5                      | 352.6                           | 334.1                            | 19.083            | ES                         |
| CABO WABO FED COM #502H - OWB - PWP0   | 8,700.0                         | 8,658.6                      | 550.0                           | 488.6                            | 8.960             | SF                         |
| CABO WABO FED COM #701H - OWB - PWP1   | 2,416.3                         | 2,417.3                      | 30.0                            | 12.1                             | 1.673             | Advise and Monitor, CC     |
| CABO WABO FED COM #701H - OWB - PWP1   | 2,500.0                         | 2,501.0                      | 30.0                            | 11.5                             | 1.622             | Advise and Monitor, ES, SF |
| CABO WABO FED COM #703H - OWB - PWP1   | 2,500.0                         | 2,500.0                      | 29.9                            | 17.2                             | 2.360             | CC, ES, SF                 |
| CABO WABO FED COM #704H - OWB - PWP1   |                                 |                              |                                 |                                  |                   | Out of range               |
| CABO WABO FED COM #705H - OWB - PWP2   |                                 |                              |                                 |                                  |                   | Out of range               |
| CABO WABO FED COM #706H - OWB - PWP1   |                                 |                              |                                 |                                  |                   | Out of range               |
| CABO WABO FED COM #801H - OWB - PWP0   | 6,964.4                         | 6,966.4                      | 69.4                            | 36.5                             | 2.111             | CC                         |
| CABO WABO FED COM #801H - OWB - PWP0   | 7,000.0                         | 7,001.5                      | 69.7                            | 36.4                             | 2.097             | ES, SF                     |
| CABO WABO FED COM #802H - OWB - PWP0   | 10,087.7                        | 10,080.9                     | 249.1                           | 177.6                            | 3.482             | CC                         |
| CABO WABO FED COM #802H - OWB - PWP0   | 10,200.0                        | 10,192.9                     | 249.3                           | 176.9                            | 3.446             | ES, SF                     |
| CABO WABO FED COM #803H - OWB - PWP0   | 2,416.0                         | 2,418.0                      | 290.0                           | 272.1                            | 16.197            | CC                         |
| CABO WABO FED COM #803H - OWB - PWP0   | 2,500.0                         | 2,500.0                      | 290.0                           | 271.5                            | 15.705            | ES                         |
| CABO WABO FED COM #803H - OWB - PWP0   | 10,250.0                        | 10,212.4                     | 621.5                           | 549.0                            | 8.565             | SF                         |
| CABO WABO FED COM #804H - OWB - PWP0   |                                 |                              |                                 |                                  |                   | Out of range               |

| CABO WABO FEDERAL PROJECT (ATLAS 2529) - CABO WABO FED COM #501H - OWB - PWP0 |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           | 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  |          |
| 0.0                                                                           | 0.0                   | 1.0                   | 1.0                   | 3.0              | 3.0           | -128.01               | -202.1                              | -258.6       | 328.2                  |                         |                           |                    |          |
| 100.0                                                                         | 100.0                 | 101.0                 | 101.0                 | 3.0              | 3.0           | -128.01               | -202.1                              | -258.6       | 328.2                  | 322.2                   | 6.01                      | 54.651             |          |
| 200.0                                                                         | 200.0                 | 201.0                 | 201.0                 | 3.0              | 3.0           | -128.01               | -202.1                              | -258.6       | 328.2                  | 322.1                   | 6.08                      | 53.992             |          |
| 300.0                                                                         | 300.0                 | 301.0                 | 301.0                 | 3.1              | 3.1           | -128.01               | -202.1                              | -258.6       | 328.2                  | 322.0                   | 6.23                      | 52.645             |          |
| 400.0                                                                         | 400.0                 | 401.0                 | 401.0                 | 3.2              | 3.2           | -128.01               | -202.1                              | -258.6       | 328.2                  | 321.7                   | 6.47                      | 50.759             |          |
| 500.0                                                                         | 500.0                 | 501.0                 | 501.0                 | 3.4              | 3.4           | -128.01               | -202.1                              | -258.6       | 328.2                  | 321.4                   | 6.77                      | 48.508             |          |
| 600.0                                                                         | 600.0                 | 601.0                 | 601.0                 | 3.6              | 3.6           | -128.01               | -202.1                              | -258.6       | 328.2                  | 321.1                   | 7.13                      | 46.058             |          |
| 700.0                                                                         | 700.0                 | 701.0                 | 701.0                 | 3.8              | 3.8           | -128.01               | -202.1                              | -258.6       | 328.2                  | 320.7                   | 7.54                      | 43.547             |          |

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 WEST                    | <b>Local Co-ordinate Reference:</b> | Well CABO WABO FED COM #702H     |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)                  | <b>TVD Reference:</b>               | KB=27' @ 3173.0usft (Nabors 893) |
| <b>Reference Site:</b>    | CABO WABO FEDERAL PROJECT (ATLAS 2529) | <b>MD Reference:</b>                | KB=27' @ 3173.0usft (Nabors 893) |
| <b>Site Error:</b>        | 3.0 usft                               | <b>North Reference:</b>             | Grid                             |
| <b>Reference Well:</b>    | CABO WABO FED COM #702H                | <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 CABO WABO FEDERAL PROJECT (ATLAS 2529) - CABO WABO FED COM #501H - OWB - PWP0 |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | 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 |                    |          |
| 800.0                                                                                       | 800.0                 | 801.0                 | 801.0                 | 4.0              | 4.0           | -128.01               | -202.1                              | -258.6       | 328.2                  | 320.2                   | 7.99                      | 41.071            |                    |          |
| 900.0                                                                                       | 900.0                 | 901.0                 | 901.0                 | 4.2              | 4.2           | -128.01               | -202.1                              | -258.6       | 328.2                  | 319.7                   | 8.48                      | 38.695            |                    |          |
| 1,000.0                                                                                     | 1,000.0               | 1,001.0               | 1,001.0               | 4.5              | 4.5           | -128.01               | -202.1                              | -258.6       | 328.2                  | 319.2                   | 9.00                      | 36.456            |                    |          |
| 1,100.0                                                                                     | 1,100.0               | 1,101.0               | 1,101.0               | 4.8              | 4.8           | -128.01               | -202.1                              | -258.6       | 328.2                  | 318.7                   | 9.55                      | 34.370            |                    |          |
| 1,200.0                                                                                     | 1,200.0               | 1,201.0               | 1,201.0               | 5.1              | 5.1           | -128.01               | -202.1                              | -258.6       | 328.2                  | 318.1                   | 10.12                     | 32.441            |                    |          |
| 1,300.0                                                                                     | 1,300.0               | 1,301.0               | 1,301.0               | 5.4              | 5.4           | -128.01               | -202.1                              | -258.6       | 328.2                  | 317.5                   | 10.70                     | 30.665            |                    |          |
| 1,400.0                                                                                     | 1,400.0               | 1,401.0               | 1,401.0               | 5.7              | 5.7           | -128.01               | -202.1                              | -258.6       | 328.2                  | 316.9                   | 11.30                     | 29.035            |                    |          |
| 1,500.0                                                                                     | 1,500.0               | 1,501.0               | 1,501.0               | 6.0              | 6.0           | -128.01               | -202.1                              | -258.6       | 328.2                  | 316.3                   | 11.92                     | 27.540            |                    |          |
| 1,600.0                                                                                     | 1,600.0               | 1,601.0               | 1,601.0               | 6.3              | 6.3           | -128.01               | -202.1                              | -258.6       | 328.2                  | 315.7                   | 12.54                     | 26.169            |                    |          |
| 1,700.0                                                                                     | 1,700.0               | 1,701.0               | 1,701.0               | 6.6              | 6.6           | -128.01               | -202.1                              | -258.6       | 328.2                  | 315.0                   | 13.18                     | 24.909            |                    |          |
| 1,800.0                                                                                     | 1,800.0               | 1,801.0               | 1,801.0               | 6.9              | 6.9           | -128.01               | -202.1                              | -258.6       | 328.2                  | 314.4                   | 13.82                     | 23.752            |                    |          |
| 1,900.0                                                                                     | 1,900.0               | 1,901.0               | 1,901.0               | 7.2              | 7.2           | -128.01               | -202.1                              | -258.6       | 328.2                  | 313.7                   | 14.47                     | 22.686            |                    |          |
| 2,000.0                                                                                     | 2,000.0               | 2,001.0               | 2,001.0               | 7.6              | 7.6           | -128.01               | -202.1                              | -258.6       | 328.2                  | 313.1                   | 15.12                     | 21.703            |                    |          |
| 2,100.0                                                                                     | 2,100.0               | 2,101.0               | 2,101.0               | 7.9              | 7.9           | -128.01               | -202.1                              | -258.6       | 328.2                  | 312.4                   | 15.78                     | 20.795            |                    |          |
| 2,200.0                                                                                     | 2,200.0               | 2,201.0               | 2,201.0               | 8.2              | 8.2           | -128.01               | -202.1                              | -258.6       | 328.2                  | 311.8                   | 16.45                     | 19.953            |                    |          |
| 2,300.0                                                                                     | 2,300.0               | 2,301.0               | 2,301.0               | 8.6              | 8.6           | -128.01               | -202.1                              | -258.6       | 328.2                  | 311.1                   | 17.12                     | 19.173            |                    |          |
| 2,400.0                                                                                     | 2,400.0               | 2,401.0               | 2,401.0               | 8.9              | 8.9           | -128.01               | -202.1                              | -258.6       | 328.2                  | 310.4                   | 17.79                     | 18.448            |                    |          |
| 2,500.0                                                                                     | 2,500.0               | 2,501.1               | 2,501.1               | 9.2              | 9.2           | -128.01               | -202.1                              | -258.6       | 328.2                  | 309.7                   | 18.47                     | 17.771            |                    |          |
| 2,600.0                                                                                     | 2,600.0               | 2,613.3               | 2,613.3               | 9.6              | 9.6           | -128.14               | -201.4                              | -256.5       | 326.3                  | 307.1                   | 19.17                     | 17.021            |                    |          |
| 2,700.0                                                                                     | 2,700.0               | 2,725.1               | 2,724.9               | 9.9              | 10.0          | -128.50               | -199.1                              | -250.3       | 320.7                  | 300.9                   | 19.85                     | 16.159            |                    |          |
| 2,800.0                                                                                     | 2,800.0               | 2,826.1               | 2,825.5               | 10.3             | 10.3          | -128.99               | -196.3                              | -242.5       | 312.9                  | 292.4                   | 20.52                     | 15.249            |                    |          |
| 2,900.0                                                                                     | 2,900.0               | 2,925.7               | 2,924.8               | 10.6             | 10.7          | -129.49               | -193.4                              | -234.7       | 305.1                  | 283.9                   | 21.20                     | 14.393            |                    |          |
| 3,000.0                                                                                     | 3,000.0               | 3,025.4               | 3,024.1               | 10.9             | 11.0          | -130.03               | -190.6                              | -226.9       | 297.3                  | 275.4                   | 21.88                     | 13.589            |                    |          |
| 3,100.0                                                                                     | 3,100.0               | 3,125.1               | 3,123.5               | 11.3             | 11.3          | -130.59               | -187.8                              | -219.2       | 289.5                  | 266.9                   | 22.56                     | 12.834            |                    |          |
| 3,200.0                                                                                     | 3,200.0               | 3,224.7               | 3,222.8               | 11.6             | 11.7          | -131.18               | -185.0                              | -211.4       | 281.8                  | 258.5                   | 23.24                     | 12.123            |                    |          |
| 3,300.0                                                                                     | 3,300.0               | 3,324.4               | 3,322.1               | 12.0             | 12.0          | -131.81               | -182.1                              | -203.7       | 274.1                  | 250.1                   | 23.93                     | 11.453            |                    |          |
| 3,400.0                                                                                     | 3,400.0               | 3,424.0               | 3,421.4               | 12.3             | 12.3          | -132.47               | -179.3                              | -195.9       | 266.4                  | 241.8                   | 24.62                     | 10.821            |                    |          |
| 3,500.0                                                                                     | 3,500.0               | 3,523.7               | 3,520.7               | 12.7             | 12.7          | -133.17               | -176.5                              | -188.2       | 258.7                  | 233.4                   | 25.31                     | 10.224            |                    |          |
| 3,600.0                                                                                     | 3,600.0               | 3,623.3               | 3,620.0               | 13.0             | 13.0          | -133.91               | -173.7                              | -180.4       | 251.1                  | 225.1                   | 26.00                     | 9.660             |                    |          |
| 3,700.0                                                                                     | 3,700.0               | 3,723.0               | 3,719.3               | 13.4             | 13.4          | -134.70               | -170.9                              | -172.7       | 243.6                  | 216.9                   | 26.69                     | 9.125             |                    |          |
| 3,800.0                                                                                     | 3,800.0               | 3,822.7               | 3,818.7               | 13.7             | 13.7          | -135.54               | -168.0                              | -164.9       | 236.1                  | 208.7                   | 27.39                     | 8.620             |                    |          |
| 3,900.0                                                                                     | 3,900.0               | 3,922.3               | 3,918.0               | 14.1             | 14.1          | -136.43               | -165.2                              | -157.1       | 228.6                  | 200.6                   | 28.09                     | 8.141             |                    |          |
| 4,000.0                                                                                     | 4,000.0               | 4,022.0               | 4,017.3               | 14.4             | 14.4          | -137.39               | -162.4                              | -149.4       | 221.3                  | 192.5                   | 28.79                     | 7.686             |                    |          |
| 4,100.0                                                                                     | 4,100.0               | 4,121.6               | 4,116.6               | 14.8             | 14.8          | -138.41               | -159.6                              | -141.6       | 213.9                  | 184.4                   | 29.48                     | 7.256             |                    |          |
| 4,200.0                                                                                     | 4,200.0               | 4,221.3               | 4,215.9               | 15.1             | 15.1          | -139.50               | -156.7                              | -133.9       | 206.7                  | 176.5                   | 30.19                     | 6.847             |                    |          |
| 4,300.0                                                                                     | 4,300.0               | 4,320.9               | 4,315.2               | 15.5             | 15.5          | -140.67               | -153.9                              | -126.1       | 199.5                  | 168.6                   | 30.89                     | 6.459             |                    |          |
| 4,400.0                                                                                     | 4,400.0               | 4,420.6               | 4,414.5               | 15.8             | 15.8          | -141.92               | -151.1                              | -118.4       | 192.4                  | 160.8                   | 31.59                     | 6.091             |                    |          |
| 4,500.0                                                                                     | 4,500.0               | 4,520.2               | 4,513.9               | 16.2             | 16.2          | -143.27               | -148.3                              | -110.6       | 185.4                  | 153.1                   | 32.30                     | 5.742             |                    |          |
| 4,600.0                                                                                     | 4,600.0               | 4,619.9               | 4,613.2               | 16.5             | 16.5          | -144.73               | -145.5                              | -102.9       | 178.6                  | 145.6                   | 33.00                     | 5.411             |                    |          |
| 4,700.0                                                                                     | 4,700.0               | 4,719.6               | 4,712.5               | 16.9             | 16.9          | -146.30               | -142.6                              | -95.1        | 171.8                  | 138.1                   | 33.71                     | 5.097             |                    |          |
| 4,800.0                                                                                     | 4,800.0               | 4,819.2               | 4,811.8               | 17.2             | 17.2          | -148.00               | -139.8                              | -87.4        | 165.2                  | 130.8                   | 34.41                     | 4.800             |                    |          |
| 4,900.0                                                                                     | 4,900.0               | 4,918.9               | 4,911.1               | 17.6             | 17.6          | -149.84               | -137.0                              | -79.6        | 158.8                  | 123.6                   | 35.12                     | 4.520             |                    |          |
| 5,000.0                                                                                     | 5,000.0               | 5,018.5               | 5,010.4               | 17.9             | 17.9          | -151.83               | -134.2                              | -71.8        | 152.5                  | 116.6                   | 35.83                     | 4.255             |                    |          |
| 5,100.0                                                                                     | 5,100.0               | 5,118.2               | 5,109.7               | 18.3             | 18.3          | -153.99               | -131.3                              | -64.1        | 146.4                  | 109.9                   | 36.54                     | 4.006             |                    |          |
| 5,200.0                                                                                     | 5,200.0               | 5,217.8               | 5,209.1               | 18.7             | 18.6          | -156.33               | -128.5                              | -56.3        | 140.6                  | 103.3                   | 37.25                     | 3.773             |                    |          |
| 5,300.0                                                                                     | 5,300.0               | 5,317.5               | 5,308.4               | 19.0             | 19.0          | -158.87               | -125.7                              | -48.6        | 135.0                  | 97.0                    | 37.96                     | 3.555             |                    |          |
| 5,400.0                                                                                     | 5,400.0               | 5,417.2               | 5,407.7               | 19.4             | 19.3          | -161.62               | -122.9                              | -40.8        | 129.6                  | 91.0                    | 38.68                     | 3.352             |                    |          |
| 5,500.0                                                                                     | 5,500.0               | 5,516.8               | 5,507.0               | 19.7             | 19.7          | -164.60               | -120.0                              | -33.1        | 124.7                  | 85.3                    | 39.39                     | 3.165             |                    |          |
| 5,600.0                                                                                     | 5,600.0               | 5,616.3               | 5,606.1               | 20.1             | 20.0          | -63.64                | -117.2                              | -25.3        | 119.3                  | 79.2                    | 40.09                     | 2.975             |                    |          |
| 5,700.0                                                                                     | 5,699.8               | 5,715.4               | 5,704.9               | 20.4             | 20.4          | -69.66                | -114.4                              | -17.6        | 113.2                  | 72.4                    | 40.78                     | 2.776             |                    |          |
| 5,730.0                                                                                     | 5,729.8               | 5,745.0               | 5,734.4               | 20.5             | 20.5          | -71.90                | -113.6                              | -15.3        | 111.4                  | 70.5                    | 40.99                     | 2.719             |                    |          |

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 WEST                    | <b>Local Co-ordinate Reference:</b> | Well CABO WABO FED COM #702H     |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)                  | <b>TVD Reference:</b>               | KB=27' @ 3173.0usft (Nabors 893) |
| <b>Reference Site:</b>    | CABO WABO FEDERAL PROJECT (ATLAS 2529) | <b>MD Reference:</b>                | KB=27' @ 3173.0usft (Nabors 893) |
| <b>Site Error:</b>        | 3.0 usft                               | <b>North Reference:</b>             | Grid                             |
| <b>Reference Well:</b>    | CABO WABO FED COM #702H                | <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 CABO WABO FEDERAL PROJECT (ATLAS 2529) - CABO WABO FED COM #501H - OWB - PWP0 |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           | 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           |        |         |
|                                                                                             |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                             |        |         |
| 5,800.0                                                                                     | 5,799.5               | 5,814.1               | 5,803.2               | 20.7             | 20.7          | -77.49                | -111.6                              | -9.9         | 107.9                  | 66.4                    | 41.47                     | 2.602                       |        |         |
| 5,900.0                                                                                     | 5,899.2               | 5,912.8               | 5,901.6               | 21.1             | 21.1          | -85.97                | -108.8                              | -2.3         | 104.8                  | 62.7                    | 42.15                     | 2.487                       |        |         |
| 5,974.9                                                                                     | 5,973.8               | 5,986.6               | 5,975.2               | 21.3             | 21.4          | -92.54                | -106.7                              | 3.5          | 104.1                  | 61.5                    | 42.66                     | 2.441                       | CC     |         |
| 6,000.0                                                                                     | 5,998.9               | 6,011.4               | 5,999.9               | 21.4             | 21.5          | -94.76                | -106.0                              | 5.4          | 104.2                  | 61.4                    | 42.83                     | 2.433                       | ES, SF |         |
| 6,100.0                                                                                     | 6,098.6               | 6,110.1               | 6,098.3               | 21.7             | 21.8          | -103.44               | -103.2                              | 13.1         | 106.1                  | 62.6                    | 43.50                     | 2.438                       |        |         |
| 6,200.0                                                                                     | 6,198.2               | 6,208.8               | 6,196.6               | 22.1             | 22.2          | -111.65               | -100.5                              | 20.8         | 110.3                  | 66.2                    | 44.17                     | 2.498                       |        |         |
| 6,300.0                                                                                     | 6,297.9               | 6,307.5               | 6,294.9               | 22.4             | 22.5          | -119.12               | -97.7                               | 28.4         | 116.7                  | 71.9                    | 44.84                     | 2.603                       |        |         |
| 6,400.0                                                                                     | 6,397.6               | 6,406.1               | 6,393.3               | 22.8             | 22.9          | -125.73               | -94.9                               | 36.1         | 124.9                  | 79.4                    | 45.51                     | 2.744                       |        |         |
| 6,500.0                                                                                     | 6,497.3               | 6,504.8               | 6,491.6               | 23.1             | 23.2          | -131.48               | -92.1                               | 43.8         | 134.5                  | 88.4                    | 46.18                     | 2.913                       |        |         |
| 6,600.0                                                                                     | 6,597.0               | 6,603.5               | 6,589.9               | 23.4             | 23.6          | -136.43               | -89.3                               | 51.5         | 145.4                  | 98.5                    | 46.86                     | 3.102                       |        |         |
| 6,700.0                                                                                     | 6,696.6               | 6,702.2               | 6,688.3               | 23.8             | 23.9          | -140.67               | -86.5                               | 59.2         | 157.1                  | 109.6                   | 47.54                     | 3.305                       |        |         |
| 6,800.0                                                                                     | 6,796.3               | 6,800.8               | 6,786.6               | 24.1             | 24.3          | -144.32               | -83.7                               | 66.8         | 169.6                  | 121.4                   | 48.22                     | 3.518                       |        |         |
| 6,900.0                                                                                     | 6,896.0               | 6,899.5               | 6,884.9               | 24.5             | 24.6          | -147.45               | -80.9                               | 74.5         | 182.7                  | 133.8                   | 48.91                     | 3.736                       |        |         |
| 7,000.0                                                                                     | 6,995.7               | 6,998.2               | 6,983.3               | 24.8             | 25.0          | -150.17               | -78.1                               | 82.2         | 196.3                  | 146.7                   | 49.59                     | 3.957                       |        |         |
| 7,100.0                                                                                     | 7,095.3               | 7,096.8               | 7,081.6               | 25.1             | 25.3          | -152.53               | -75.3                               | 89.9         | 210.2                  | 159.9                   | 50.28                     | 4.180                       |        |         |
| 7,200.0                                                                                     | 7,195.0               | 7,195.5               | 7,179.9               | 25.5             | 25.7          | -154.60               | -72.5                               | 97.6         | 224.4                  | 173.5                   | 50.97                     | 4.403                       |        |         |
| 7,300.0                                                                                     | 7,294.7               | 7,294.2               | 7,278.3               | 25.8             | 26.0          | -156.42               | -69.7                               | 105.2        | 238.9                  | 187.3                   | 51.67                     | 4.625                       |        |         |
| 7,400.0                                                                                     | 7,394.4               | 7,392.9               | 7,376.6               | 26.2             | 26.4          | -158.03               | -66.9                               | 112.9        | 253.7                  | 201.3                   | 52.36                     | 4.845                       |        |         |
| 7,500.0                                                                                     | 7,494.1               | 7,491.5               | 7,474.9               | 26.5             | 26.7          | -159.46               | -64.1                               | 120.6        | 268.5                  | 215.5                   | 53.05                     | 5.062                       |        |         |
| 7,600.0                                                                                     | 7,593.7               | 7,590.2               | 7,573.3               | 26.9             | 27.1          | -160.75               | -61.3                               | 128.3        | 283.6                  | 229.8                   | 53.75                     | 5.276                       |        |         |
| 7,700.0                                                                                     | 7,693.4               | 7,688.9               | 7,671.6               | 27.2             | 27.5          | -161.90               | -58.5                               | 135.9        | 298.7                  | 244.3                   | 54.44                     | 5.487                       |        |         |
| 7,800.0                                                                                     | 7,793.1               | 7,787.6               | 7,769.9               | 27.6             | 27.8          | -162.94               | -55.7                               | 143.6        | 314.0                  | 258.9                   | 55.14                     | 5.694                       |        |         |
| 7,900.0                                                                                     | 7,892.8               | 7,886.2               | 7,868.3               | 27.9             | 28.2          | -163.89               | -52.9                               | 151.3        | 329.3                  | 273.5                   | 55.84                     | 5.898                       |        |         |
| 8,000.0                                                                                     | 7,992.4               | 7,984.9               | 7,966.6               | 28.3             | 28.5          | -164.75               | -50.1                               | 159.0        | 344.8                  | 288.3                   | 56.53                     | 6.099                       |        |         |
| 8,100.0                                                                                     | 8,092.1               | 8,083.6               | 8,065.0               | 28.6             | 28.9          | -165.54               | -47.4                               | 166.7        | 360.3                  | 303.1                   | 57.23                     | 6.295                       |        |         |
| 8,200.0                                                                                     | 8,191.8               | 8,182.3               | 8,163.3               | 29.0             | 29.2          | -166.26               | -44.6                               | 174.3        | 375.9                  | 317.9                   | 57.93                     | 6.488                       |        |         |
| 8,300.0                                                                                     | 8,291.5               | 8,280.9               | 8,261.6               | 29.3             | 29.6          | -166.93               | -41.8                               | 182.0        | 391.5                  | 332.9                   | 58.63                     | 6.677                       |        |         |
| 8,400.0                                                                                     | 8,391.2               | 8,379.6               | 8,360.0               | 29.7             | 29.9          | -167.54               | -39.0                               | 189.7        | 407.2                  | 347.8                   | 59.33                     | 6.862                       |        |         |
| 8,500.0                                                                                     | 8,490.8               | 8,478.3               | 8,458.3               | 30.0             | 30.3          | -168.11               | -36.2                               | 197.4        | 422.9                  | 362.8                   | 60.03                     | 7.044                       |        |         |
| 8,600.0                                                                                     | 8,590.5               | 8,577.6               | 8,557.3               | 30.4             | 30.7          | -168.62               | -33.5                               | 205.1        | 438.6                  | 377.9                   | 60.74                     | 7.221                       |        |         |
| 8,700.0                                                                                     | 8,690.2               | 8,680.5               | 8,659.3               | 30.7             | 31.0          | -167.63               | -42.4                               | 213.1        | 453.7                  | 392.3                   | 61.46                     | 7.383                       |        |         |
| 8,800.0                                                                                     | 8,789.9               | 8,777.9               | 8,753.0               | 31.1             | 31.3          | -164.67               | -67.6                               | 220.6        | 468.8                  | 406.8                   | 62.09                     | 7.551                       |        |         |
| 8,900.0                                                                                     | 8,889.5               | 8,865.3               | 8,832.4               | 31.4             | 31.6          | -160.57               | -103.4                              | 226.9        | 486.2                  | 423.7                   | 62.53                     | 7.775                       |        |         |
| 9,000.0                                                                                     | 8,989.2               | 8,940.8               | 8,895.9               | 31.8             | 31.8          | -156.11               | -143.9                              | 232.1        | 508.6                  | 446.0                   | 62.65                     | 8.118                       |        |         |
| 9,100.0                                                                                     | 9,088.9               | 9,000.0               | 8,941.7               | 32.1             | 31.9          | -152.17               | -181.2                              | 235.9        | 538.2                  | 476.0                   | 62.20                     | 8.653                       |        |         |
| 9,200.0                                                                                     | 9,188.6               | 9,058.0               | 8,982.5               | 32.5             | 32.0          | -148.03               | -222.2                              | 239.3        | 576.2                  | 514.7                   | 61.41                     | 9.383                       |        |         |
| 9,300.0                                                                                     | 9,288.3               | 9,100.0               | 9,009.4               | 32.8             | 32.1          | -144.94               | -254.3                              | 241.5        | 622.6                  | 562.6                   | 60.03                     | 10.371                      |        |         |
| 9,400.0                                                                                     | 9,387.9               | 9,140.0               | 9,032.8               | 33.2             | 32.2          | -141.97               | -286.6                              | 243.5        | 676.9                  | 618.4                   | 58.51                     | 11.569                      |        |         |
| 9,500.0                                                                                     | 9,487.6               | 9,171.5               | 9,049.6               | 33.5             | 32.3          | -139.62               | -313.3                              | 244.9        | 738.1                  | 681.3                   | 56.82                     | 12.992                      |        |         |
| 9,600.0                                                                                     | 9,587.3               | 9,200.0               | 9,063.5               | 33.9             | 32.3          | -137.52               | -338.1                              | 246.1        | 805.3                  | 750.1                   | 55.19                     | 14.590                      |        |         |
| 9,700.0                                                                                     | 9,687.0               | 9,221.3               | 9,073.1               | 34.2             | 32.4          | -135.97               | -357.1                              | 247.0        | 877.3                  | 823.7                   | 53.59                     | 16.370                      |        |         |
| 9,800.0                                                                                     | 9,786.6               | 9,250.0               | 9,084.9               | 34.6             | 32.4          | -133.91               | -383.3                              | 248.0        | 953.5                  | 901.1                   | 52.37                     | 18.207                      |        |         |

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 WEST                    | <b>Local Co-ordinate Reference:</b> | Well CABO WABO FED COM #702H     |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)                  | <b>TVD Reference:</b>               | KB=27' @ 3173.0usft (Nabors 893) |
| <b>Reference Site:</b>    | CABO WABO FEDERAL PROJECT (ATLAS 2529) | <b>MD Reference:</b>                | KB=27' @ 3173.0usft (Nabors 893) |
| <b>Site Error:</b>        | 3.0 usft                               | <b>North Reference:</b>             | Grid                             |
| <b>Reference Well:</b>    | CABO WABO FED COM #702H                | <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 CABO WABO FEDERAL PROJECT (ATLAS 2529) - CABO WABO FED COM #502H - OWB - PWP0 |                       |                       |                       |                 |        |                       |                                     |              |                        |                         |                           | 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                   | 7.0                   | 7.0                   | 3.0             | 3.0    | -125.06               | -202.6                              | -288.6       | 352.6                  |                         |                           |                    |          |
| 100.0                                                                                       | 100.0                 | 107.0                 | 107.0                 | 3.0             | 3.0    | -125.06               | -202.6                              | -288.6       | 352.6                  | 346.6                   | 6.01                      | 58.704             |          |
| 200.0                                                                                       | 200.0                 | 207.0                 | 207.0                 | 3.0             | 3.0    | -125.06               | -202.6                              | -288.6       | 352.6                  | 346.5                   | 6.08                      | 57.984             |          |
| 300.0                                                                                       | 300.0                 | 307.0                 | 307.0                 | 3.1             | 3.1    | -125.06               | -202.6                              | -288.6       | 352.6                  | 346.3                   | 6.24                      | 56.527             |          |
| 400.0                                                                                       | 400.0                 | 407.0                 | 407.0                 | 3.2             | 3.2    | -125.06               | -202.6                              | -288.6       | 352.6                  | 346.1                   | 6.47                      | 54.493             |          |
| 500.0                                                                                       | 500.0                 | 507.0                 | 507.0                 | 3.4             | 3.4    | -125.06               | -202.6                              | -288.6       | 352.6                  | 345.8                   | 6.77                      | 52.071             |          |
| 600.0                                                                                       | 600.0                 | 607.0                 | 607.0                 | 3.6             | 3.6    | -125.06               | -202.6                              | -288.6       | 352.6                  | 345.5                   | 7.13                      | 49.438             |          |
| 700.0                                                                                       | 700.0                 | 707.0                 | 707.0                 | 3.8             | 3.8    | -125.06               | -202.6                              | -288.6       | 352.6                  | 345.0                   | 7.54                      | 46.739             |          |
| 800.0                                                                                       | 800.0                 | 807.0                 | 807.0                 | 4.0             | 4.0    | -125.06               | -202.6                              | -288.6       | 352.6                  | 344.6                   | 8.00                      | 44.081             |          |
| 900.0                                                                                       | 900.0                 | 907.0                 | 907.0                 | 4.2             | 4.2    | -125.06               | -202.6                              | -288.6       | 352.6                  | 344.1                   | 8.49                      | 41.531             |          |
| 1,000.0                                                                                     | 1,000.0               | 1,007.0               | 1,007.0               | 4.5             | 4.5    | -125.06               | -202.6                              | -288.6       | 352.6                  | 343.6                   | 9.01                      | 39.127             |          |
| 1,100.0                                                                                     | 1,100.0               | 1,107.0               | 1,107.0               | 4.8             | 4.8    | -125.06               | -202.6                              | -288.6       | 352.6                  | 343.0                   | 9.56                      | 36.889             |          |
| 1,200.0                                                                                     | 1,200.0               | 1,207.0               | 1,207.0               | 5.1             | 5.1    | -125.06               | -202.6                              | -288.6       | 352.6                  | 342.5                   | 10.13                     | 34.819             |          |
| 1,300.0                                                                                     | 1,300.0               | 1,307.0               | 1,307.0               | 5.4             | 5.4    | -125.06               | -202.6                              | -288.6       | 352.6                  | 341.9                   | 10.71                     | 32.915             |          |
| 1,400.0                                                                                     | 1,400.0               | 1,407.0               | 1,407.0               | 5.7             | 5.7    | -125.06               | -202.6                              | -288.6       | 352.6                  | 341.3                   | 11.31                     | 31.166             |          |
| 1,500.0                                                                                     | 1,500.0               | 1,507.0               | 1,507.0               | 6.0             | 6.0    | -125.06               | -202.6                              | -288.6       | 352.6                  | 340.7                   | 11.93                     | 29.562             |          |
| 1,600.0                                                                                     | 1,600.0               | 1,607.0               | 1,607.0               | 6.3             | 6.3    | -125.06               | -202.6                              | -288.6       | 352.6                  | 340.0                   | 12.55                     | 28.090             |          |
| 1,700.0                                                                                     | 1,700.0               | 1,707.0               | 1,707.0               | 6.6             | 6.6    | -125.06               | -202.6                              | -288.6       | 352.6                  | 339.4                   | 13.19                     | 26.739             |          |
| 1,800.0                                                                                     | 1,800.0               | 1,807.0               | 1,807.0               | 6.9             | 6.9    | -125.06               | -202.6                              | -288.6       | 352.6                  | 338.8                   | 13.83                     | 25.497             |          |
| 1,900.0                                                                                     | 1,900.0               | 1,907.0               | 1,907.0               | 7.2             | 7.2    | -125.06               | -202.6                              | -288.6       | 352.6                  | 338.1                   | 14.48                     | 24.354             |          |
| 2,000.0                                                                                     | 2,000.0               | 2,007.0               | 2,007.0               | 7.6             | 7.6    | -125.06               | -202.6                              | -288.6       | 352.6                  | 337.5                   | 15.13                     | 23.299             |          |
| 2,100.0                                                                                     | 2,100.0               | 2,107.0               | 2,107.0               | 7.9             | 7.9    | -125.06               | -202.6                              | -288.6       | 352.6                  | 336.8                   | 15.79                     | 22.324             |          |
| 2,200.0                                                                                     | 2,200.0               | 2,207.0               | 2,207.0               | 8.2             | 8.2    | -125.06               | -202.6                              | -288.6       | 352.6                  | 336.1                   | 16.46                     | 21.422             |          |
| 2,300.0                                                                                     | 2,300.0               | 2,307.0               | 2,307.0               | 8.6             | 8.6    | -125.06               | -202.6                              | -288.6       | 352.6                  | 335.5                   | 17.13                     | 20.584             |          |
| 2,400.0                                                                                     | 2,400.0               | 2,407.0               | 2,407.0               | 8.9             | 8.9    | -125.06               | -202.6                              | -288.6       | 352.6                  | 334.8                   | 17.80                     | 19.806             |          |
| 2,414.2                                                                                     | 2,414.2               | 2,421.2               | 2,421.2               | 8.9             | 9.0    | -125.06               | -202.6                              | -288.6       | 352.6                  | 334.7                   | 17.90                     | 19.700 CC          |          |
| 2,500.0                                                                                     | 2,500.0               | 2,506.5               | 2,506.5               | 9.2             | 9.2    | -125.06               | -202.6                              | -288.6       | 352.6                  | 334.1                   | 18.48                     | 19.083 ES          |          |
| 2,600.0                                                                                     | 2,600.0               | 2,600.0               | 2,600.0               | 9.6             | 9.6    | -124.83               | -202.0                              | -290.2       | 353.7                  | 334.5                   | 19.13                     | 18.491             |          |
| 2,700.0                                                                                     | 2,700.0               | 2,693.1               | 2,692.9               | 9.9             | 9.9    | -124.21               | -200.3                              | -294.7       | 356.6                  | 336.9                   | 19.76                     | 18.044             |          |
| 2,800.0                                                                                     | 2,800.0               | 2,788.6               | 2,788.1               | 10.3            | 10.2   | -123.21               | -197.7                              | -302.0       | 361.4                  | 341.0                   | 20.41                     | 17.706             |          |
| 2,900.0                                                                                     | 2,900.0               | 2,888.2               | 2,887.3               | 10.6            | 10.5   | -122.12               | -194.7                              | -310.2       | 366.7                  | 345.6                   | 21.09                     | 17.392             |          |
| 3,000.0                                                                                     | 3,000.0               | 2,987.8               | 2,986.6               | 10.9            | 10.9   | -121.06               | -191.7                              | -318.3       | 372.2                  | 350.4                   | 21.76                     | 17.101             |          |
| 3,100.0                                                                                     | 3,100.0               | 3,087.4               | 3,085.8               | 11.3            | 11.2   | -120.04               | -188.8                              | -326.5       | 377.7                  | 355.3                   | 22.44                     | 16.830             |          |
| 3,200.0                                                                                     | 3,200.0               | 3,187.0               | 3,185.0               | 11.6            | 11.5   | -119.04               | -185.8                              | -334.6       | 383.4                  | 360.3                   | 23.12                     | 16.580             |          |
| 3,300.0                                                                                     | 3,300.0               | 3,286.6               | 3,284.3               | 12.0            | 11.9   | -118.07               | -182.8                              | -342.8       | 389.2                  | 365.4                   | 23.81                     | 16.347             |          |
| 3,400.0                                                                                     | 3,400.0               | 3,386.3               | 3,383.5               | 12.3            | 12.2   | -117.14               | -179.9                              | -350.9       | 395.0                  | 370.6                   | 24.49                     | 16.130             |          |
| 3,500.0                                                                                     | 3,500.0               | 3,485.9               | 3,482.8               | 12.7            | 12.6   | -116.23               | -176.9                              | -359.1       | 401.0                  | 375.9                   | 25.18                     | 15.928             |          |
| 3,600.0                                                                                     | 3,600.0               | 3,585.5               | 3,582.0               | 13.0            | 12.9   | -115.34               | -173.9                              | -367.3       | 407.1                  | 381.3                   | 25.87                     | 15.739             |          |
| 3,700.0                                                                                     | 3,700.0               | 3,685.1               | 3,681.3               | 13.4            | 13.2   | -114.48               | -171.0                              | -375.4       | 413.3                  | 386.8                   | 26.56                     | 15.563             |          |
| 3,800.0                                                                                     | 3,800.0               | 3,784.7               | 3,780.5               | 13.7            | 13.6   | -113.65               | -168.0                              | -383.6       | 419.6                  | 392.3                   | 27.25                     | 15.398             |          |
| 3,900.0                                                                                     | 3,900.0               | 3,884.4               | 3,879.7               | 14.1            | 13.9   | -112.84               | -165.0                              | -391.7       | 425.9                  | 398.0                   | 27.94                     | 15.244             |          |
| 4,000.0                                                                                     | 4,000.0               | 3,984.0               | 3,979.0               | 14.4            | 14.3   | -112.06               | -162.0                              | -399.9       | 432.4                  | 403.8                   | 28.64                     | 15.099             |          |
| 4,100.0                                                                                     | 4,100.0               | 4,083.6               | 4,078.2               | 14.8            | 14.6   | -111.30               | -159.1                              | -408.1       | 438.9                  | 409.6                   | 29.33                     | 14.964             |          |
| 4,200.0                                                                                     | 4,200.0               | 4,183.2               | 4,177.5               | 15.1            | 15.0   | -110.56               | -156.1                              | -416.2       | 445.5                  | 415.5                   | 30.03                     | 14.837             |          |
| 4,300.0                                                                                     | 4,300.0               | 4,282.8               | 4,276.7               | 15.5            | 15.3   | -109.84               | -153.1                              | -424.4       | 452.2                  | 421.5                   | 30.72                     | 14.717             |          |
| 4,400.0                                                                                     | 4,400.0               | 4,382.5               | 4,375.9               | 15.8            | 15.7   | -109.15               | -150.2                              | -432.5       | 458.9                  | 427.5                   | 31.42                     | 14.604             |          |
| 4,500.0                                                                                     | 4,500.0               | 4,482.1               | 4,475.2               | 16.2            | 16.0   | -108.47               | -147.2                              | -440.7       | 465.7                  | 433.6                   | 32.12                     | 14.498             |          |
| 4,600.0                                                                                     | 4,600.0               | 4,581.7               | 4,574.4               | 16.5            | 16.4   | -107.81               | -144.2                              | -448.8       | 472.6                  | 439.8                   | 32.82                     | 14.398             |          |
| 4,700.0                                                                                     | 4,700.0               | 4,681.3               | 4,673.7               | 16.9            | 16.7   | -107.18               | -141.3                              | -457.0       | 479.5                  | 446.0                   | 33.52                     | 14.304             |          |
| 4,800.0                                                                                     | 4,800.0               | 4,780.9               | 4,772.9               | 17.2            | 17.1   | -106.56               | -138.3                              | -465.2       | 486.5                  | 452.3                   | 34.22                     | 14.215             |          |
| 4,900.0                                                                                     | 4,900.0               | 4,880.6               | 4,872.1               | 17.6            | 17.4   | -105.95               | -135.3                              | -473.3       | 493.5                  | 458.6                   | 34.93                     | 14.130             |          |

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 WEST                    | <b>Local Co-ordinate Reference:</b> | Well CABO WABO FED COM #702H     |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)                  | <b>TVD Reference:</b>               | KB=27' @ 3173.0usft (Nabors 893) |
| <b>Reference Site:</b>    | CABO WABO FEDERAL PROJECT (ATLAS 2529) | <b>MD Reference:</b>                | KB=27' @ 3173.0usft (Nabors 893) |
| <b>Site Error:</b>        | 3.0 usft                               | <b>North Reference:</b>             | Grid                             |
| <b>Reference Well:</b>    | CABO WABO FED COM #702H                | <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 CABO WABO FEDERAL PROJECT (ATLAS 2529) - CABO WABO FED COM #502H - OWB - PWP0 |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | 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 |                    |          |
| 5,000.0                                                                                     | 5,000.0               | 4,980.2               | 4,971.4               | 17.9             | 17.8          | -105.37               | -132.4                              | -481.5       | 500.6                  | 465.0                   | 35.63                     | 14.051            |                    |          |
| 5,100.0                                                                                     | 5,100.0               | 5,079.8               | 5,070.6               | 18.3             | 18.1          | -104.80               | -129.4                              | -489.6       | 507.8                  | 471.4                   | 36.33                     | 13.975            |                    |          |
| 5,200.0                                                                                     | 5,200.0               | 5,179.4               | 5,169.9               | 18.7             | 18.5          | -104.25               | -126.4                              | -497.8       | 514.9                  | 477.9                   | 37.04                     | 13.904            |                    |          |
| 5,300.0                                                                                     | 5,300.0               | 5,279.0               | 5,269.1               | 19.0             | 18.8          | -103.71               | -123.4                              | -506.0       | 522.2                  | 484.4                   | 37.74                     | 13.836            |                    |          |
| 5,400.0                                                                                     | 5,400.0               | 5,378.7               | 5,368.3               | 19.4             | 19.2          | -103.19               | -120.5                              | -514.1       | 529.5                  | 491.0                   | 38.45                     | 13.771            |                    |          |
| 5,500.0                                                                                     | 5,500.0               | 5,478.3               | 5,467.6               | 19.7             | 19.6          | -102.68               | -117.5                              | -522.3       | 536.8                  | 497.6                   | 39.15                     | 13.710            |                    |          |
| 5,600.0                                                                                     | 5,600.0               | 5,578.0               | 5,566.9               | 20.1             | 19.9          | 2.82                  | -114.5                              | -530.4       | 542.4                  | 502.6                   | 39.85                     | 13.612            |                    |          |
| 5,700.0                                                                                     | 5,699.8               | 5,677.9               | 5,666.4               | 20.4             | 20.3          | 3.33                  | -111.6                              | -538.6       | 544.6                  | 504.1                   | 40.53                     | 13.436            |                    |          |
| 5,730.0                                                                                     | 5,729.8               | 5,707.8               | 5,696.2               | 20.5             | 20.4          | 3.49                  | -110.7                              | -541.1       | 544.6                  | 503.8                   | 40.74                     | 13.368            |                    |          |
| 5,800.0                                                                                     | 5,799.5               | 5,777.7               | 5,765.9               | 20.7             | 20.6          | 3.86                  | -108.6                              | -546.8       | 544.2                  | 503.0                   | 41.22                     | 13.203            |                    |          |
| 5,900.0                                                                                     | 5,899.2               | 5,877.6               | 5,865.4               | 21.1             | 21.0          | 4.39                  | -105.6                              | -555.0       | 543.7                  | 501.8                   | 41.90                     | 12.974            |                    |          |
| 6,000.0                                                                                     | 5,998.9               | 5,977.5               | 5,964.9               | 21.4             | 21.3          | 4.92                  | -102.6                              | -563.2       | 543.2                  | 500.6                   | 42.59                     | 12.753            |                    |          |
| 6,100.0                                                                                     | 6,098.6               | 6,077.3               | 6,064.4               | 21.7             | 21.7          | 5.46                  | -99.6                               | -571.3       | 542.8                  | 499.5                   | 43.28                     | 12.541            |                    |          |
| 6,200.0                                                                                     | 6,198.2               | 6,177.2               | 6,163.9               | 22.1             | 22.1          | 5.99                  | -96.7                               | -579.5       | 542.4                  | 498.5                   | 43.97                     | 12.335            |                    |          |
| 6,300.0                                                                                     | 6,297.9               | 6,277.1               | 6,263.3               | 22.4             | 22.4          | 6.53                  | -93.7                               | -587.7       | 542.1                  | 497.4                   | 44.67                     | 12.137            |                    |          |
| 6,400.0                                                                                     | 6,397.6               | 6,377.0               | 6,362.8               | 22.8             | 22.8          | 7.06                  | -90.7                               | -595.9       | 541.8                  | 496.5                   | 45.36                     | 11.945            |                    |          |
| 6,500.0                                                                                     | 6,497.3               | 6,476.8               | 6,462.3               | 23.1             | 23.1          | 7.60                  | -87.7                               | -604.1       | 541.6                  | 495.5                   | 46.05                     | 11.760            |                    |          |
| 6,600.0                                                                                     | 6,597.0               | 6,576.7               | 6,561.8               | 23.4             | 23.5          | 8.13                  | -84.8                               | -612.2       | 541.4                  | 494.7                   | 46.75                     | 11.582            |                    |          |
| 6,700.0                                                                                     | 6,696.6               | 6,676.6               | 6,661.3               | 23.8             | 23.8          | 8.67                  | -81.8                               | -620.4       | 541.3                  | 493.8                   | 47.44                     | 11.409            |                    |          |
| 6,800.0                                                                                     | 6,796.3               | 6,776.4               | 6,760.8               | 24.1             | 24.2          | 9.20                  | -78.8                               | -628.6       | 541.2                  | 493.1                   | 48.14                     | 11.242            |                    |          |
| 6,900.0                                                                                     | 6,896.0               | 6,876.3               | 6,860.3               | 24.5             | 24.6          | 9.74                  | -75.8                               | -636.8       | 541.2                  | 492.3                   | 48.84                     | 11.081            |                    |          |
| 6,930.7                                                                                     | 6,926.5               | 6,906.9               | 6,890.8               | 24.6             | 24.7          | 9.91                  | -74.9                               | -639.3       | 541.2                  | 492.1                   | 49.05                     | 11.032            |                    |          |
| 7,000.0                                                                                     | 6,995.7               | 6,976.2               | 6,959.8               | 24.8             | 24.9          | 10.28                 | -72.9                               | -645.0       | 541.2                  | 491.6                   | 49.54                     | 10.924            |                    |          |
| 7,100.0                                                                                     | 7,095.3               | 7,076.0               | 7,059.3               | 25.1             | 25.3          | 10.81                 | -69.9                               | -653.1       | 541.2                  | 491.0                   | 50.24                     | 10.773            |                    |          |
| 7,200.0                                                                                     | 7,195.0               | 7,175.9               | 7,158.8               | 25.5             | 25.6          | 11.35                 | -66.9                               | -661.3       | 541.3                  | 490.4                   | 50.94                     | 10.627            |                    |          |
| 7,300.0                                                                                     | 7,294.7               | 7,275.8               | 7,258.3               | 25.8             | 26.0          | 11.89                 | -63.9                               | -669.5       | 541.5                  | 489.8                   | 51.64                     | 10.486            |                    |          |
| 7,400.0                                                                                     | 7,394.4               | 7,375.7               | 7,357.7               | 26.2             | 26.4          | 12.42                 | -60.9                               | -677.7       | 541.7                  | 489.3                   | 52.34                     | 10.349            |                    |          |
| 7,500.0                                                                                     | 7,494.1               | 7,475.5               | 7,457.2               | 26.5             | 26.7          | 12.96                 | -58.0                               | -685.9       | 541.9                  | 488.9                   | 53.04                     | 10.217            |                    |          |
| 7,600.0                                                                                     | 7,593.7               | 7,575.4               | 7,556.7               | 26.9             | 27.1          | 13.49                 | -55.0                               | -694.0       | 542.2                  | 488.5                   | 53.75                     | 10.089            |                    |          |
| 7,700.0                                                                                     | 7,693.4               | 7,675.3               | 7,656.2               | 27.2             | 27.4          | 14.03                 | -52.0                               | -702.2       | 542.6                  | 488.1                   | 54.45                     | 9.964             |                    |          |
| 7,800.0                                                                                     | 7,793.1               | 7,775.1               | 7,755.7               | 27.6             | 27.8          | 14.56                 | -49.0                               | -710.4       | 543.0                  | 487.8                   | 55.15                     | 9.844             |                    |          |
| 7,900.0                                                                                     | 7,892.8               | 7,875.0               | 7,855.2               | 27.9             | 28.2          | 15.09                 | -46.1                               | -718.6       | 543.4                  | 487.5                   | 55.86                     | 9.728             |                    |          |
| 8,000.0                                                                                     | 7,992.4               | 7,974.9               | 7,954.7               | 28.3             | 28.5          | 15.62                 | -43.1                               | -726.8       | 543.9                  | 487.3                   | 56.57                     | 9.615             |                    |          |
| 8,100.0                                                                                     | 8,092.1               | 8,074.8               | 8,054.2               | 28.6             | 28.9          | 16.16                 | -40.1                               | -734.9       | 544.4                  | 487.1                   | 57.27                     | 9.505             |                    |          |
| 8,200.0                                                                                     | 8,191.8               | 8,174.6               | 8,153.7               | 29.0             | 29.2          | 16.69                 | -37.1                               | -743.1       | 545.0                  | 487.0                   | 57.98                     | 9.399             |                    |          |
| 8,300.0                                                                                     | 8,291.5               | 8,274.5               | 8,253.2               | 29.3             | 29.6          | 17.21                 | -34.2                               | -751.3       | 545.6                  | 486.9                   | 58.69                     | 9.297             |                    |          |
| 8,400.0                                                                                     | 8,391.2               | 8,374.4               | 8,352.7               | 29.7             | 30.0          | 17.74                 | -31.2                               | -759.5       | 546.3                  | 486.9                   | 59.40                     | 9.197             |                    |          |
| 8,500.0                                                                                     | 8,490.8               | 8,474.2               | 8,452.1               | 30.0             | 30.3          | 18.27                 | -28.2                               | -767.6       | 547.0                  | 486.9                   | 60.10                     | 9.101             |                    |          |
| 8,600.0                                                                                     | 8,590.5               | 8,572.0               | 8,549.5               | 30.4             | 30.7          | 18.78                 | -25.3                               | -775.7       | 547.8                  | 487.0                   | 60.80                     | 9.009             |                    |          |
| 8,700.0                                                                                     | 8,690.2               | 8,658.6               | 8,635.5               | 30.7             | 31.0          | 18.56                 | -29.0                               | -784.4       | 550.0                  | 488.6                   | 61.38                     | 8.960 SF          |                    |          |
| 8,800.0                                                                                     | 8,789.9               | 8,740.8               | 8,715.5               | 31.1             | 31.2          | 17.14                 | -44.2                               | -795.5       | 555.2                  | 493.4                   | 61.86                     | 8.975             |                    |          |
| 8,900.0                                                                                     | 8,889.5               | 8,817.6               | 8,787.2               | 31.4             | 31.5          | 14.80                 | -68.3                               | -808.3       | 564.5                  | 502.3                   | 62.16                     | 9.081             |                    |          |
| 9,000.0                                                                                     | 8,989.2               | 8,886.9               | 8,848.4               | 31.8             | 31.7          | 11.95                 | -98.0                               | -821.5       | 579.1                  | 517.0                   | 62.16                     | 9.317             |                    |          |
| 9,100.0                                                                                     | 9,088.9               | 8,950.0               | 8,900.3               | 32.1             | 31.9          | 8.84                  | -131.2                              | -834.8       | 600.6                  | 538.8                   | 61.81                     | 9.716             |                    |          |
| 9,200.0                                                                                     | 9,188.6               | 9,000.0               | 8,938.6               | 32.5             | 32.0          | 6.11                  | -161.3                              | -846.1       | 629.8                  | 568.9                   | 60.92                     | 10.338            |                    |          |
| 9,300.0                                                                                     | 9,288.3               | 9,050.0               | 8,973.9               | 32.8             | 32.1          | 3.21                  | -194.6                              | -858.0       | 667.1                  | 607.3                   | 59.81                     | 11.152            |                    |          |
| 9,400.0                                                                                     | 9,387.9               | 9,087.3               | 8,998.2               | 33.2             | 32.2          | 0.97                  | -221.4                              | -867.1       | 712.2                  | 653.9                   | 58.26                     | 12.224            |                    |          |
| 9,500.0                                                                                     | 9,487.6               | 9,121.6               | 9,018.9               | 33.5             | 32.3          | -1.11                 | -247.4                              | -875.8       | 764.6                  | 707.9                   | 56.62                     | 13.504            |                    |          |
| 9,600.0                                                                                     | 9,587.3               | 9,150.0               | 9,034.7               | 33.9             | 32.4          | -2.84                 | -269.8                              | -883.0       | 823.4                  | 768.5                   | 54.90                     | 14.998            |                    |          |
| 9,700.0                                                                                     | 9,687.0               | 9,177.2               | 9,048.8               | 34.2             | 32.4          | -4.50                 | -292.0                              | -890.1       | 887.8                  | 834.5                   | 53.32                     | 16.652            |                    |          |
| 9,800.0                                                                                     | 9,786.6               | 9,200.0               | 9,059.7               | 34.6             | 32.5          | -5.87                 | -311.1                              | -896.0       | 957.0                  | 905.2                   | 51.81                     | 18.471            |                    |          |

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 WEST                    | <b>Local Co-ordinate Reference:</b> | Well CABO WABO FED COM #702H     |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)                  | <b>TVD Reference:</b>               | KB=27' @ 3173.0usft (Nabors 893) |
| <b>Reference Site:</b>    | CABO WABO FEDERAL PROJECT (ATLAS 2529) | <b>MD Reference:</b>                | KB=27' @ 3173.0usft (Nabors 893) |
| <b>Site Error:</b>        | 3.0 usft                               | <b>North Reference:</b>             | Grid                             |
| <b>Reference Well:</b>    | CABO WABO FED COM #702H                | <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                     |



# Concho Resources LLC

## Anticollision Report

|                           |                                        |                                     |                                  |
|---------------------------|----------------------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST                    | <b>Local Co-ordinate Reference:</b> | Well CABO WABO FED COM #702H     |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)                  | <b>TVD Reference:</b>               | KB=27' @ 3173.0usft (Nabors 893) |
| <b>Reference Site:</b>    | CABO WABO FEDERAL PROJECT (ATLAS 2529) | <b>MD Reference:</b>                | KB=27' @ 3173.0usft (Nabors 893) |
| <b>Site Error:</b>        | 3.0 usft                               | <b>North Reference:</b>             | Grid                             |
| <b>Reference Well:</b>    | CABO WABO FED COM #702H                | <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 CABO WABO FEDERAL PROJECT (ATLAS 2529) - CABO WABO FED COM #701H - OWB - PWP1 |                       |                       |                       |                  |               |                       |                        |              |                        |                         |                           | Offset Site Error: 3.0 usft      |         |
|---------------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|------------------------|--------------|------------------------|-------------------------|---------------------------|----------------------------------|---------|
| Survey Program: 0-MWD+IFR1+FDIR                                                             |                       |                       |                       |                  |               |                       |                        |              |                        |                         |                           | Offset Well Error: 3.0 usft      |         |
| Reference                                                                                   |                       | Offset                |                       | Semi Major Axis  |               | Highside Toolface (°) | Offset Wellbore Centre |              | Distance               |                         | Minimum Separation (usft) | Separation Factor                | Warning |
| Measured Depth (usft)                                                                       | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) |                       | +N/-S (usft)           | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) |                           |                                  |         |
| 0.0                                                                                         | 0.0                   | 1.0                   | 1.0                   | 3.0              | 3.0           | 89.56                 | 0.2                    | 30.0         | 30.0                   |                         |                           |                                  |         |
| 100.0                                                                                       | 100.0                 | 101.0                 | 101.0                 | 3.0              | 3.0           | 89.56                 | 0.2                    | 30.0         | 30.0                   | 24.0                    | 6.01                      | 4.989                            |         |
| 200.0                                                                                       | 200.0                 | 201.0                 | 201.0                 | 3.0              | 3.0           | 89.56                 | 0.2                    | 30.0         | 30.0                   | 23.9                    | 6.08                      | 4.928                            |         |
| 300.0                                                                                       | 300.0                 | 301.0                 | 301.0                 | 3.1              | 3.1           | 89.56                 | 0.2                    | 30.0         | 30.0                   | 23.7                    | 6.24                      | 4.805                            |         |
| 400.0                                                                                       | 400.0                 | 401.0                 | 401.0                 | 3.2              | 3.2           | 89.56                 | 0.2                    | 30.0         | 30.0                   | 23.5                    | 6.47                      | 4.632                            |         |
| 500.0                                                                                       | 500.0                 | 501.0                 | 501.0                 | 3.4              | 3.4           | 89.56                 | 0.2                    | 30.0         | 30.0                   | 23.2                    | 6.77                      | 4.426                            |         |
| 600.0                                                                                       | 600.0                 | 601.0                 | 601.0                 | 3.6              | 3.6           | 89.56                 | 0.2                    | 30.0         | 30.0                   | 22.8                    | 7.13                      | 4.203                            |         |
| 700.0                                                                                       | 700.0                 | 701.0                 | 701.0                 | 3.8              | 3.8           | 89.56                 | 0.2                    | 30.0         | 30.0                   | 22.4                    | 7.54                      | 3.973                            |         |
| 800.0                                                                                       | 800.0                 | 801.0                 | 801.0                 | 4.0              | 4.0           | 89.56                 | 0.2                    | 30.0         | 30.0                   | 22.0                    | 7.99                      | 3.747                            |         |
| 900.0                                                                                       | 900.0                 | 901.0                 | 901.0                 | 4.2              | 4.2           | 89.56                 | 0.2                    | 30.0         | 30.0                   | 21.5                    | 8.49                      | 3.531                            |         |
| 1,000.0                                                                                     | 1,000.0               | 1,001.0               | 1,001.0               | 4.5              | 4.5           | 89.56                 | 0.2                    | 30.0         | 30.0                   | 21.0                    | 9.01                      | 3.326                            |         |
| 1,100.0                                                                                     | 1,100.0               | 1,101.0               | 1,101.0               | 4.8              | 4.8           | 89.56                 | 0.2                    | 30.0         | 30.0                   | 20.4                    | 9.55                      | 3.136                            |         |
| 1,200.0                                                                                     | 1,200.0               | 1,201.0               | 1,201.0               | 5.1              | 5.1           | 89.56                 | 0.2                    | 30.0         | 30.0                   | 19.8                    | 10.12                     | 2.960                            |         |
| 1,300.0                                                                                     | 1,300.0               | 1,301.0               | 1,301.0               | 5.4              | 5.4           | 89.56                 | 0.2                    | 30.0         | 30.0                   | 19.3                    | 10.71                     | 2.798                            |         |
| 1,400.0                                                                                     | 1,400.0               | 1,401.0               | 1,401.0               | 5.7              | 5.7           | 89.56                 | 0.2                    | 30.0         | 30.0                   | 18.7                    | 11.31                     | 2.649                            |         |
| 1,500.0                                                                                     | 1,500.0               | 1,501.0               | 1,501.0               | 6.0              | 6.0           | 89.56                 | 0.2                    | 30.0         | 30.0                   | 18.0                    | 11.92                     | 2.513                            |         |
| 1,600.0                                                                                     | 1,600.0               | 1,601.0               | 1,601.0               | 6.3              | 6.3           | 89.56                 | 0.2                    | 30.0         | 30.0                   | 17.4                    | 12.55                     | 2.388                            |         |
| 1,700.0                                                                                     | 1,700.0               | 1,701.0               | 1,701.0               | 6.6              | 6.6           | 89.56                 | 0.2                    | 30.0         | 30.0                   | 16.8                    | 13.18                     | 2.273                            |         |
| 1,800.0                                                                                     | 1,800.0               | 1,801.0               | 1,801.0               | 6.9              | 6.9           | 89.56                 | 0.2                    | 30.0         | 30.0                   | 16.1                    | 13.82                     | 2.167                            |         |
| 1,900.0                                                                                     | 1,900.0               | 1,901.0               | 1,901.0               | 7.2              | 7.2           | 89.56                 | 0.2                    | 30.0         | 30.0                   | 15.5                    | 14.47                     | 2.070                            |         |
| 2,000.0                                                                                     | 2,000.0               | 2,001.0               | 2,001.0               | 7.6              | 7.6           | 89.56                 | 0.2                    | 30.0         | 30.0                   | 14.8                    | 15.13                     | 1.981 Advise and Monitor         |         |
| 2,100.0                                                                                     | 2,100.0               | 2,101.0               | 2,101.0               | 7.9              | 7.9           | 89.56                 | 0.2                    | 30.0         | 30.0                   | 14.2                    | 15.79                     | 1.898 Advise and Monitor         |         |
| 2,200.0                                                                                     | 2,200.0               | 2,201.0               | 2,201.0               | 8.2              | 8.2           | 89.56                 | 0.2                    | 30.0         | 30.0                   | 13.5                    | 16.45                     | 1.821 Advise and Monitor         |         |
| 2,300.0                                                                                     | 2,300.0               | 2,301.0               | 2,301.0               | 8.6              | 8.6           | 89.56                 | 0.2                    | 30.0         | 30.0                   | 12.8                    | 17.12                     | 1.750 Advise and Monitor         |         |
| 2,400.0                                                                                     | 2,400.0               | 2,401.0               | 2,401.0               | 8.9              | 8.9           | 89.56                 | 0.2                    | 30.0         | 30.0                   | 12.2                    | 17.80                     | 1.683 Advise and Monitor         |         |
| 2,416.3                                                                                     | 2,416.3               | 2,417.3               | 2,417.3               | 9.0              | 9.0           | 89.56                 | 0.2                    | 30.0         | 30.0                   | 12.1                    | 17.91                     | 1.673 Advise and Monitor, CC     |         |
| 2,500.0                                                                                     | 2,500.0               | 2,501.0               | 2,501.0               | 9.2              | 9.2           | 89.56                 | 0.2                    | 30.0         | 30.0                   | 11.5                    | 18.47                     | 1.622 Advise and Monitor, ES, SF |         |
| 2,600.0                                                                                     | 2,600.0               | 2,600.0               | 2,600.0               | 9.6              | 9.6           | 88.50                 | 0.8                    | 31.6         | 31.6                   | 12.5                    | 19.14                     | 1.653 Advise and Monitor         |         |
| 2,700.0                                                                                     | 2,700.0               | 2,699.2               | 2,699.0               | 9.9              | 9.9           | 86.02                 | 2.5                    | 36.3         | 36.4                   | 16.6                    | 19.79                     | 1.839 Advise and Monitor         |         |
| 2,800.0                                                                                     | 2,800.0               | 2,799.0               | 2,798.7               | 10.3             | 10.2          | 83.87                 | 4.5                    | 41.6         | 41.9                   | 21.5                    | 20.46                     | 2.048                            |         |
| 2,900.0                                                                                     | 2,900.0               | 2,898.8               | 2,898.4               | 10.6             | 10.6          | 82.22                 | 6.4                    | 47.0         | 47.5                   | 26.3                    | 21.13                     | 2.246                            |         |
| 3,000.0                                                                                     | 3,000.0               | 2,998.7               | 2,998.0               | 10.9             | 10.9          | 80.92                 | 8.4                    | 52.3         | 53.1                   | 31.2                    | 21.81                     | 2.432                            |         |
| 3,100.0                                                                                     | 3,100.0               | 3,098.5               | 3,097.7               | 11.3             | 11.2          | 79.86                 | 10.3                   | 57.7         | 58.7                   | 36.2                    | 22.49                     | 2.608                            |         |
| 3,200.0                                                                                     | 3,200.0               | 3,198.3               | 3,197.4               | 11.6             | 11.6          | 78.99                 | 12.3                   | 63.0         | 64.3                   | 41.1                    | 23.18                     | 2.774                            |         |
| 3,300.0                                                                                     | 3,300.0               | 3,298.2               | 3,297.1               | 12.0             | 11.9          | 78.26                 | 14.2                   | 68.4         | 69.9                   | 46.1                    | 23.86                     | 2.931                            |         |
| 3,400.0                                                                                     | 3,400.0               | 3,398.0               | 3,396.7               | 12.3             | 12.3          | 77.64                 | 16.2                   | 73.7         | 75.6                   | 51.0                    | 24.55                     | 3.079                            |         |
| 3,500.0                                                                                     | 3,500.0               | 3,497.8               | 3,496.4               | 12.7             | 12.6          | 77.10                 | 18.1                   | 79.1         | 81.2                   | 56.0                    | 25.24                     | 3.219                            |         |
| 3,600.0                                                                                     | 3,600.0               | 3,597.7               | 3,596.1               | 13.0             | 12.9          | 76.64                 | 20.1                   | 84.4         | 86.9                   | 61.0                    | 25.93                     | 3.352                            |         |
| 3,700.0                                                                                     | 3,700.0               | 3,697.5               | 3,695.8               | 13.4             | 13.3          | 76.23                 | 22.0                   | 89.8         | 92.6                   | 66.0                    | 26.62                     | 3.477                            |         |
| 3,800.0                                                                                     | 3,800.0               | 3,797.4               | 3,795.4               | 13.7             | 13.6          | 75.87                 | 23.9                   | 95.1         | 98.2                   | 70.9                    | 27.31                     | 3.597                            |         |
| 3,900.0                                                                                     | 3,900.0               | 3,897.2               | 3,895.1               | 14.1             | 14.0          | 75.55                 | 25.9                   | 100.5        | 103.9                  | 75.9                    | 28.01                     | 3.710                            |         |
| 4,000.0                                                                                     | 4,000.0               | 3,997.0               | 3,994.8               | 14.4             | 14.3          | 75.26                 | 27.8                   | 105.8        | 109.6                  | 80.9                    | 28.70                     | 3.818                            |         |
| 4,100.0                                                                                     | 4,100.0               | 4,096.9               | 4,094.4               | 14.8             | 14.7          | 75.00                 | 29.8                   | 111.2        | 115.3                  | 85.9                    | 29.40                     | 3.921                            |         |
| 4,200.0                                                                                     | 4,200.0               | 4,196.7               | 4,194.1               | 15.1             | 15.0          | 74.76                 | 31.7                   | 116.5        | 121.0                  | 90.9                    | 30.10                     | 4.019                            |         |
| 4,300.0                                                                                     | 4,300.0               | 4,296.5               | 4,293.8               | 15.5             | 15.4          | 74.55                 | 33.7                   | 121.9        | 126.7                  | 95.9                    | 30.80                     | 4.112                            |         |
| 4,400.0                                                                                     | 4,400.0               | 4,396.4               | 4,393.5               | 15.8             | 15.7          | 74.35                 | 35.6                   | 127.2        | 132.3                  | 100.8                   | 31.50                     | 4.202                            |         |
| 4,500.0                                                                                     | 4,500.0               | 4,496.2               | 4,493.1               | 16.2             | 16.1          | 74.17                 | 37.6                   | 132.6        | 138.0                  | 105.8                   | 32.20                     | 4.287                            |         |
| 4,600.0                                                                                     | 4,600.0               | 4,596.1               | 4,592.8               | 16.5             | 16.4          | 74.01                 | 39.5                   | 137.9        | 143.7                  | 110.8                   | 32.90                     | 4.368                            |         |
| 4,700.0                                                                                     | 4,700.0               | 4,695.9               | 4,692.5               | 16.9             | 16.8          | 73.86                 | 41.5                   | 143.3        | 149.4                  | 115.8                   | 33.60                     | 4.446                            |         |
| 4,800.0                                                                                     | 4,800.0               | 4,795.7               | 4,792.2               | 17.2             | 17.1          | 73.71                 | 43.4                   | 148.6        | 155.1                  | 120.8                   | 34.30                     | 4.521                            |         |
| 4,900.0                                                                                     | 4,900.0               | 4,895.6               | 4,891.8               | 17.6             | 17.5          | 73.58                 | 45.4                   | 154.0        | 160.8                  | 125.8                   | 35.01                     | 4.593                            |         |

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 WEST                    | <b>Local Co-ordinate Reference:</b> | Well CABO WABO FED COM #702H     |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)                  | <b>TVD Reference:</b>               | KB=27' @ 3173.0usft (Nabors 893) |
| <b>Reference Site:</b>    | CABO WABO FEDERAL PROJECT (ATLAS 2529) | <b>MD Reference:</b>                | KB=27' @ 3173.0usft (Nabors 893) |
| <b>Site Error:</b>        | 3.0 usft                               | <b>North Reference:</b>             | Grid                             |
| <b>Reference Well:</b>    | CABO WABO FED COM #702H                | <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 CABO WABO FEDERAL PROJECT (ATLAS 2529) - CABO WABO FED COM #701H - OWB - PWP1 |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Site Error: | 3.0 usft |
|---------------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|----------|
| Survey Program: 0-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            |          |
| 5,000.0                                                                                     | 5,000.0               | 4,995.4               | 4,991.5               | 17.9             | 17.8          | 73.46                 | 47.3                                | 159.3        | 166.5                  | 130.8                   | 35.71                     | 4.662             |                    |          |
| 5,100.0                                                                                     | 5,100.0               | 5,095.2               | 5,091.2               | 18.3             | 18.2          | 73.35                 | 49.3                                | 164.7        | 172.2                  | 135.8                   | 36.42                     | 4.728             |                    |          |
| 5,200.0                                                                                     | 5,200.0               | 5,195.1               | 5,190.9               | 18.7             | 18.5          | 73.24                 | 51.2                                | 170.0        | 177.9                  | 140.8                   | 37.12                     | 4.792             |                    |          |
| 5,300.0                                                                                     | 5,300.0               | 5,294.9               | 5,290.5               | 19.0             | 18.9          | 73.14                 | 53.2                                | 175.4        | 183.6                  | 145.7                   | 37.83                     | 4.853             |                    |          |
| 5,400.0                                                                                     | 5,400.0               | 5,394.8               | 5,390.2               | 19.4             | 19.2          | 73.04                 | 55.1                                | 180.7        | 189.3                  | 150.7                   | 38.53                     | 4.912             |                    |          |
| 5,500.0                                                                                     | 5,500.0               | 5,494.6               | 5,489.9               | 19.7             | 19.6          | 72.95                 | 57.1                                | 186.1        | 195.0                  | 155.7                   | 39.24                     | 4.969             |                    |          |
| 5,600.0                                                                                     | 5,600.0               | 5,594.3               | 5,589.4               | 20.1             | 19.9          | 177.88                | 59.0                                | 191.4        | 202.4                  | 162.5                   | 39.93                     | 5.068             |                    |          |
| 5,700.0                                                                                     | 5,699.8               | 5,693.7               | 5,688.7               | 20.4             | 20.3          | 177.85                | 60.9                                | 196.8        | 213.3                  | 172.7                   | 40.62                     | 5.252             |                    |          |
| 5,730.0                                                                                     | 5,729.8               | 5,723.4               | 5,718.4               | 20.5             | 20.4          | 177.85                | 61.5                                | 198.4        | 217.3                  | 176.4                   | 40.82                     | 5.322             |                    |          |
| 5,800.0                                                                                     | 5,799.5               | 5,792.8               | 5,787.6               | 20.7             | 20.6          | 177.85                | 62.9                                | 202.1        | 226.8                  | 185.5                   | 41.30                     | 5.493             |                    |          |
| 5,900.0                                                                                     | 5,899.2               | 5,891.8               | 5,886.5               | 21.1             | 21.0          | 177.85                | 64.8                                | 207.4        | 240.5                  | 198.5                   | 41.98                     | 5.729             |                    |          |
| 6,000.0                                                                                     | 5,998.9               | 5,990.9               | 5,985.4               | 21.4             | 21.3          | 177.86                | 66.7                                | 212.7        | 254.2                  | 211.5                   | 42.66                     | 5.958             |                    |          |
| 6,100.0                                                                                     | 6,098.6               | 6,090.0               | 6,084.3               | 21.7             | 21.7          | 177.86                | 68.7                                | 218.0        | 267.9                  | 224.5                   | 43.35                     | 6.180             |                    |          |
| 6,200.0                                                                                     | 6,198.2               | 6,189.0               | 6,183.2               | 22.1             | 22.0          | 177.86                | 70.6                                | 223.3        | 281.6                  | 237.5                   | 44.03                     | 6.395             |                    |          |
| 6,300.0                                                                                     | 6,297.9               | 6,288.1               | 6,282.1               | 22.4             | 22.4          | 177.87                | 72.5                                | 228.6        | 295.2                  | 250.5                   | 44.72                     | 6.602             |                    |          |
| 6,400.0                                                                                     | 6,397.6               | 6,387.1               | 6,381.0               | 22.8             | 22.7          | 177.87                | 74.5                                | 233.9        | 308.9                  | 263.5                   | 45.40                     | 6.804             |                    |          |
| 6,500.0                                                                                     | 6,497.3               | 6,486.2               | 6,479.9               | 23.1             | 23.1          | 177.87                | 76.4                                | 239.2        | 322.6                  | 276.5                   | 46.09                     | 6.999             |                    |          |
| 6,600.0                                                                                     | 6,597.0               | 6,585.3               | 6,578.8               | 23.4             | 23.5          | 177.87                | 78.3                                | 244.6        | 336.3                  | 289.5                   | 46.78                     | 7.188             |                    |          |
| 6,700.0                                                                                     | 6,696.6               | 6,684.3               | 6,677.7               | 23.8             | 23.8          | 177.87                | 80.3                                | 249.9        | 350.0                  | 302.5                   | 47.47                     | 7.372             |                    |          |
| 6,800.0                                                                                     | 6,796.3               | 6,783.4               | 6,776.6               | 24.1             | 24.2          | 177.88                | 82.2                                | 255.2        | 363.6                  | 315.5                   | 48.16                     | 7.550             |                    |          |
| 6,900.0                                                                                     | 6,896.0               | 6,882.4               | 6,875.5               | 24.5             | 24.5          | 177.88                | 84.1                                | 260.5        | 377.3                  | 328.5                   | 48.85                     | 7.724             |                    |          |
| 7,000.0                                                                                     | 6,995.7               | 6,981.5               | 6,974.4               | 24.8             | 24.9          | 177.88                | 86.1                                | 265.8        | 391.0                  | 341.4                   | 49.54                     | 7.892             |                    |          |
| 7,100.0                                                                                     | 7,095.3               | 7,080.6               | 7,073.3               | 25.1             | 25.2          | 177.88                | 88.0                                | 271.1        | 404.7                  | 354.4                   | 50.24                     | 8.055             |                    |          |
| 7,200.0                                                                                     | 7,195.0               | 7,179.6               | 7,172.2               | 25.5             | 25.6          | 177.88                | 89.9                                | 276.4        | 418.4                  | 367.4                   | 50.93                     | 8.214             |                    |          |
| 7,300.0                                                                                     | 7,294.7               | 7,278.7               | 7,271.1               | 25.8             | 25.9          | 177.88                | 91.9                                | 281.7        | 432.0                  | 380.4                   | 51.62                     | 8.369             |                    |          |
| 7,400.0                                                                                     | 7,394.4               | 7,377.7               | 7,370.0               | 26.2             | 26.3          | 177.88                | 93.8                                | 287.0        | 445.7                  | 393.4                   | 52.32                     | 8.519             |                    |          |
| 7,500.0                                                                                     | 7,494.1               | 7,476.8               | 7,468.9               | 26.5             | 26.6          | 177.88                | 95.7                                | 292.3        | 459.4                  | 406.4                   | 53.01                     | 8.665             |                    |          |
| 7,600.0                                                                                     | 7,593.7               | 7,575.9               | 7,567.8               | 26.9             | 27.0          | 177.88                | 97.7                                | 297.7        | 473.1                  | 419.4                   | 53.71                     | 8.808             |                    |          |
| 7,700.0                                                                                     | 7,693.4               | 7,674.9               | 7,666.7               | 27.2             | 27.3          | 177.89                | 99.6                                | 303.0        | 486.8                  | 432.3                   | 54.41                     | 8.946             |                    |          |
| 7,800.0                                                                                     | 7,793.1               | 7,774.0               | 7,765.6               | 27.6             | 27.7          | 177.89                | 101.5                               | 308.3        | 500.4                  | 445.3                   | 55.10                     | 9.081             |                    |          |
| 7,900.0                                                                                     | 7,892.8               | 7,873.0               | 7,864.5               | 27.9             | 28.0          | 177.89                | 103.5                               | 313.6        | 514.1                  | 458.3                   | 55.80                     | 9.213             |                    |          |
| 8,000.0                                                                                     | 7,992.4               | 7,972.1               | 7,963.4               | 28.3             | 28.4          | 177.89                | 105.4                               | 318.9        | 527.8                  | 471.3                   | 56.50                     | 9.341             |                    |          |
| 8,100.0                                                                                     | 8,092.1               | 8,071.2               | 8,062.3               | 28.6             | 28.8          | 177.89                | 107.3                               | 324.2        | 541.5                  | 484.3                   | 57.20                     | 9.466             |                    |          |
| 8,200.0                                                                                     | 8,191.8               | 8,170.2               | 8,161.2               | 29.0             | 29.1          | 177.89                | 109.3                               | 329.5        | 555.2                  | 497.3                   | 57.90                     | 9.588             |                    |          |
| 8,300.0                                                                                     | 8,291.5               | 8,269.3               | 8,260.1               | 29.3             | 29.5          | 177.89                | 111.2                               | 334.8        | 568.8                  | 510.2                   | 58.60                     | 9.707             |                    |          |
| 8,400.0                                                                                     | 8,391.2               | 8,368.3               | 8,359.0               | 29.7             | 29.8          | 177.89                | 113.1                               | 340.1        | 582.5                  | 523.2                   | 59.30                     | 9.823             |                    |          |
| 8,500.0                                                                                     | 8,490.8               | 8,467.4               | 8,457.9               | 30.0             | 30.2          | 177.89                | 115.1                               | 345.4        | 596.2                  | 536.2                   | 60.00                     | 9.936             |                    |          |
| 8,600.0                                                                                     | 8,590.5               | 8,566.5               | 8,556.8               | 30.4             | 30.5          | 177.89                | 117.0                               | 350.7        | 609.9                  | 549.2                   | 60.70                     | 10.047            |                    |          |
| 8,700.0                                                                                     | 8,690.2               | 8,665.5               | 8,655.7               | 30.7             | 30.9          | 177.89                | 118.9                               | 356.1        | 623.6                  | 562.1                   | 61.40                     | 10.155            |                    |          |
| 8,800.0                                                                                     | 8,789.9               | 8,764.6               | 8,754.6               | 31.1             | 31.2          | 177.89                | 120.9                               | 361.4        | 637.2                  | 575.1                   | 62.11                     | 10.260            |                    |          |
| 8,900.0                                                                                     | 8,889.5               | 8,863.6               | 8,853.5               | 31.4             | 31.6          | 177.89                | 122.8                               | 366.7        | 650.9                  | 588.1                   | 62.81                     | 10.364            |                    |          |
| 9,000.0                                                                                     | 8,989.2               | 8,962.7               | 8,952.4               | 31.8             | 31.9          | 177.89                | 124.7                               | 372.0        | 664.6                  | 601.1                   | 63.51                     | 10.464            |                    |          |
| 9,100.0                                                                                     | 9,088.9               | 9,061.8               | 9,051.3               | 32.1             | 32.3          | 177.89                | 126.7                               | 377.3        | 678.3                  | 614.1                   | 64.21                     | 10.563            |                    |          |
| 9,200.0                                                                                     | 9,188.6               | 9,160.8               | 9,150.2               | 32.5             | 32.7          | 177.90                | 128.6                               | 382.6        | 692.0                  | 627.0                   | 64.92                     | 10.659            |                    |          |
| 9,300.0                                                                                     | 9,288.3               | 9,259.9               | 9,249.1               | 32.8             | 33.0          | 177.90                | 130.5                               | 387.9        | 705.6                  | 640.0                   | 65.62                     | 10.753            |                    |          |
| 9,400.0                                                                                     | 9,387.9               | 9,358.9               | 9,348.0               | 33.2             | 33.4          | 177.90                | 132.4                               | 393.2        | 719.3                  | 653.0                   | 66.33                     | 10.845            |                    |          |
| 9,500.0                                                                                     | 9,487.6               | 9,458.0               | 9,446.9               | 33.5             | 33.7          | 177.90                | 134.4                               | 398.5        | 733.0                  | 666.0                   | 67.03                     | 10.935            |                    |          |
| 9,600.0                                                                                     | 9,587.3               | 9,557.1               | 9,545.8               | 33.9             | 34.1          | 177.90                | 136.3                               | 403.8        | 746.7                  | 678.9                   | 67.74                     | 11.023            |                    |          |
| 9,700.0                                                                                     | 9,687.0               | 9,656.1               | 9,644.6               | 34.2             | 34.4          | 177.90                | 138.2                               | 409.2        | 760.4                  | 691.9                   | 68.44                     | 11.110            |                    |          |
| 9,800.0                                                                                     | 9,786.6               | 9,755.2               | 9,743.5               | 34.6             | 34.8          | 177.90                | 140.2                               | 414.5        | 774.0                  | 704.9                   | 69.15                     | 11.194            |                    |          |
| 9,900.0                                                                                     | 9,886.3               | 9,854.2               | 9,842.4               | 34.9             | 35.1          | 177.90                | 142.1                               | 419.8        | 787.7                  | 717.9                   | 69.85                     | 11.277            |                    |          |

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 WEST                    | <b>Local Co-ordinate Reference:</b> | Well CABO WABO FED COM #702H     |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)                  | <b>TVD Reference:</b>               | KB=27' @ 3173.0usft (Nabors 893) |
| <b>Reference Site:</b>    | CABO WABO FEDERAL PROJECT (ATLAS 2529) | <b>MD Reference:</b>                | KB=27' @ 3173.0usft (Nabors 893) |
| <b>Site Error:</b>        | 3.0 usft                               | <b>North Reference:</b>             | Grid                             |
| <b>Reference Well:</b>    | CABO WABO FED COM #702H                | <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 CABO WABO FEDERAL PROJECT (ATLAS 2529) - CABO WABO FED COM #701H - OWB - PWP1 |                       |                       |                       |           |        |                 |                       |                                     |              |                        |                         |                           | 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 | Offset | 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  |
| 10,000.0                                                                                    | 9,986.0               | 9,953.3               | 9,941.3               | 35.3      | 35.5   | 177.90          |                       | 144.0                               | 425.1        | 801.4                  | 730.8                   | 70.56                     | 11.358             |          |
| 10,100.0                                                                                    | 10,085.7              | 10,052.4              | 10,040.2              | 35.7      | 35.9   | 177.90          |                       | 146.0                               | 430.4        | 815.1                  | 743.8                   | 71.27                     | 11.437             |          |
| 10,197.9                                                                                    | 10,183.3              | 10,149.4              | 10,137.1              | 36.0      | 36.2   | 177.90          |                       | 147.9                               | 435.6        | 828.5                  | 756.5                   | 71.96                     | 11.513             |          |
| 10,200.0                                                                                    | 10,185.4              | 10,151.4              | 10,139.1              | 36.0      | 36.2   | -179.62         |                       | 147.9                               | 435.7        | 828.8                  | 756.8                   | 71.97                     | 11.515             |          |
| 10,250.0                                                                                    | 10,235.1              | 10,206.3              | 10,193.9              | 36.2      | 36.4   | -141.18         |                       | 148.8                               | 438.6        | 836.2                  | 763.9                   | 72.36                     | 11.557             |          |
| 10,300.0                                                                                    | 10,284.3              | 10,292.5              | 10,279.7              | 36.4      | 36.7   | -127.17         |                       | 142.1                               | 443.3        | 843.5                  | 770.7                   | 72.88                     | 11.575             |          |
| 10,350.0                                                                                    | 10,332.7              | 10,379.6              | 10,364.3              | 36.5      | 37.0   | -120.30         |                       | 122.3                               | 448.0        | 849.8                  | 776.5                   | 73.28                     | 11.597             |          |
| 10,400.0                                                                                    | 10,379.8              | 10,466.4              | 10,444.6              | 36.7      | 37.2   | -115.92         |                       | 90.0                                | 452.5        | 855.0                  | 781.5                   | 73.58                     | 11.620             |          |
| 10,450.0                                                                                    | 10,425.4              | 10,551.7              | 10,518.0              | 36.8      | 37.5   | -112.59         |                       | 46.8                                | 456.7        | 859.2                  | 785.4                   | 73.82                     | 11.639             |          |
| 10,500.0                                                                                    | 10,469.1              | 10,634.6              | 10,582.3              | 37.0      | 37.7   | -109.76         |                       | -5.2                                | 460.5        | 862.4                  | 788.4                   | 74.04                     | 11.649             |          |
| 10,550.0                                                                                    | 10,510.4              | 10,714.3              | 10,636.6              | 37.1      | 37.8   | -107.21         |                       | -63.5                               | 463.8        | 864.8                  | 790.5                   | 74.26                     | 11.646             |          |
| 10,600.0                                                                                    | 10,549.2              | 10,790.5              | 10,680.3              | 37.3      | 38.0   | -104.84         |                       | -125.6                              | 466.6        | 866.4                  | 791.9                   | 74.51                     | 11.628             |          |
| 10,650.0                                                                                    | 10,585.2              | 10,862.7              | 10,713.9              | 37.4      | 38.1   | -102.61         |                       | -189.5                              | 468.8        | 867.5                  | 792.7                   | 74.80                     | 11.598             |          |
| 10,700.0                                                                                    | 10,618.0              | 10,931.2              | 10,738.1              | 37.5      | 38.2   | -100.50         |                       | -253.5                              | 470.5        | 868.1                  | 793.0                   | 75.11                     | 11.558             |          |
| 10,750.0                                                                                    | 10,647.3              | 10,996.0              | 10,753.8              | 37.6      | 38.3   | -98.50          |                       | -316.3                              | 471.8        | 868.4                  | 793.0                   | 75.42                     | 11.513             |          |
| 10,800.0                                                                                    | 10,673.1              | 11,057.4              | 10,762.1              | 37.7      | 38.4   | -96.61          |                       | -377.1                              | 472.6        | 868.4                  | 792.7                   | 75.73                     | 11.468             |          |
| 10,850.0                                                                                    | 10,695.1              | 11,113.2              | 10,764.0              | 37.8      | 38.5   | -94.89          |                       | -432.9                              | 473.1        | 868.4                  | 792.4                   | 76.00                     | 11.426             |          |
| 10,851.1                                                                                    | 10,695.5              | 11,114.2              | 10,764.0              | 37.8      | 38.5   | -94.86          |                       | -433.9                              | 473.1        | 868.4                  | 792.4                   | 76.00                     | 11.426             |          |
| 10,900.0                                                                                    | 10,713.0              | 11,159.8              | 10,764.1              | 37.9      | 38.5   | -93.61          |                       | -479.5                              | 473.4        | 868.6                  | 792.3                   | 76.22                     | 11.395             |          |
| 10,950.0                                                                                    | 10,726.9              | 11,207.8              | 10,764.1              | 38.0      | 38.6   | -92.58          |                       | -527.5                              | 473.7        | 868.9                  | 792.5                   | 76.40                     | 11.373             |          |
| 11,000.0                                                                                    | 10,736.5              | 11,256.9              | 10,764.2              | 38.1      | 38.6   | -91.84          |                       | -576.6                              | 474.0        | 869.3                  | 792.8                   | 76.56                     | 11.354             |          |
| 11,050.0                                                                                    | 10,741.8              | 11,306.6              | 10,764.2              | 38.2      | 38.7   | -91.42          |                       | -626.3                              | 474.3        | 869.6                  | 792.9                   | 76.70                     | 11.337             |          |
| 11,085.7                                                                                    | 10,743.0              | 11,342.3              | 10,764.2              | 38.2      | 38.8   | -91.34          |                       | -662.0                              | 474.5        | 869.7                  | 792.9                   | 76.80                     | 11.324             |          |
| 11,100.0                                                                                    | 10,743.0              | 11,356.6              | 10,764.3              | 38.2      | 38.8   | -91.34          |                       | -676.3                              | 474.6        | 869.7                  | 792.8                   | 76.83                     | 11.319             |          |
| 11,200.0                                                                                    | 10,743.1              | 11,456.6              | 10,764.4              | 38.4      | 38.9   | -91.34          |                       | -776.3                              | 475.3        | 869.7                  | 792.6                   | 77.11                     | 11.279             |          |
| 11,300.0                                                                                    | 10,743.2              | 11,556.6              | 10,764.5              | 38.5      | 39.1   | -91.34          |                       | -876.2                              | 475.9        | 869.7                  | 792.3                   | 77.42                     | 11.234             |          |
| 11,400.0                                                                                    | 10,743.3              | 11,656.6              | 10,764.6              | 38.7      | 39.3   | -91.34          |                       | -976.2                              | 476.6        | 869.7                  | 791.9                   | 77.77                     | 11.184             |          |
| 11,500.0                                                                                    | 10,743.4              | 11,756.6              | 10,764.7              | 38.9      | 39.5   | -91.34          |                       | -1,076.2                            | 477.2        | 869.7                  | 791.6                   | 78.15                     | 11.129             |          |
| 11,600.0                                                                                    | 10,743.5              | 11,856.6              | 10,764.8              | 39.1      | 39.7   | -91.34          |                       | -1,176.2                            | 477.9        | 869.7                  | 791.1                   | 78.57                     | 11.069             |          |
| 11,700.0                                                                                    | 10,743.6              | 11,956.6              | 10,764.9              | 39.3      | 39.9   | -91.33          |                       | -1,276.2                            | 478.5        | 869.7                  | 790.7                   | 79.03                     | 11.005             |          |
| 11,800.0                                                                                    | 10,743.7              | 12,056.6              | 10,765.0              | 39.6      | 40.2   | -91.33          |                       | -1,376.2                            | 479.2        | 869.7                  | 790.2                   | 79.52                     | 10.937             |          |
| 11,900.0                                                                                    | 10,743.8              | 12,156.6              | 10,765.1              | 39.8      | 40.4   | -91.33          |                       | -1,476.2                            | 479.8        | 869.7                  | 789.7                   | 80.04                     | 10.866             |          |
| 12,000.0                                                                                    | 10,743.9              | 12,256.6              | 10,765.2              | 40.1      | 40.7   | -91.33          |                       | -1,576.2                            | 480.5        | 869.7                  | 789.1                   | 80.60                     | 10.791             |          |
| 12,100.0                                                                                    | 10,744.0              | 12,356.6              | 10,765.3              | 40.4      | 41.0   | -91.33          |                       | -1,676.2                            | 481.1        | 869.7                  | 788.5                   | 81.19                     | 10.712             |          |
| 12,200.0                                                                                    | 10,744.1              | 12,456.6              | 10,765.4              | 40.7      | 41.3   | -91.33          |                       | -1,776.2                            | 481.8        | 869.7                  | 787.9                   | 81.82                     | 10.630             |          |
| 12,300.0                                                                                    | 10,744.2              | 12,556.6              | 10,765.5              | 41.0      | 41.7   | -91.33          |                       | -1,876.2                            | 482.4        | 869.7                  | 787.3                   | 82.47                     | 10.546             |          |
| 12,400.0                                                                                    | 10,744.3              | 12,656.6              | 10,765.6              | 41.4      | 42.0   | -91.33          |                       | -1,976.2                            | 483.1        | 869.8                  | 786.6                   | 83.16                     | 10.459             |          |
| 12,500.0                                                                                    | 10,744.4              | 12,756.6              | 10,765.7              | 41.7      | 42.4   | -91.33          |                       | -2,076.2                            | 483.7        | 869.8                  | 785.9                   | 83.87                     | 10.370             |          |
| 12,600.0                                                                                    | 10,744.6              | 12,856.6              | 10,765.8              | 42.1      | 42.8   | -91.33          |                       | -2,176.2                            | 484.4        | 869.8                  | 785.1                   | 84.61                     | 10.279             |          |
| 12,700.0                                                                                    | 10,744.7              | 12,956.6              | 10,765.9              | 42.5      | 43.2   | -91.33          |                       | -2,276.2                            | 485.0        | 869.8                  | 784.4                   | 85.39                     | 10.186             |          |
| 12,800.0                                                                                    | 10,744.8              | 13,056.6              | 10,766.0              | 42.9      | 43.6   | -91.33          |                       | -2,376.2                            | 485.7        | 869.8                  | 783.6                   | 86.19                     | 10.092             |          |
| 12,900.0                                                                                    | 10,744.9              | 13,156.6              | 10,766.1              | 43.3      | 44.0   | -91.33          |                       | -2,476.2                            | 486.3        | 869.8                  | 782.8                   | 87.01                     | 9.996              |          |
| 13,000.0                                                                                    | 10,745.0              | 13,256.6              | 10,766.2              | 43.7      | 44.4   | -91.33          |                       | -2,576.2                            | 486.9        | 869.8                  | 781.9                   | 87.87                     | 9.899              |          |
| 13,100.0                                                                                    | 10,745.1              | 13,356.6              | 10,766.3              | 44.2      | 44.8   | -91.33          |                       | -2,676.2                            | 487.6        | 869.8                  | 781.0                   | 88.75                     | 9.801              |          |
| 13,200.0                                                                                    | 10,745.2              | 13,456.6              | 10,766.4              | 44.6      | 45.3   | -91.33          |                       | -2,776.2                            | 488.2        | 869.8                  | 780.2                   | 89.65                     | 9.702              |          |
| 13,300.0                                                                                    | 10,745.3              | 13,556.6              | 10,766.5              | 45.1      | 45.8   | -91.33          |                       | -2,876.2                            | 488.9        | 869.8                  | 779.2                   | 90.57                     | 9.603              |          |
| 13,400.0                                                                                    | 10,745.4              | 13,656.6              | 10,766.6              | 45.5      | 46.2   | -91.33          |                       | -2,976.2                            | 489.5        | 869.8                  | 778.3                   | 91.52                     | 9.504              |          |
| 13,500.0                                                                                    | 10,745.5              | 13,756.6              | 10,766.7              | 46.0      | 46.7   | -91.33          |                       | -3,076.2                            | 490.2        | 869.8                  | 777.3                   | 92.50                     | 9.404              |          |
| 13,600.0                                                                                    | 10,745.6              | 13,856.6              | 10,766.8              | 46.5      | 47.2   | -91.33          |                       | -3,176.2                            | 490.8        | 869.8                  | 776.3                   | 93.49                     | 9.304              |          |
| 13,700.0                                                                                    | 10,745.7              | 13,956.6              | 10,766.9              | 47.0      | 47.7   | -91.33          |                       | -3,276.2                            | 491.5        | 869.8                  | 775.3                   | 94.51                     | 9.204              |          |
| 13,800.0                                                                                    | 10,745.8              | 14,056.6              | 10,767.0              | 47.5      | 48.2   | -91.33          |                       | -3,376.2                            | 492.1        | 869.8                  | 774.3                   | 95.54                     | 9.104              |          |

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 WEST                    | <b>Local Co-ordinate Reference:</b> | Well CABO WABO FED COM #702H     |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)                  | <b>TVD Reference:</b>               | KB=27' @ 3173.0usft (Nabors 893) |
| <b>Reference Site:</b>    | CABO WABO FEDERAL PROJECT (ATLAS 2529) | <b>MD Reference:</b>                | KB=27' @ 3173.0usft (Nabors 893) |
| <b>Site Error:</b>        | 3.0 usft                               | <b>North Reference:</b>             | Grid                             |
| <b>Reference Well:</b>    | CABO WABO FED COM #702H                | <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 CABO WABO FEDERAL PROJECT (ATLAS 2529) - CABO WABO FED COM #701H - OWB - PWP1 |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Site Error: | 3.0 usft |
|---------------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|----------|
| Survey Program: 0-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            |          |
| 13,900.0                                                                                    | 10,745.9              | 14,156.6              | 10,767.1              | 48.1             | 48.8          | -91.33                | -3,476.2                            | 492.8        | 869.8                  | 773.2                   | 96.60                     | 9.005             |                    |          |
| 14,000.0                                                                                    | 10,746.0              | 14,256.6              | 10,767.2              | 48.6             | 49.3          | -91.33                | -3,576.2                            | 493.4        | 869.8                  | 772.2                   | 97.67                     | 8.906             |                    |          |
| 14,100.0                                                                                    | 10,746.1              | 14,356.6              | 10,767.3              | 49.1             | 49.9          | -91.33                | -3,676.2                            | 494.1        | 869.9                  | 771.1                   | 98.76                     | 8.808             |                    |          |
| 14,200.0                                                                                    | 10,746.2              | 14,456.6              | 10,767.4              | 49.7             | 50.4          | -91.33                | -3,776.2                            | 494.7        | 869.9                  | 770.0                   | 99.87                     | 8.710             |                    |          |
| 14,300.0                                                                                    | 10,746.3              | 14,556.6              | 10,767.5              | 50.3             | 51.0          | -91.33                | -3,876.2                            | 495.4        | 869.9                  | 768.9                   | 101.00                    | 8.613             |                    |          |
| 14,400.0                                                                                    | 10,746.4              | 14,656.6              | 10,767.6              | 50.8             | 51.6          | -91.33                | -3,976.2                            | 496.0        | 869.9                  | 767.7                   | 102.14                    | 8.516             |                    |          |
| 14,500.0                                                                                    | 10,746.5              | 14,756.6              | 10,767.7              | 51.4             | 52.1          | -91.33                | -4,076.2                            | 496.7        | 869.9                  | 766.6                   | 103.30                    | 8.421             |                    |          |
| 14,600.0                                                                                    | 10,746.7              | 14,856.6              | 10,767.8              | 52.0             | 52.7          | -91.33                | -4,176.2                            | 497.3        | 869.9                  | 765.4                   | 104.48                    | 8.326             |                    |          |
| 14,700.0                                                                                    | 10,746.8              | 14,956.6              | 10,767.9              | 52.6             | 53.3          | -91.33                | -4,276.2                            | 498.0        | 869.9                  | 764.2                   | 105.67                    | 8.232             |                    |          |
| 14,800.0                                                                                    | 10,746.9              | 15,056.6              | 10,768.0              | 53.2             | 53.9          | -91.33                | -4,376.2                            | 498.6        | 869.9                  | 763.0                   | 106.87                    | 8.139             |                    |          |
| 14,900.0                                                                                    | 10,747.0              | 15,156.6              | 10,768.1              | 53.8             | 54.5          | -91.33                | -4,476.2                            | 499.3        | 869.9                  | 761.8                   | 108.09                    | 8.048             |                    |          |
| 15,000.0                                                                                    | 10,747.1              | 15,256.6              | 10,768.2              | 54.4             | 55.1          | -91.33                | -4,576.2                            | 499.9        | 869.9                  | 760.6                   | 109.33                    | 7.957             |                    |          |
| 15,100.0                                                                                    | 10,747.2              | 15,356.6              | 10,768.3              | 55.0             | 55.8          | -91.33                | -4,676.2                            | 500.5        | 869.9                  | 759.3                   | 110.57                    | 7.867             |                    |          |
| 15,200.0                                                                                    | 10,747.3              | 15,456.6              | 10,768.4              | 55.6             | 56.4          | -91.33                | -4,776.2                            | 501.2        | 869.9                  | 758.1                   | 111.83                    | 7.779             |                    |          |
| 15,300.0                                                                                    | 10,747.4              | 15,556.6              | 10,768.5              | 56.3             | 57.0          | -91.33                | -4,876.2                            | 501.8        | 869.9                  | 756.8                   | 113.10                    | 7.691             |                    |          |
| 15,400.0                                                                                    | 10,747.5              | 15,656.6              | 10,768.6              | 56.9             | 57.7          | -91.33                | -4,976.2                            | 502.5        | 869.9                  | 755.5                   | 114.39                    | 7.605             |                    |          |
| 15,500.0                                                                                    | 10,747.6              | 15,756.6              | 10,768.7              | 57.6             | 58.3          | -91.33                | -5,076.2                            | 503.1        | 869.9                  | 754.3                   | 115.68                    | 7.520             |                    |          |
| 15,600.0                                                                                    | 10,747.7              | 15,856.6              | 10,768.8              | 58.2             | 59.0          | -91.33                | -5,176.2                            | 503.8        | 869.9                  | 753.0                   | 116.99                    | 7.436             |                    |          |
| 15,700.0                                                                                    | 10,747.8              | 15,956.6              | 10,769.0              | 58.9             | 59.6          | -91.33                | -5,276.2                            | 504.4        | 869.9                  | 751.6                   | 118.30                    | 7.354             |                    |          |
| 15,800.0                                                                                    | 10,747.9              | 16,056.6              | 10,769.1              | 59.5             | 60.3          | -91.33                | -5,376.2                            | 505.1        | 869.9                  | 750.3                   | 119.63                    | 7.272             |                    |          |
| 15,900.0                                                                                    | 10,748.0              | 16,156.6              | 10,769.2              | 60.2             | 61.0          | -91.33                | -5,476.2                            | 505.7        | 870.0                  | 749.0                   | 120.97                    | 7.192             |                    |          |
| 16,000.0                                                                                    | 10,748.1              | 16,256.6              | 10,769.3              | 60.9             | 61.6          | -91.33                | -5,576.1                            | 506.4        | 870.0                  | 747.6                   | 122.31                    | 7.113             |                    |          |
| 16,100.0                                                                                    | 10,748.2              | 16,356.6              | 10,769.4              | 61.6             | 62.3          | -91.33                | -5,676.1                            | 507.0        | 870.0                  | 746.3                   | 123.67                    | 7.035             |                    |          |
| 16,200.0                                                                                    | 10,748.3              | 16,456.6              | 10,769.5              | 62.2             | 63.0          | -91.33                | -5,776.1                            | 507.7        | 870.0                  | 744.9                   | 125.03                    | 6.958             |                    |          |
| 16,300.0                                                                                    | 10,748.4              | 16,556.6              | 10,769.6              | 62.9             | 63.7          | -91.33                | -5,876.1                            | 508.3        | 870.0                  | 743.6                   | 126.41                    | 6.882             |                    |          |
| 16,400.0                                                                                    | 10,748.5              | 16,656.6              | 10,769.7              | 63.6             | 64.4          | -91.33                | -5,976.1                            | 509.0        | 870.0                  | 742.2                   | 127.79                    | 6.808             |                    |          |
| 16,500.0                                                                                    | 10,748.6              | 16,756.6              | 10,769.8              | 64.3             | 65.1          | -91.33                | -6,076.1                            | 509.6        | 870.0                  | 740.8                   | 129.18                    | 6.735             |                    |          |
| 16,600.0                                                                                    | 10,748.8              | 16,856.6              | 10,769.9              | 65.0             | 65.8          | -91.33                | -6,176.1                            | 510.3        | 870.0                  | 739.4                   | 130.58                    | 6.663             |                    |          |
| 16,700.0                                                                                    | 10,748.9              | 16,956.6              | 10,770.0              | 65.7             | 66.5          | -91.32                | -6,276.1                            | 510.9        | 870.0                  | 738.0                   | 131.98                    | 6.592             |                    |          |
| 16,800.0                                                                                    | 10,749.0              | 17,056.6              | 10,770.1              | 66.4             | 67.2          | -91.32                | -6,376.1                            | 511.6        | 870.0                  | 736.6                   | 133.40                    | 6.522             |                    |          |
| 16,900.0                                                                                    | 10,749.1              | 17,156.6              | 10,770.2              | 67.1             | 67.9          | -91.32                | -6,476.1                            | 512.2        | 870.0                  | 735.2                   | 134.82                    | 6.453             |                    |          |
| 17,000.0                                                                                    | 10,749.2              | 17,256.6              | 10,770.3              | 67.8             | 68.6          | -91.32                | -6,576.1                            | 512.9        | 870.0                  | 733.8                   | 136.24                    | 6.386             |                    |          |
| 17,100.0                                                                                    | 10,749.3              | 17,356.6              | 10,770.4              | 68.5             | 69.3          | -91.32                | -6,676.1                            | 513.5        | 870.0                  | 732.3                   | 137.68                    | 6.319             |                    |          |
| 17,200.0                                                                                    | 10,749.4              | 17,456.6              | 10,770.5              | 69.3             | 70.0          | -91.32                | -6,776.1                            | 514.2        | 870.0                  | 730.9                   | 139.12                    | 6.254             |                    |          |
| 17,300.0                                                                                    | 10,749.5              | 17,556.6              | 10,770.6              | 70.0             | 70.8          | -91.32                | -6,876.1                            | 514.8        | 870.0                  | 729.5                   | 140.57                    | 6.190             |                    |          |
| 17,400.0                                                                                    | 10,749.6              | 17,656.6              | 10,770.7              | 70.7             | 71.5          | -91.32                | -6,976.1                            | 515.4        | 870.0                  | 728.0                   | 142.02                    | 6.126             |                    |          |
| 17,500.0                                                                                    | 10,749.7              | 17,756.6              | 10,770.8              | 71.4             | 72.2          | -91.32                | -7,076.1                            | 516.1        | 870.0                  | 726.6                   | 143.48                    | 6.064             |                    |          |
| 17,600.0                                                                                    | 10,749.8              | 17,856.6              | 10,770.9              | 72.2             | 72.9          | -91.32                | -7,176.1                            | 516.7        | 870.1                  | 725.1                   | 144.94                    | 6.003             |                    |          |
| 17,700.0                                                                                    | 10,749.9              | 17,956.6              | 10,771.0              | 72.9             | 73.7          | -91.32                | -7,276.1                            | 517.4        | 870.1                  | 723.6                   | 146.42                    | 5.942             |                    |          |
| 17,800.0                                                                                    | 10,750.0              | 18,056.6              | 10,771.1              | 73.6             | 74.4          | -91.32                | -7,376.1                            | 518.0        | 870.1                  | 722.2                   | 147.89                    | 5.883             |                    |          |
| 17,900.0                                                                                    | 10,750.1              | 18,156.6              | 10,771.2              | 74.4             | 75.2          | -91.32                | -7,476.1                            | 518.7        | 870.1                  | 720.7                   | 149.37                    | 5.825             |                    |          |
| 18,000.0                                                                                    | 10,750.2              | 18,256.6              | 10,771.3              | 75.1             | 75.9          | -91.32                | -7,576.1                            | 519.3        | 870.1                  | 719.2                   | 150.86                    | 5.767             |                    |          |
| 18,100.0                                                                                    | 10,750.3              | 18,356.6              | 10,771.4              | 75.9             | 76.6          | -91.32                | -7,676.1                            | 520.0        | 870.1                  | 717.7                   | 152.35                    | 5.711             |                    |          |
| 18,200.0                                                                                    | 10,750.4              | 18,456.6              | 10,771.5              | 76.6             | 77.4          | -91.32                | -7,776.1                            | 520.6        | 870.1                  | 716.2                   | 153.85                    | 5.655             |                    |          |
| 18,300.0                                                                                    | 10,750.5              | 18,556.6              | 10,771.6              | 77.4             | 78.1          | -91.32                | -7,876.1                            | 521.3        | 870.1                  | 714.7                   | 155.35                    | 5.601             |                    |          |
| 18,400.0                                                                                    | 10,750.6              | 18,656.6              | 10,771.7              | 78.1             | 78.9          | -91.32                | -7,976.1                            | 521.9        | 870.1                  | 713.2                   | 156.86                    | 5.547             |                    |          |
| 18,500.0                                                                                    | 10,750.8              | 18,756.6              | 10,771.8              | 78.9             | 79.7          | -91.32                | -8,076.1                            | 522.6        | 870.1                  | 711.7                   | 158.37                    | 5.494             |                    |          |
| 18,600.0                                                                                    | 10,750.9              | 18,856.6              | 10,771.9              | 79.6             | 80.4          | -91.32                | -8,176.1                            | 523.2        | 870.1                  | 710.2                   | 159.88                    | 5.442             |                    |          |
| 18,700.0                                                                                    | 10,751.0              | 18,956.6              | 10,772.0              | 80.4             | 81.2          | -91.32                | -8,276.1                            | 523.9        | 870.1                  | 708.7                   | 161.40                    | 5.391             |                    |          |
| 18,800.0                                                                                    | 10,751.1              | 19,056.6              | 10,772.1              | 81.2             | 81.9          | -91.32                | -8,376.1                            | 524.5        | 870.1                  | 707.2                   | 162.92                    | 5.341             |                    |          |
| 18,900.0                                                                                    | 10,751.2              | 19,156.6              | 10,772.2              | 81.9             | 82.7          | -91.32                | -8,476.1                            | 525.2        | 870.1                  | 705.7                   | 164.45                    | 5.291             |                    |          |

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 WEST                    | <b>Local Co-ordinate Reference:</b> | Well CABO WABO FED COM #702H     |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)                  | <b>TVD Reference:</b>               | KB=27' @ 3173.0usft (Nabors 893) |
| <b>Reference Site:</b>    | CABO WABO FEDERAL PROJECT (ATLAS 2529) | <b>MD Reference:</b>                | KB=27' @ 3173.0usft (Nabors 893) |
| <b>Site Error:</b>        | 3.0 usft                               | <b>North Reference:</b>             | Grid                             |
| <b>Reference Well:</b>    | CABO WABO FED COM #702H                | <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 CABO WABO FEDERAL PROJECT (ATLAS 2529) - CABO WABO FED COM #701H - OWB - PWP1 |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           | 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  |          |
| 19,000.0                                                                                    | 10,751.3              | 19,256.6              | 10,772.3              | 82.7             | 83.5          | -91.32                | -8,576.1                            | 525.8        | 870.1                  | 704.2                   | 165.98                    | 5.242              |          |
| 19,100.0                                                                                    | 10,751.4              | 19,356.6              | 10,772.4              | 83.4             | 84.2          | -91.32                | -8,676.1                            | 526.5        | 870.1                  | 702.6                   | 167.52                    | 5.194              |          |
| 19,200.0                                                                                    | 10,751.5              | 19,456.6              | 10,772.5              | 84.2             | 85.0          | -91.32                | -8,776.1                            | 527.1        | 870.1                  | 701.1                   | 169.06                    | 5.147              |          |
| 19,300.0                                                                                    | 10,751.6              | 19,556.6              | 10,772.6              | 85.0             | 85.8          | -91.32                | -8,876.1                            | 527.8        | 870.2                  | 699.6                   | 170.60                    | 5.101              |          |
| 19,400.0                                                                                    | 10,751.7              | 19,656.6              | 10,772.7              | 85.8             | 86.5          | -91.32                | -8,976.1                            | 528.4        | 870.2                  | 698.0                   | 172.14                    | 5.055              |          |
| 19,500.0                                                                                    | 10,751.8              | 19,756.6              | 10,772.8              | 86.5             | 87.3          | -91.32                | -9,076.1                            | 529.0        | 870.2                  | 696.5                   | 173.69                    | 5.010              |          |
| 19,600.0                                                                                    | 10,751.9              | 19,856.6              | 10,772.9              | 87.3             | 88.1          | -91.32                | -9,176.1                            | 529.7        | 870.2                  | 694.9                   | 175.24                    | 4.965              |          |
| 19,700.0                                                                                    | 10,752.0              | 19,956.6              | 10,773.0              | 88.1             | 88.9          | -91.32                | -9,276.1                            | 530.3        | 870.2                  | 693.4                   | 176.80                    | 4.922              |          |
| 19,800.0                                                                                    | 10,752.1              | 20,056.6              | 10,773.1              | 88.9             | 89.6          | -91.32                | -9,376.1                            | 531.0        | 870.2                  | 691.8                   | 178.36                    | 4.879              |          |
| 19,900.0                                                                                    | 10,752.2              | 20,156.6              | 10,773.2              | 89.6             | 90.4          | -91.32                | -9,476.1                            | 531.6        | 870.2                  | 690.3                   | 179.92                    | 4.837              |          |
| 20,000.0                                                                                    | 10,752.3              | 20,256.6              | 10,773.3              | 90.4             | 91.2          | -91.32                | -9,576.1                            | 532.3        | 870.2                  | 688.7                   | 181.48                    | 4.795              |          |
| 20,100.0                                                                                    | 10,752.4              | 20,356.6              | 10,773.4              | 91.2             | 92.0          | -91.32                | -9,676.1                            | 532.9        | 870.2                  | 687.1                   | 183.05                    | 4.754              |          |
| 20,200.0                                                                                    | 10,752.5              | 20,456.6              | 10,773.6              | 92.0             | 92.8          | -91.32                | -9,776.1                            | 533.6        | 870.2                  | 685.6                   | 184.62                    | 4.713              |          |
| 20,300.0                                                                                    | 10,752.6              | 20,556.6              | 10,773.7              | 92.8             | 93.6          | -91.32                | -9,876.1                            | 534.2        | 870.2                  | 684.0                   | 186.19                    | 4.674              |          |
| 20,400.0                                                                                    | 10,752.7              | 20,656.6              | 10,773.8              | 93.6             | 94.3          | -91.32                | -9,976.1                            | 534.9        | 870.2                  | 682.4                   | 187.77                    | 4.635              |          |
| 20,500.0                                                                                    | 10,752.9              | 20,756.6              | 10,773.9              | 94.3             | 95.1          | -91.32                | -10,076.1                           | 535.5        | 870.2                  | 680.9                   | 189.35                    | 4.596              |          |
| 20,600.0                                                                                    | 10,753.0              | 20,856.6              | 10,774.0              | 95.1             | 95.9          | -91.32                | -10,176.0                           | 536.2        | 870.2                  | 679.3                   | 190.93                    | 4.558              |          |
| 20,639.4                                                                                    | 10,753.0              | 20,896.0              | 10,774.0              | 95.4             | 96.2          | -91.32                | -10,215.5                           | 536.4        | 870.2                  | 678.8                   | 191.46                    | 4.545              |          |
| 20,639.8                                                                                    | 10,753.0              | 20,896.1              | 10,774.0              | 95.4             | 96.2          | -91.32                | -10,215.5                           | 536.4        | 870.2                  | 678.8                   | 191.46                    | 4.545              |          |

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 WEST                    | <b>Local Co-ordinate Reference:</b> | Well CABO WABO FED COM #702H     |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)                  | <b>TVD Reference:</b>               | KB=27' @ 3173.0usft (Nabors 893) |
| <b>Reference Site:</b>    | CABO WABO FEDERAL PROJECT (ATLAS 2529) | <b>MD Reference:</b>                | KB=27' @ 3173.0usft (Nabors 893) |
| <b>Site Error:</b>        | 3.0 usft                               | <b>North Reference:</b>             | Grid                             |
| <b>Reference Well:</b>    | CABO WABO FED COM #702H                | <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 CABO WABO FEDERAL PROJECT (ATLAS 2529) - CABO WABO FED COM #703H - OWB - PWP1 |                       |                       |                       |                  |               |                                          |                                        |              |                        |                         |                           | Offset Site Error: | 3.0 usft |
|---------------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|------------------------------------------|----------------------------------------|--------------|------------------------|-------------------------|---------------------------|--------------------|----------|
| Survey Program: 0-Standard Keeper 104, 10239-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<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  |
| 0.0                                                                                         | 0.0                   | 0.0                   | 0.0                   | 3.0              | 3.0           | -90.46                                   | -0.2                                   | -29.9        | 29.9                   |                         |                           |                    |          |
| 100.0                                                                                       | 100.0                 | 100.0                 | 100.0                 | 3.0              | 3.0           | -90.46                                   | -0.2                                   | -29.9        | 29.9                   | 23.9                    | 6.00                      | 4.986              |          |
| 200.0                                                                                       | 200.0                 | 200.0                 | 200.0                 | 3.0              | 3.0           | -90.46                                   | -0.2                                   | -29.9        | 29.9                   | 23.9                    | 6.04                      | 4.955              |          |
| 300.0                                                                                       | 300.0                 | 300.0                 | 300.0                 | 3.1              | 3.0           | -90.46                                   | -0.2                                   | -29.9        | 29.9                   | 23.8                    | 6.12                      | 4.889              |          |
| 400.0                                                                                       | 400.0                 | 400.0                 | 400.0                 | 3.2              | 3.0           | -90.46                                   | -0.2                                   | -29.9        | 29.9                   | 23.7                    | 6.24                      | 4.795              |          |
| 500.0                                                                                       | 500.0                 | 500.0                 | 500.0                 | 3.4              | 3.1           | -90.46                                   | -0.2                                   | -29.9        | 29.9                   | 23.5                    | 6.40                      | 4.677              |          |
| 600.0                                                                                       | 600.0                 | 600.0                 | 600.0                 | 3.6              | 3.1           | -90.46                                   | -0.2                                   | -29.9        | 29.9                   | 23.3                    | 6.59                      | 4.544              |          |
| 700.0                                                                                       | 700.0                 | 700.0                 | 700.0                 | 3.8              | 3.1           | -90.46                                   | -0.2                                   | -29.9        | 29.9                   | 23.1                    | 6.80                      | 4.400              |          |
| 800.0                                                                                       | 800.0                 | 800.0                 | 800.0                 | 4.0              | 3.2           | -90.46                                   | -0.2                                   | -29.9        | 29.9                   | 22.9                    | 7.04                      | 4.252              |          |
| 900.0                                                                                       | 900.0                 | 900.0                 | 900.0                 | 4.2              | 3.2           | -90.46                                   | -0.2                                   | -29.9        | 29.9                   | 22.6                    | 7.30                      | 4.101              |          |
| 1,000.0                                                                                     | 1,000.0               | 1,000.0               | 1,000.0               | 4.5              | 3.2           | -90.46                                   | -0.2                                   | -29.9        | 29.9                   | 22.4                    | 7.57                      | 3.953              |          |
| 1,100.0                                                                                     | 1,100.0               | 1,100.0               | 1,100.0               | 4.8              | 3.3           | -90.46                                   | -0.2                                   | -29.9        | 29.9                   | 22.1                    | 7.86                      | 3.807              |          |
| 1,200.0                                                                                     | 1,200.0               | 1,200.0               | 1,200.0               | 5.1              | 3.4           | -90.46                                   | -0.2                                   | -29.9        | 29.9                   | 21.8                    | 8.16                      | 3.667              |          |
| 1,300.0                                                                                     | 1,300.0               | 1,300.0               | 1,300.0               | 5.4              | 3.4           | -90.46                                   | -0.2                                   | -29.9        | 29.9                   | 21.5                    | 8.47                      | 3.532              |          |
| 1,400.0                                                                                     | 1,400.0               | 1,400.0               | 1,400.0               | 5.7              | 3.5           | -90.46                                   | -0.2                                   | -29.9        | 29.9                   | 21.1                    | 8.79                      | 3.403              |          |
| 1,500.0                                                                                     | 1,500.0               | 1,500.0               | 1,500.0               | 6.0              | 3.5           | -90.46                                   | -0.2                                   | -29.9        | 29.9                   | 20.8                    | 9.12                      | 3.281              |          |
| 1,600.0                                                                                     | 1,600.0               | 1,600.0               | 1,600.0               | 6.3              | 3.6           | -90.46                                   | -0.2                                   | -29.9        | 29.9                   | 20.5                    | 9.46                      | 3.165              |          |
| 1,700.0                                                                                     | 1,700.0               | 1,700.0               | 1,700.0               | 6.6              | 3.7           | -90.46                                   | -0.2                                   | -29.9        | 29.9                   | 20.1                    | 9.80                      | 3.054              |          |
| 1,800.0                                                                                     | 1,800.0               | 1,800.0               | 1,800.0               | 6.9              | 3.8           | -90.46                                   | -0.2                                   | -29.9        | 29.9                   | 19.8                    | 10.15                     | 2.950              |          |
| 1,900.0                                                                                     | 1,900.0               | 1,900.0               | 1,900.0               | 7.2              | 3.9           | -90.46                                   | -0.2                                   | -29.9        | 29.9                   | 19.4                    | 10.50                     | 2.851              |          |
| 2,000.0                                                                                     | 2,000.0               | 2,000.0               | 2,000.0               | 7.6              | 3.9           | -90.46                                   | -0.2                                   | -29.9        | 29.9                   | 19.1                    | 10.85                     | 2.758              |          |
| 2,100.0                                                                                     | 2,100.0               | 2,100.0               | 2,100.0               | 7.9              | 4.0           | -90.46                                   | -0.2                                   | -29.9        | 29.9                   | 18.7                    | 11.21                     | 2.669              |          |
| 2,200.0                                                                                     | 2,200.0               | 2,200.0               | 2,200.0               | 8.2              | 4.1           | -90.46                                   | -0.2                                   | -29.9        | 29.9                   | 18.4                    | 11.58                     | 2.586              |          |
| 2,300.0                                                                                     | 2,300.0               | 2,300.0               | 2,300.0               | 8.6              | 4.2           | -90.46                                   | -0.2                                   | -29.9        | 29.9                   | 18.0                    | 11.94                     | 2.506              |          |
| 2,400.0                                                                                     | 2,400.0               | 2,400.0               | 2,400.0               | 8.9              | 4.3           | -90.46                                   | -0.2                                   | -29.9        | 29.9                   | 17.6                    | 12.31                     | 2.431              |          |
| 2,500.0                                                                                     | 2,500.0               | 2,500.0               | 2,500.0               | 9.2              | 4.4           | -90.46                                   | -0.2                                   | -29.9        | 29.9                   | 17.2                    | 12.68                     | 2.360 CC, ES, SF   |          |
| 2,600.0                                                                                     | 2,600.0               | 2,599.0               | 2,599.0               | 9.6              | 4.4           | -91.50                                   | -0.8                                   | -31.5        | 31.6                   | 18.5                    | 13.05                     | 2.418              |          |
| 2,700.0                                                                                     | 2,700.0               | 2,697.7               | 2,697.6               | 9.9              | 4.5           | -94.05                                   | -2.6                                   | -36.3        | 36.5                   | 23.1                    | 13.41                     | 2.722              |          |
| 2,800.0                                                                                     | 2,800.0               | 2,796.0               | 2,795.5               | 10.3             | 4.5           | -97.04                                   | -5.5                                   | -44.3        | 44.9                   | 31.1                    | 13.77                     | 3.258              |          |
| 2,900.0                                                                                     | 2,900.0               | 2,895.4               | 2,894.3               | 10.6             | 4.5           | -99.47                                   | -9.0                                   | -54.0        | 55.1                   | 40.9                    | 14.14                     | 3.895              |          |
| 3,000.0                                                                                     | 3,000.0               | 2,994.9               | 2,993.2               | 10.9             | 4.5           | -101.15                                  | -12.6                                  | -63.8        | 65.4                   | 50.9                    | 14.52                     | 4.502              |          |
| 3,100.0                                                                                     | 3,100.0               | 3,094.3               | 3,092.2               | 11.3             | 4.5           | -102.36                                  | -16.1                                  | -73.6        | 75.7                   | 60.8                    | 14.91                     | 5.081              |          |
| 3,200.0                                                                                     | 3,200.0               | 3,193.8               | 3,191.1               | 11.6             | 4.6           | -103.29                                  | -19.7                                  | -83.4        | 86.1                   | 70.8                    | 15.29                     | 5.631              |          |
| 3,300.0                                                                                     | 3,300.0               | 3,293.2               | 3,290.0               | 12.0             | 4.6           | -104.01                                  | -23.2                                  | -93.1        | 96.5                   | 80.8                    | 15.68                     | 6.154              |          |
| 3,400.0                                                                                     | 3,400.0               | 3,392.7               | 3,388.9               | 12.3             | 4.6           | -104.60                                  | -26.8                                  | -102.9       | 106.9                  | 90.8                    | 16.07                     | 6.651              |          |
| 3,500.0                                                                                     | 3,500.0               | 3,492.1               | 3,487.8               | 12.7             | 4.7           | -105.08                                  | -30.4                                  | -112.7       | 117.3                  | 100.8                   | 16.47                     | 7.124              |          |
| 3,600.0                                                                                     | 3,600.0               | 3,591.6               | 3,586.7               | 13.0             | 4.7           | -105.48                                  | -33.9                                  | -122.4       | 127.7                  | 110.9                   | 16.87                     | 7.574              |          |
| 3,700.0                                                                                     | 3,700.0               | 3,691.0               | 3,685.6               | 13.4             | 4.7           | -105.82                                  | -37.5                                  | -132.2       | 138.2                  | 120.9                   | 17.27                     | 8.001              |          |
| 3,800.0                                                                                     | 3,800.0               | 3,790.5               | 3,784.5               | 13.7             | 4.8           | -106.12                                  | -41.0                                  | -142.0       | 148.6                  | 130.9                   | 17.67                     | 8.408              |          |
| 3,900.0                                                                                     | 3,900.0               | 3,889.9               | 3,883.4               | 14.1             | 4.9           | -106.37                                  | -44.6                                  | -151.7       | 159.0                  | 140.9                   | 18.08                     | 8.795              |          |
| 4,000.0                                                                                     | 4,000.0               | 3,889.4               | 3,882.3               | 14.4             | 4.9           | -106.59                                  | -48.1                                  | -161.5       | 169.4                  | 151.0                   | 18.49                     | 9.163              |          |
| 4,100.0                                                                                     | 4,100.0               | 4,088.8               | 4,081.2               | 14.8             | 5.0           | -106.79                                  | -51.7                                  | -171.3       | 179.9                  | 161.0                   | 18.91                     | 9.514              |          |
| 4,200.0                                                                                     | 4,200.0               | 4,188.3               | 4,180.1               | 15.1             | 5.0           | -106.97                                  | -55.2                                  | -181.0       | 190.3                  | 171.0                   | 19.33                     | 9.848              |          |
| 4,300.0                                                                                     | 4,300.0               | 4,287.7               | 4,279.0               | 15.5             | 5.1           | -107.13                                  | -58.8                                  | -190.8       | 200.8                  | 181.0                   | 19.75                     | 10.167             |          |
| 4,400.0                                                                                     | 4,400.0               | 4,387.2               | 4,377.9               | 15.8             | 5.2           | -107.27                                  | -62.4                                  | -200.6       | 211.2                  | 191.0                   | 20.17                     | 10.472             |          |
| 4,500.0                                                                                     | 4,500.0               | 4,486.6               | 4,476.9               | 16.2             | 5.2           | -107.40                                  | -65.9                                  | -210.3       | 221.6                  | 201.0                   | 20.59                     | 10.762             |          |
| 4,600.0                                                                                     | 4,600.0               | 4,586.1               | 4,575.8               | 16.5             | 5.3           | -107.51                                  | -69.5                                  | -220.1       | 232.1                  | 211.1                   | 21.02                     | 11.039             |          |
| 4,700.0                                                                                     | 4,700.0               | 4,685.5               | 4,674.7               | 16.9             | 5.4           | -107.62                                  | -73.0                                  | -229.9       | 242.5                  | 221.1                   | 21.45                     | 11.305             |          |
| 4,800.0                                                                                     | 4,800.0               | 4,785.0               | 4,773.6               | 17.2             | 5.5           | -107.72                                  | -76.6                                  | -239.7       | 253.0                  | 231.1                   | 21.89                     | 11.558             |          |
| 4,900.0                                                                                     | 4,900.0               | 4,884.5               | 4,872.5               | 17.6             | 5.5           | -107.81                                  | -80.1                                  | -249.4       | 263.4                  | 241.1                   | 22.32                     | 11.801             |          |
| 5,000.0                                                                                     | 5,000.0               | 4,983.9               | 4,971.4               | 17.9             | 5.6           | -107.89                                  | -83.7                                  | -259.2       | 273.9                  | 251.1                   | 22.76                     | 12.033             |          |

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 WEST                    | <b>Local Co-ordinate Reference:</b> | Well CABO WABO FED COM #702H     |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)                  | <b>TVD Reference:</b>               | KB=27' @ 3173.0usft (Nabors 893) |
| <b>Reference Site:</b>    | CABO WABO FEDERAL PROJECT (ATLAS 2529) | <b>MD Reference:</b>                | KB=27' @ 3173.0usft (Nabors 893) |
| <b>Site Error:</b>        | 3.0 usft                               | <b>North Reference:</b>             | Grid                             |
| <b>Reference Well:</b>    | CABO WABO FED COM #702H                | <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 CABO WABO FEDERAL PROJECT (ATLAS 2529) - CABO WABO FED COM #703H - OWB - PWP1 |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           | Offset Site Error: | 3.0 usft |
|---------------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|--------------------|----------|
| Survey Program: 0-Standard Keeper 104, 10239-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               | 5,083.4               | 5,070.3               | 18.3             | 5.7           | -107.97               | -87.2                               | -269.0       | 284.3                  | 261.1                   | 23.20                     | 12.255             |          |
| 5,200.0                                                                                     | 5,200.0               | 5,182.8               | 5,169.2               | 18.7             | 5.8           | -108.04               | -90.8                               | -278.7       | 294.8                  | 271.1                   | 23.64                     | 12.468             |          |
| 5,300.0                                                                                     | 5,300.0               | 5,282.3               | 5,268.1               | 19.0             | 5.9           | -108.11               | -94.4                               | -288.5       | 305.2                  | 281.1                   | 24.08                     | 12.673             |          |
| 5,400.0                                                                                     | 5,400.0               | 5,381.7               | 5,367.0               | 19.4             | 6.0           | -108.17               | -97.9                               | -298.3       | 315.7                  | 291.1                   | 24.53                     | 12.869             |          |
| 5,500.0                                                                                     | 5,500.0               | 5,481.2               | 5,465.9               | 19.7             | 6.1           | -108.23               | -101.5                              | -308.0       | 326.1                  | 301.1                   | 24.97                     | 13.058             |          |
| 5,600.0                                                                                     | 5,600.0               | 5,580.8               | 5,565.0               | 20.1             | 6.2           | -3.29                 | -105.0                              | -317.8       | 334.8                  | 309.4                   | 25.41                     | 13.176             |          |
| 5,700.0                                                                                     | 5,699.8               | 5,680.6               | 5,664.3               | 20.4             | 6.3           | -3.39                 | -108.6                              | -327.6       | 340.0                  | 314.2                   | 25.84                     | 13.162             |          |
| 5,730.0                                                                                     | 5,729.8               | 5,710.6               | 5,694.1               | 20.5             | 6.3           | -3.43                 | -109.7                              | -330.6       | 340.9                  | 315.0                   | 25.96                     | 13.131             |          |
| 5,800.0                                                                                     | 5,799.5               | 5,780.6               | 5,763.7               | 20.7             | 6.4           | -3.52                 | -112.2                              | -337.4       | 342.7                  | 316.4                   | 26.26                     | 13.047             |          |
| 5,900.0                                                                                     | 5,899.2               | 5,880.6               | 5,863.1               | 21.1             | 6.5           | -3.64                 | -115.7                              | -347.3       | 345.1                  | 318.4                   | 26.69                     | 12.928             |          |
| 6,000.0                                                                                     | 5,998.9               | 5,980.5               | 5,962.6               | 21.4             | 6.6           | -3.77                 | -119.3                              | -357.1       | 347.6                  | 320.4                   | 27.13                     | 12.813             |          |
| 6,100.0                                                                                     | 6,098.6               | 6,080.5               | 6,062.0               | 21.7             | 6.7           | -3.89                 | -122.9                              | -366.9       | 350.0                  | 322.5                   | 27.56                     | 12.700             |          |
| 6,200.0                                                                                     | 6,198.2               | 6,180.5               | 6,161.4               | 22.1             | 6.8           | -4.01                 | -126.5                              | -376.7       | 352.5                  | 324.5                   | 28.00                     | 12.590             |          |
| 6,300.0                                                                                     | 6,297.9               | 6,280.4               | 6,260.8               | 22.4             | 6.9           | -4.13                 | -130.0                              | -386.5       | 355.0                  | 326.5                   | 28.44                     | 12.483             |          |
| 6,400.0                                                                                     | 6,397.6               | 6,380.4               | 6,360.2               | 22.8             | 7.0           | -4.25                 | -133.6                              | -396.4       | 357.4                  | 328.5                   | 28.88                     | 12.378             |          |
| 6,500.0                                                                                     | 6,497.3               | 6,480.4               | 6,459.7               | 23.1             | 7.1           | -4.36                 | -137.2                              | -406.2       | 359.9                  | 330.6                   | 29.32                     | 12.276             |          |
| 6,600.0                                                                                     | 6,597.0               | 6,580.3               | 6,559.1               | 23.4             | 7.2           | -4.48                 | -140.8                              | -416.0       | 362.4                  | 332.6                   | 29.76                     | 12.176             |          |
| 6,700.0                                                                                     | 6,696.6               | 6,680.3               | 6,658.5               | 23.8             | 7.3           | -4.59                 | -144.3                              | -425.8       | 364.8                  | 334.6                   | 30.20                     | 12.079             |          |
| 6,800.0                                                                                     | 6,796.3               | 6,780.3               | 6,757.9               | 24.1             | 7.4           | -4.70                 | -147.9                              | -435.6       | 367.3                  | 336.6                   | 30.65                     | 11.984             |          |
| 6,900.0                                                                                     | 6,896.0               | 6,880.2               | 6,857.3               | 24.5             | 7.5           | -4.81                 | -151.5                              | -445.5       | 369.8                  | 338.7                   | 31.10                     | 11.891             |          |
| 7,000.0                                                                                     | 6,995.7               | 6,980.2               | 6,956.8               | 24.8             | 7.6           | -4.92                 | -155.1                              | -455.3       | 372.2                  | 340.7                   | 31.54                     | 11.800             |          |
| 7,100.0                                                                                     | 7,095.3               | 7,080.2               | 7,056.2               | 25.1             | 7.7           | -5.03                 | -158.6                              | -465.1       | 374.7                  | 342.7                   | 31.99                     | 11.712             |          |
| 7,200.0                                                                                     | 7,195.0               | 7,180.1               | 7,155.6               | 25.5             | 7.8           | -5.14                 | -162.2                              | -474.9       | 377.2                  | 344.7                   | 32.44                     | 11.626             |          |
| 7,300.0                                                                                     | 7,294.7               | 7,280.1               | 7,255.0               | 25.8             | 7.9           | -5.24                 | -165.8                              | -484.7       | 379.7                  | 346.8                   | 32.90                     | 11.541             |          |
| 7,400.0                                                                                     | 7,394.4               | 7,380.1               | 7,354.4               | 26.2             | 8.0           | -5.34                 | -169.3                              | -494.6       | 382.1                  | 348.8                   | 33.35                     | 11.459             |          |
| 7,500.0                                                                                     | 7,494.1               | 7,480.0               | 7,453.8               | 26.5             | 8.2           | -5.45                 | -172.9                              | -504.4       | 384.6                  | 350.8                   | 33.80                     | 11.378             |          |
| 7,600.0                                                                                     | 7,593.7               | 7,580.0               | 7,553.3               | 26.9             | 8.3           | -5.55                 | -176.5                              | -514.2       | 387.1                  | 352.8                   | 34.26                     | 11.300             |          |
| 7,700.0                                                                                     | 7,693.4               | 7,680.0               | 7,652.7               | 27.2             | 8.4           | -5.65                 | -180.1                              | -524.0       | 389.6                  | 354.9                   | 34.71                     | 11.223             |          |
| 7,800.0                                                                                     | 7,793.1               | 7,779.9               | 7,752.1               | 27.6             | 8.5           | -5.74                 | -183.6                              | -533.8       | 392.1                  | 356.9                   | 35.17                     | 11.148             |          |
| 7,900.0                                                                                     | 7,892.8               | 7,879.9               | 7,851.5               | 27.9             | 8.6           | -5.84                 | -187.2                              | -543.6       | 394.5                  | 358.9                   | 35.63                     | 11.074             |          |
| 8,000.0                                                                                     | 7,992.4               | 7,979.9               | 7,950.9               | 28.3             | 8.7           | -5.94                 | -190.8                              | -553.5       | 397.0                  | 360.9                   | 36.08                     | 11.003             |          |
| 8,100.0                                                                                     | 8,092.1               | 8,079.8               | 8,050.4               | 28.6             | 8.8           | -6.03                 | -194.4                              | -563.3       | 399.5                  | 363.0                   | 36.54                     | 10.932             |          |
| 8,200.0                                                                                     | 8,191.8               | 8,179.8               | 8,149.8               | 29.0             | 9.0           | -6.12                 | -197.9                              | -573.1       | 402.0                  | 365.0                   | 37.00                     | 10.864             |          |
| 8,300.0                                                                                     | 8,291.5               | 8,279.8               | 8,249.2               | 29.3             | 9.1           | -6.21                 | -201.5                              | -582.9       | 404.5                  | 367.0                   | 37.46                     | 10.796             |          |
| 8,400.0                                                                                     | 8,391.2               | 8,379.7               | 8,348.6               | 29.7             | 9.2           | -6.31                 | -205.1                              | -592.7       | 407.0                  | 369.0                   | 37.93                     | 10.731             |          |
| 8,500.0                                                                                     | 8,490.8               | 8,479.7               | 8,448.0               | 30.0             | 9.3           | -6.40                 | -208.7                              | -602.6       | 409.5                  | 371.1                   | 38.39                     | 10.666             |          |
| 8,600.0                                                                                     | 8,590.5               | 8,579.7               | 8,547.5               | 30.4             | 9.4           | -6.48                 | -212.2                              | -612.4       | 412.0                  | 373.1                   | 38.85                     | 10.603             |          |
| 8,700.0                                                                                     | 8,690.2               | 8,679.6               | 8,646.9               | 30.7             | 9.6           | -6.57                 | -215.8                              | -622.2       | 414.4                  | 375.1                   | 39.31                     | 10.542             |          |
| 8,800.0                                                                                     | 8,789.9               | 8,779.6               | 8,746.3               | 31.1             | 9.7           | -6.66                 | -219.4                              | -632.0       | 416.9                  | 377.2                   | 39.78                     | 10.481             |          |
| 8,900.0                                                                                     | 8,889.5               | 8,879.6               | 8,845.7               | 31.4             | 9.8           | -6.74                 | -223.0                              | -641.8       | 419.4                  | 379.2                   | 40.24                     | 10.422             |          |
| 9,000.0                                                                                     | 8,989.2               | 8,979.5               | 8,945.1               | 31.8             | 9.9           | -6.83                 | -226.5                              | -651.7       | 421.9                  | 381.2                   | 40.71                     | 10.365             |          |
| 9,100.0                                                                                     | 9,088.9               | 9,079.5               | 9,044.6               | 32.1             | 10.0          | -6.91                 | -230.1                              | -661.5       | 424.4                  | 383.2                   | 41.17                     | 10.308             |          |
| 9,200.0                                                                                     | 9,188.6               | 9,179.5               | 9,144.0               | 32.5             | 10.2          | -6.99                 | -233.7                              | -671.3       | 426.9                  | 385.3                   | 41.64                     | 10.252             |          |
| 9,300.0                                                                                     | 9,288.3               | 9,279.4               | 9,243.4               | 32.8             | 10.3          | -7.08                 | -237.3                              | -681.1       | 429.4                  | 387.3                   | 42.11                     | 10.198             |          |
| 9,400.0                                                                                     | 9,387.9               | 9,379.4               | 9,342.8               | 33.2             | 10.4          | -7.16                 | -240.8                              | -690.9       | 431.9                  | 389.3                   | 42.57                     | 10.145             |          |
| 9,500.0                                                                                     | 9,487.6               | 9,479.4               | 9,442.2               | 33.5             | 10.5          | -7.24                 | -244.4                              | -700.8       | 434.4                  | 391.4                   | 43.04                     | 10.092             |          |
| 9,600.0                                                                                     | 9,587.3               | 9,579.3               | 9,541.7               | 33.9             | 10.7          | -7.32                 | -248.0                              | -710.6       | 436.9                  | 393.4                   | 43.51                     | 10.041             |          |
| 9,700.0                                                                                     | 9,687.0               | 9,679.3               | 9,641.1               | 34.2             | 10.8          | -7.39                 | -251.5                              | -720.4       | 439.4                  | 395.4                   | 43.98                     | 9.991              |          |
| 9,800.0                                                                                     | 9,786.6               | 9,779.3               | 9,740.5               | 34.6             | 10.9          | -7.47                 | -255.1                              | -730.2       | 441.9                  | 397.5                   | 44.45                     | 9.942              |          |
| 9,900.0                                                                                     | 9,886.3               | 9,879.2               | 9,839.9               | 34.9             | 11.0          | -7.55                 | -258.7                              | -740.0       | 444.4                  | 399.5                   | 44.92                     | 9.894              |          |
| 10,000.0                                                                                    | 9,986.0               | 9,979.2               | 9,939.3               | 35.3             | 11.2          | -7.62                 | -262.3                              | -749.9       | 446.9                  | 401.5                   | 45.39                     | 9.846              |          |

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 WEST                    | <b>Local Co-ordinate Reference:</b> | Well CABO WABO FED COM #702H     |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)                  | <b>TVD Reference:</b>               | KB=27' @ 3173.0usft (Nabors 893) |
| <b>Reference Site:</b>    | CABO WABO FEDERAL PROJECT (ATLAS 2529) | <b>MD Reference:</b>                | KB=27' @ 3173.0usft (Nabors 893) |
| <b>Site Error:</b>        | 3.0 usft                               | <b>North Reference:</b>             | Grid                             |
| <b>Reference Well:</b>    | CABO WABO FED COM #702H                | <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 CABO WABO FEDERAL PROJECT (ATLAS 2529) - CABO WABO FED COM #703H - OWB - PWP1 |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Site Error: | 3.0 usft |
|---------------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|----------|
| Survey Program: 0-Standard Keeper 104, 10239-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                                                                                    | 10,085.7              | 10,079.2              | 10,038.8              | 35.7             | 11.3          | -7.70                 | -265.8                              | -759.7       | 449.4                  | 403.6                   | 45.86                     | 9.800             |                    |          |
| 10,197.9                                                                                    | 10,183.3              | 10,177.1              | 10,136.1              | 36.0             | 11.4          | -7.77                 | -269.3                              | -769.3       | 451.9                  | 405.6                   | 46.32                     | 9.755             |                    |          |
| 10,200.0                                                                                    | 10,185.4              | 10,179.1              | 10,138.2              | 36.0             | 11.4          | -5.32                 | -269.4                              | -769.5       | 451.9                  | 405.6                   | 46.33                     | 9.754             |                    |          |
| 10,250.0                                                                                    | 10,235.1              | 10,229.1              | 10,187.8              | 36.2             | 11.5          | 32.78                 | -271.2                              | -774.4       | 452.3                  | 405.7                   | 46.56                     | 9.715             |                    |          |
| 10,300.0                                                                                    | 10,284.3              | 10,264.5              | 10,223.0              | 36.4             | 11.5          | 46.82                 | -273.0                              | -778.1       | 451.7                  | 405.0                   | 46.69                     | 9.673             |                    |          |
| 10,350.0                                                                                    | 10,332.7              | 10,300.0              | 10,258.0              | 36.5             | 11.5          | 53.63                 | -276.7                              | -782.6       | 451.5                  | 404.6                   | 46.83                     | 9.640             |                    |          |
| 10,354.9                                                                                    | 10,337.3              | 10,300.0              | 10,258.0              | 36.5             | 11.5          | 54.05                 | -276.7                              | -782.6       | 451.4                  | 404.6                   | 46.83                     | 9.639             |                    |          |
| 10,400.0                                                                                    | 10,379.8              | 10,328.1              | 10,285.5              | 36.7             | 11.5          | 57.67                 | -281.1                              | -786.8       | 451.7                  | 404.8                   | 46.96                     | 9.619             |                    |          |
| 10,450.0                                                                                    | 10,425.4              | 10,359.9              | 10,316.1              | 36.8             | 11.5          | 60.64                 | -287.5                              | -792.1       | 452.6                  | 405.5                   | 47.11                     | 9.607             |                    |          |
| 10,500.0                                                                                    | 10,469.1              | 10,400.0              | 10,354.1              | 37.0             | 11.5          | 63.31                 | -297.8                              | -799.8       | 454.2                  | 406.9                   | 47.31                     | 9.602             |                    |          |
| 10,550.0                                                                                    | 10,510.4              | 10,423.3              | 10,375.7              | 37.1             | 11.5          | 65.04                 | -305.0                              | -804.7       | 456.4                  | 409.0                   | 47.45                     | 9.619             |                    |          |
| 10,600.0                                                                                    | 10,549.2              | 10,450.0              | 10,400.1              | 37.3             | 11.6          | 66.63                 | -314.1                              | -810.7       | 459.7                  | 412.0                   | 47.62                     | 9.652             |                    |          |
| 10,650.0                                                                                    | 10,585.2              | 10,486.6              | 10,432.6              | 37.4             | 11.6          | 68.53                 | -328.4                              | -819.6       | 463.8                  | 415.9                   | 47.84                     | 9.694             |                    |          |
| 10,700.0                                                                                    | 10,618.0              | 10,518.2              | 10,459.7              | 37.5             | 11.6          | 70.07                 | -342.3                              | -827.9       | 469.0                  | 421.0                   | 48.05                     | 9.761             |                    |          |
| 10,750.0                                                                                    | 10,647.3              | 10,550.0              | 10,486.1              | 37.6             | 11.6          | 71.52                 | -357.6                              | -836.7       | 475.4                  | 427.2                   | 48.27                     | 9.849             |                    |          |
| 10,800.0                                                                                    | 10,673.1              | 10,581.4              | 10,511.2              | 37.7             | 11.6          | 72.82                 | -374.1                              | -846.0       | 483.1                  | 434.6                   | 48.50                     | 9.960             |                    |          |
| 10,850.0                                                                                    | 10,695.1              | 10,613.0              | 10,535.4              | 37.8             | 11.7          | 74.03                 | -392.0                              | -855.7       | 492.1                  | 443.3                   | 48.74                     | 10.096            |                    |          |
| 10,900.0                                                                                    | 10,713.0              | 10,650.0              | 10,562.2              | 37.9             | 11.7          | 75.44                 | -414.4                              | -867.7       | 502.4                  | 453.4                   | 48.99                     | 10.256            |                    |          |
| 10,950.0                                                                                    | 10,726.9              | 10,676.6              | 10,580.4              | 38.0             | 11.7          | 76.07                 | -431.6                              | -876.7       | 514.1                  | 464.9                   | 49.21                     | 10.446            |                    |          |
| 11,000.0                                                                                    | 10,736.5              | 10,708.6              | 10,601.2              | 38.1             | 11.8          | 76.90                 | -453.3                              | -887.8       | 527.2                  | 477.7                   | 49.44                     | 10.663            |                    |          |
| 11,050.0                                                                                    | 10,741.8              | 10,740.9              | 10,620.7              | 38.2             | 11.8          | 77.58                 | -476.2                              | -899.4       | 541.6                  | 492.0                   | 49.66                     | 10.907            |                    |          |
| 11,085.7                                                                                    | 10,743.0              | 10,764.2              | 10,633.8              | 38.2             | 11.9          | 77.99                 | -493.4                              | -908.0       | 552.8                  | 503.0                   | 49.81                     | 11.098            |                    |          |
| 11,100.0                                                                                    | 10,743.0              | 10,773.6              | 10,638.9              | 38.2             | 11.9          | 78.61                 | -500.6                              | -911.5       | 557.4                  | 507.6                   | 49.87                     | 11.178            |                    |          |
| 11,200.0                                                                                    | 10,743.1              | 10,846.0              | 10,673.7              | 38.4             | 12.1          | 82.75                 | -557.7                              | -939.2       | 593.5                  | 543.2                   | 50.28                     | 11.804            |                    |          |
| 11,300.0                                                                                    | 10,743.2              | 10,929.1              | 10,703.4              | 38.5             | 12.3          | 86.08                 | -627.8                              | -972.1       | 633.2                  | 582.5                   | 50.71                     | 12.486            |                    |          |
| 11,400.0                                                                                    | 10,743.3              | 11,021.2              | 10,722.9              | 38.7             | 12.5          | 88.13                 | -709.6                              | -1,009.3     | 674.2                  | 623.0                   | 51.20                     | 13.167            |                    |          |
| 11,500.0                                                                                    | 10,743.4              | 11,123.5              | 10,728.0              | 38.9             | 12.9          | 88.69                 | -803.2                              | -1,050.2     | 714.8                  | 663.0                   | 51.77                     | 13.808            |                    |          |
| 11,600.0                                                                                    | 10,743.5              | 11,248.1              | 10,728.2              | 39.1             | 13.4          | 88.77                 | -918.9                              | -1,096.3     | 752.4                  | 699.9                   | 52.49                     | 14.333            |                    |          |
| 11,700.0                                                                                    | 10,743.6              | 11,376.9              | 10,728.3              | 39.3             | 14.0          | 88.85                 | -1,040.6                            | -1,138.6     | 785.8                  | 732.5                   | 53.30                     | 14.742            |                    |          |
| 11,800.0                                                                                    | 10,743.7              | 11,509.7              | 10,728.4              | 39.6             | 14.7          | 88.90                 | -1,167.8                            | -1,176.5     | 814.9                  | 760.7                   | 54.19                     | 15.038            |                    |          |
| 11,900.0                                                                                    | 10,743.8              | 11,646.0              | 10,728.6              | 39.8             | 15.4          | 88.95                 | -1,300.1                            | -1,209.1     | 839.5                  | 784.4                   | 55.15                     | 15.224            |                    |          |
| 12,000.0                                                                                    | 10,743.9              | 11,785.3              | 10,728.7              | 40.1             | 16.2          | 88.98                 | -1,436.8                            | -1,236.0     | 859.4                  | 803.3                   | 56.15                     | 15.307            |                    |          |
| 12,100.0                                                                                    | 10,744.0              | 11,927.0              | 10,728.9              | 40.4             | 17.0          | 89.01                 | -1,577.1                            | -1,256.4     | 874.5                  | 817.3                   | 57.18                     | 15.294            |                    |          |
| 12,200.0                                                                                    | 10,744.1              | 12,070.6              | 10,729.0              | 40.7             | 17.9          | 89.02                 | -1,720.0                            | -1,270.1     | 884.6                  | 826.4                   | 58.23                     | 15.192            |                    |          |
| 12,300.0                                                                                    | 10,744.2              | 12,215.3              | 10,729.2              | 41.0             | 18.8          | 89.03                 | -1,864.5                            | -1,276.5     | 889.8                  | 830.5                   | 59.28                     | 15.008            |                    |          |
| 12,400.0                                                                                    | 10,744.3              | 12,338.4              | 10,729.3              | 41.4             | 19.5          | 89.03                 | -1,987.6                            | -1,276.7     | 890.4                  | 830.1                   | 60.31                     | 14.765            |                    |          |
| 12,500.0                                                                                    | 10,744.4              | 12,438.4              | 10,729.4              | 41.7             | 20.2          | 89.03                 | -2,087.6                            | -1,276.1     | 890.4                  | 829.1                   | 61.32                     | 14.520            |                    |          |
| 12,600.0                                                                                    | 10,744.6              | 12,538.4              | 10,729.5              | 42.1             | 20.8          | 89.03                 | -2,187.6                            | -1,275.4     | 890.4                  | 828.0                   | 62.37                     | 14.276            |                    |          |
| 12,700.0                                                                                    | 10,744.7              | 12,638.4              | 10,729.6              | 42.5             | 21.5          | 89.03                 | -2,287.6                            | -1,274.8     | 890.4                  | 827.0                   | 63.44                     | 14.034            |                    |          |
| 12,800.0                                                                                    | 10,744.8              | 12,738.4              | 10,729.8              | 42.9             | 22.2          | 89.03                 | -2,387.6                            | -1,274.1     | 890.4                  | 825.9                   | 64.55                     | 13.795            |                    |          |
| 12,900.0                                                                                    | 10,744.9              | 12,838.4              | 10,729.9              | 43.3             | 22.9          | 89.03                 | -2,487.6                            | -1,273.5     | 890.4                  | 824.7                   | 65.67                     | 13.559            |                    |          |
| 13,000.0                                                                                    | 10,745.0              | 12,938.4              | 10,730.0              | 43.7             | 23.6          | 89.03                 | -2,587.6                            | -1,272.8     | 890.4                  | 823.6                   | 66.82                     | 13.325            |                    |          |
| 13,100.0                                                                                    | 10,745.1              | 13,038.4              | 10,730.1              | 44.2             | 24.3          | 89.03                 | -2,687.6                            | -1,272.2     | 890.4                  | 822.4                   | 67.99                     | 13.096            |                    |          |
| 13,200.0                                                                                    | 10,745.2              | 13,138.4              | 10,730.2              | 44.6             | 25.0          | 89.03                 | -2,787.6                            | -1,271.6     | 890.4                  | 821.2                   | 69.18                     | 12.870            |                    |          |
| 13,300.0                                                                                    | 10,745.3              | 13,238.4              | 10,730.3              | 45.1             | 25.8          | 89.03                 | -2,887.6                            | -1,270.9     | 890.4                  | 820.0                   | 70.39                     | 12.649            |                    |          |
| 13,400.0                                                                                    | 10,745.4              | 13,338.4              | 10,730.4              | 45.5             | 26.5          | 89.03                 | -2,987.6                            | -1,270.3     | 890.4                  | 818.8                   | 71.62                     | 12.432            |                    |          |
| 13,500.0                                                                                    | 10,745.5              | 13,438.4              | 10,730.5              | 46.0             | 27.3          | 89.03                 | -3,087.6                            | -1,269.6     | 890.4                  | 817.5                   | 72.87                     | 12.219            |                    |          |
| 13,600.0                                                                                    | 10,745.6              | 13,538.4              | 10,730.6              | 46.5             | 28.0          | 89.03                 | -3,187.6                            | -1,269.0     | 890.4                  | 816.2                   | 74.13                     | 12.011            |                    |          |
| 13,700.0                                                                                    | 10,745.7              | 13,638.4              | 10,730.7              | 47.0             | 28.8          | 89.03                 | -3,287.6                            | -1,268.3     | 890.4                  | 815.0                   | 75.41                     | 11.807            |                    |          |
| 13,800.0                                                                                    | 10,745.8              | 13,738.4              | 10,730.8              | 47.5             | 29.5          | 89.03                 | -3,387.6                            | -1,267.7     | 890.4                  | 813.7                   | 76.71                     | 11.608            |                    |          |
| 13,900.0                                                                                    | 10,745.9              | 13,838.4              | 10,730.9              | 48.1             | 30.3          | 89.03                 | -3,487.6                            | -1,267.0     | 890.4                  | 812.4                   | 78.01                     | 11.413            |                    |          |

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 WEST                    | <b>Local Co-ordinate Reference:</b> | Well CABO WABO FED COM #702H     |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)                  | <b>TVD Reference:</b>               | KB=27' @ 3173.0usft (Nabors 893) |
| <b>Reference Site:</b>    | CABO WABO FEDERAL PROJECT (ATLAS 2529) | <b>MD Reference:</b>                | KB=27' @ 3173.0usft (Nabors 893) |
| <b>Site Error:</b>        | 3.0 usft                               | <b>North Reference:</b>             | Grid                             |
| <b>Reference Well:</b>    | CABO WABO FED COM #702H                | <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 CABO WABO FEDERAL PROJECT (ATLAS 2529) - CABO WABO FED COM #703H - OWB - PWP1 |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           | Offset Site Error: | 3.0 usft |
|---------------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|--------------------|----------|
| Survey Program: 0-Standard Keeper 104, 10239-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  |          |
| 14,000.0                                                                                    | 10,746.0              | 13,938.4              | 10,731.0              | 48.6             | 31.1          | 89.03                 | -3,587.6                            | -1,266.4     | 890.4                  | 811.0                   | 79.34                     | 11.222             |          |
| 14,100.0                                                                                    | 10,746.1              | 14,038.4              | 10,731.1              | 49.1             | 31.9          | 89.03                 | -3,687.6                            | -1,265.7     | 890.4                  | 809.7                   | 80.67                     | 11.037             |          |
| 14,200.0                                                                                    | 10,746.2              | 14,138.4              | 10,731.2              | 49.7             | 32.7          | 89.03                 | -3,787.6                            | -1,265.1     | 890.4                  | 808.3                   | 82.02                     | 10.855             |          |
| 14,300.0                                                                                    | 10,746.3              | 14,238.4              | 10,731.3              | 50.3             | 33.4          | 89.03                 | -3,887.6                            | -1,264.4     | 890.4                  | 807.0                   | 83.38                     | 10.678             |          |
| 14,400.0                                                                                    | 10,746.4              | 14,338.4              | 10,731.4              | 50.8             | 34.2          | 89.03                 | -3,987.6                            | -1,263.8     | 890.3                  | 805.6                   | 84.75                     | 10.505             |          |
| 14,500.0                                                                                    | 10,746.5              | 14,438.4              | 10,731.5              | 51.4             | 35.0          | 89.03                 | -4,087.6                            | -1,263.2     | 890.3                  | 804.2                   | 86.14                     | 10.336             |          |
| 14,600.0                                                                                    | 10,746.7              | 14,538.4              | 10,731.6              | 52.0             | 35.8          | 89.03                 | -4,187.6                            | -1,262.5     | 890.3                  | 802.8                   | 87.53                     | 10.172             |          |
| 14,700.0                                                                                    | 10,746.8              | 14,638.4              | 10,731.8              | 52.6             | 36.6          | 89.03                 | -4,287.6                            | -1,261.9     | 890.3                  | 801.4                   | 88.94                     | 10.011             |          |
| 14,800.0                                                                                    | 10,746.9              | 14,738.4              | 10,731.9              | 53.2             | 37.4          | 89.03                 | -4,387.6                            | -1,261.2     | 890.3                  | 800.0                   | 90.35                     | 9.854              |          |
| 14,900.0                                                                                    | 10,747.0              | 14,838.4              | 10,732.0              | 53.8             | 38.3          | 89.03                 | -4,487.6                            | -1,260.6     | 890.3                  | 798.6                   | 91.77                     | 9.702              |          |
| 15,000.0                                                                                    | 10,747.1              | 14,938.4              | 10,732.1              | 54.4             | 39.1          | 89.03                 | -4,587.6                            | -1,259.9     | 890.3                  | 797.1                   | 93.20                     | 9.553              |          |
| 15,100.0                                                                                    | 10,747.2              | 15,038.4              | 10,732.2              | 55.0             | 39.9          | 89.03                 | -4,687.6                            | -1,259.3     | 890.3                  | 795.7                   | 94.64                     | 9.407              |          |
| 15,200.0                                                                                    | 10,747.3              | 15,138.4              | 10,732.3              | 55.6             | 40.7          | 89.03                 | -4,787.6                            | -1,258.6     | 890.3                  | 794.2                   | 96.09                     | 9.265              |          |
| 15,300.0                                                                                    | 10,747.4              | 15,238.4              | 10,732.4              | 56.3             | 41.5          | 89.03                 | -4,887.6                            | -1,258.0     | 890.3                  | 792.8                   | 97.55                     | 9.127              |          |
| 15,400.0                                                                                    | 10,747.5              | 15,338.4              | 10,732.5              | 56.9             | 42.3          | 89.03                 | -4,987.6                            | -1,257.3     | 890.3                  | 791.3                   | 99.01                     | 8.992              |          |
| 15,500.0                                                                                    | 10,747.6              | 15,438.4              | 10,732.6              | 57.6             | 43.1          | 89.03                 | -5,087.6                            | -1,256.7     | 890.3                  | 789.8                   | 100.48                    | 8.860              |          |
| 15,600.0                                                                                    | 10,747.7              | 15,538.4              | 10,732.7              | 58.2             | 44.0          | 89.03                 | -5,187.6                            | -1,256.1     | 890.3                  | 788.3                   | 101.96                    | 8.732              |          |
| 15,700.0                                                                                    | 10,747.8              | 15,638.4              | 10,732.8              | 58.9             | 44.8          | 89.03                 | -5,287.6                            | -1,255.4     | 890.3                  | 786.9                   | 103.44                    | 8.606              |          |
| 15,800.0                                                                                    | 10,747.9              | 15,738.4              | 10,732.9              | 59.5             | 45.6          | 89.03                 | -5,387.6                            | -1,254.8     | 890.3                  | 785.4                   | 104.94                    | 8.484              |          |
| 15,900.0                                                                                    | 10,748.0              | 15,838.4              | 10,733.0              | 60.2             | 46.4          | 89.03                 | -5,487.6                            | -1,254.1     | 890.3                  | 783.9                   | 106.43                    | 8.365              |          |
| 16,000.0                                                                                    | 10,748.1              | 15,938.4              | 10,733.1              | 60.9             | 47.3          | 89.03                 | -5,587.6                            | -1,253.5     | 890.3                  | 782.3                   | 107.94                    | 8.248              |          |
| 16,100.0                                                                                    | 10,748.2              | 16,038.4              | 10,733.2              | 61.6             | 48.1          | 89.03                 | -5,687.6                            | -1,252.8     | 890.3                  | 780.8                   | 109.45                    | 8.134              |          |
| 16,200.0                                                                                    | 10,748.3              | 16,138.4              | 10,733.3              | 62.2             | 48.9          | 89.03                 | -5,787.6                            | -1,252.2     | 890.3                  | 779.3                   | 110.96                    | 8.023              |          |
| 16,300.0                                                                                    | 10,748.4              | 16,238.4              | 10,733.4              | 62.9             | 49.8          | 89.03                 | -5,887.6                            | -1,251.5     | 890.3                  | 777.8                   | 112.48                    | 7.915              |          |
| 16,400.0                                                                                    | 10,748.5              | 16,338.4              | 10,733.5              | 63.6             | 50.6          | 89.03                 | -5,987.6                            | -1,250.9     | 890.3                  | 776.3                   | 114.01                    | 7.809              |          |
| 16,500.0                                                                                    | 10,748.6              | 16,438.4              | 10,733.6              | 64.3             | 51.4          | 89.03                 | -6,087.6                            | -1,250.2     | 890.3                  | 774.7                   | 115.54                    | 7.705              |          |
| 16,600.0                                                                                    | 10,748.8              | 16,538.4              | 10,733.8              | 65.0             | 52.3          | 89.03                 | -6,187.6                            | -1,249.6     | 890.3                  | 773.2                   | 117.07                    | 7.604              |          |
| 16,700.0                                                                                    | 10,748.9              | 16,638.4              | 10,733.9              | 65.7             | 53.1          | 89.03                 | -6,287.6                            | -1,249.0     | 890.3                  | 771.6                   | 118.61                    | 7.506              |          |
| 16,800.0                                                                                    | 10,749.0              | 16,738.4              | 10,734.0              | 66.4             | 53.9          | 89.03                 | -6,387.5                            | -1,248.3     | 890.3                  | 770.1                   | 120.16                    | 7.409              |          |
| 16,900.0                                                                                    | 10,749.1              | 16,838.4              | 10,734.1              | 67.1             | 54.8          | 89.03                 | -6,487.5                            | -1,247.7     | 890.3                  | 768.5                   | 121.71                    | 7.315              |          |
| 17,000.0                                                                                    | 10,749.2              | 16,938.4              | 10,734.2              | 67.8             | 55.6          | 89.03                 | -6,587.5                            | -1,247.0     | 890.2                  | 767.0                   | 123.26                    | 7.223              |          |
| 17,100.0                                                                                    | 10,749.3              | 17,038.4              | 10,734.3              | 68.5             | 56.4          | 89.03                 | -6,687.5                            | -1,246.4     | 890.2                  | 765.4                   | 124.82                    | 7.132              |          |
| 17,200.0                                                                                    | 10,749.4              | 17,138.4              | 10,734.4              | 69.3             | 57.3          | 89.03                 | -6,787.5                            | -1,245.7     | 890.2                  | 763.9                   | 126.38                    | 7.044              |          |
| 17,300.0                                                                                    | 10,749.5              | 17,238.4              | 10,734.5              | 70.0             | 58.1          | 89.03                 | -6,887.5                            | -1,245.1     | 890.2                  | 762.3                   | 127.94                    | 6.958              |          |
| 17,400.0                                                                                    | 10,749.6              | 17,338.4              | 10,734.6              | 70.7             | 59.0          | 89.03                 | -6,987.5                            | -1,244.4     | 890.2                  | 760.7                   | 129.51                    | 6.874              |          |
| 17,500.0                                                                                    | 10,749.7              | 17,438.4              | 10,734.7              | 71.4             | 59.8          | 89.03                 | -7,087.5                            | -1,243.8     | 890.2                  | 759.1                   | 131.08                    | 6.791              |          |
| 17,600.0                                                                                    | 10,749.8              | 17,538.4              | 10,734.8              | 72.2             | 60.6          | 89.03                 | -7,187.5                            | -1,243.1     | 890.2                  | 757.6                   | 132.66                    | 6.711              |          |
| 17,700.0                                                                                    | 10,749.9              | 17,638.4              | 10,734.9              | 72.9             | 61.5          | 89.03                 | -7,287.5                            | -1,242.5     | 890.2                  | 756.0                   | 134.24                    | 6.632              |          |
| 17,800.0                                                                                    | 10,750.0              | 17,738.4              | 10,735.0              | 73.6             | 62.3          | 89.03                 | -7,387.5                            | -1,241.9     | 890.2                  | 754.4                   | 135.82                    | 6.554              |          |
| 17,900.0                                                                                    | 10,750.1              | 17,838.4              | 10,735.1              | 74.4             | 63.2          | 89.03                 | -7,487.5                            | -1,241.2     | 890.2                  | 752.8                   | 137.40                    | 6.479              |          |
| 18,000.0                                                                                    | 10,750.2              | 17,938.4              | 10,735.2              | 75.1             | 64.0          | 89.03                 | -7,587.5                            | -1,240.6     | 890.2                  | 751.2                   | 138.99                    | 6.405              |          |
| 18,100.0                                                                                    | 10,750.3              | 18,038.4              | 10,735.3              | 75.9             | 64.8          | 89.03                 | -7,687.5                            | -1,239.9     | 890.2                  | 749.6                   | 140.58                    | 6.332              |          |
| 18,200.0                                                                                    | 10,750.4              | 18,138.4              | 10,735.4              | 76.6             | 65.7          | 89.03                 | -7,787.5                            | -1,239.3     | 890.2                  | 748.0                   | 142.18                    | 6.261              |          |
| 18,300.0                                                                                    | 10,750.5              | 18,238.4              | 10,735.5              | 77.4             | 66.5          | 89.03                 | -7,887.5                            | -1,238.6     | 890.2                  | 746.4                   | 143.77                    | 6.192              |          |
| 18,400.0                                                                                    | 10,750.6              | 18,338.4              | 10,735.6              | 78.1             | 67.4          | 89.03                 | -7,987.5                            | -1,238.0     | 890.2                  | 744.8                   | 145.37                    | 6.123              |          |
| 18,500.0                                                                                    | 10,750.8              | 18,438.4              | 10,735.7              | 78.9             | 68.2          | 89.03                 | -8,087.5                            | -1,237.3     | 890.2                  | 743.2                   | 146.98                    | 6.057              |          |
| 18,600.0                                                                                    | 10,750.9              | 18,538.4              | 10,735.9              | 79.6             | 69.1          | 89.03                 | -8,187.5                            | -1,236.7     | 890.2                  | 741.6                   | 148.58                    | 5.991              |          |
| 18,700.0                                                                                    | 10,751.0              | 18,638.4              | 10,736.0              | 80.4             | 69.9          | 89.03                 | -8,287.5                            | -1,236.0     | 890.2                  | 740.0                   | 150.19                    | 5.927              |          |
| 18,800.0                                                                                    | 10,751.1              | 18,738.4              | 10,736.1              | 81.2             | 70.8          | 89.03                 | -8,387.5                            | -1,235.4     | 890.2                  | 738.4                   | 151.80                    | 5.864              |          |
| 18,900.0                                                                                    | 10,751.2              | 18,838.4              | 10,736.2              | 81.9             | 71.6          | 89.03                 | -8,487.5                            | -1,234.7     | 890.2                  | 736.8                   | 153.41                    | 5.803              |          |
| 19,000.0                                                                                    | 10,751.3              | 18,938.4              | 10,736.3              | 82.7             | 72.5          | 89.03                 | -8,587.5                            | -1,234.1     | 890.2                  | 735.2                   | 155.02                    | 5.742              |          |

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 WEST                    | <b>Local Co-ordinate Reference:</b> | Well CABO WABO FED COM #702H     |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)                  | <b>TVD Reference:</b>               | KB=27' @ 3173.0usft (Nabors 893) |
| <b>Reference Site:</b>    | CABO WABO FEDERAL PROJECT (ATLAS 2529) | <b>MD Reference:</b>                | KB=27' @ 3173.0usft (Nabors 893) |
| <b>Site Error:</b>        | 3.0 usft                               | <b>North Reference:</b>             | Grid                             |
| <b>Reference Well:</b>    | CABO WABO FED COM #702H                | <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> CABO WABO FEDERAL PROJECT (ATLAS 2529) - CABO WABO FED COM #703H - OWB - PWP1 |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           | <b>Offset Site Error:</b> | 3.0 usft |
|----------------------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|---------------------------|----------|
| <b>Survey Program:</b> 0-Standard Keeper 104, 10239-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  |
| 19,100.0                                                                                           | 10,751.4              | 19,038.4              | 10,736.4              | 83.4             | 73.3          | 89.03                 | -8,687.5                            | -1,233.5     | 890.2                  | 733.5                   | 156.64                    | 5.683                     |          |
| 19,200.0                                                                                           | 10,751.5              | 19,138.4              | 10,736.5              | 84.2             | 74.2          | 89.03                 | -8,787.5                            | -1,232.8     | 890.2                  | 731.9                   | 158.26                    | 5.625                     |          |
| 19,300.0                                                                                           | 10,751.6              | 19,238.4              | 10,736.6              | 85.0             | 75.0          | 89.03                 | -8,887.5                            | -1,232.2     | 890.2                  | 730.3                   | 159.88                    | 5.568                     |          |
| 19,400.0                                                                                           | 10,751.7              | 19,338.4              | 10,736.7              | 85.8             | 75.9          | 89.03                 | -8,987.5                            | -1,231.5     | 890.2                  | 728.7                   | 161.50                    | 5.512                     |          |
| 19,500.0                                                                                           | 10,751.8              | 19,438.4              | 10,736.8              | 86.5             | 76.7          | 89.03                 | -9,087.5                            | -1,230.9     | 890.2                  | 727.0                   | 163.12                    | 5.457                     |          |
| 19,600.0                                                                                           | 10,751.9              | 19,538.4              | 10,736.9              | 87.3             | 77.6          | 89.03                 | -9,187.5                            | -1,230.2     | 890.2                  | 725.4                   | 164.75                    | 5.403                     |          |
| 19,700.0                                                                                           | 10,752.0              | 19,638.4              | 10,737.0              | 88.1             | 78.4          | 89.03                 | -9,287.5                            | -1,229.6     | 890.1                  | 723.8                   | 166.38                    | 5.350                     |          |
| 19,800.0                                                                                           | 10,752.1              | 19,738.4              | 10,737.1              | 88.9             | 79.3          | 89.03                 | -9,387.5                            | -1,228.9     | 890.1                  | 722.1                   | 168.01                    | 5.298                     |          |
| 19,900.0                                                                                           | 10,752.2              | 19,838.4              | 10,737.2              | 89.6             | 80.1          | 89.03                 | -9,487.5                            | -1,228.3     | 890.1                  | 720.5                   | 169.64                    | 5.247                     |          |
| 20,000.0                                                                                           | 10,752.3              | 19,938.4              | 10,737.3              | 90.4             | 81.0          | 89.03                 | -9,587.5                            | -1,227.6     | 890.1                  | 718.9                   | 171.27                    | 5.197                     |          |
| 20,100.0                                                                                           | 10,752.4              | 20,038.4              | 10,737.4              | 91.2             | 81.8          | 89.03                 | -9,687.5                            | -1,227.0     | 890.1                  | 717.2                   | 172.91                    | 5.148                     |          |
| 20,200.0                                                                                           | 10,752.5              | 20,138.4              | 10,737.5              | 92.0             | 82.7          | 89.03                 | -9,787.5                            | -1,226.4     | 890.1                  | 715.6                   | 174.54                    | 5.100                     |          |
| 20,300.0                                                                                           | 10,752.6              | 20,238.4              | 10,737.6              | 92.8             | 83.5          | 89.03                 | -9,887.5                            | -1,225.7     | 890.1                  | 713.9                   | 176.18                    | 5.052                     |          |
| 20,400.0                                                                                           | 10,752.7              | 20,338.4              | 10,737.7              | 93.6             | 84.4          | 89.03                 | -9,987.5                            | -1,225.1     | 890.1                  | 712.3                   | 177.82                    | 5.006                     |          |
| 20,500.0                                                                                           | 10,752.9              | 20,438.4              | 10,737.9              | 94.3             | 85.2          | 89.03                 | -10,087.5                           | -1,224.4     | 890.1                  | 710.7                   | 179.46                    | 4.960                     |          |
| 20,600.0                                                                                           | 10,753.0              | 20,538.4              | 10,738.0              | 95.1             | 86.1          | 89.03                 | -10,187.5                           | -1,223.8     | 890.1                  | 709.0                   | 181.11                    | 4.915                     |          |
| 20,634.3                                                                                           | 10,753.0              | 20,572.8              | 10,738.0              | 95.3             | 86.3          | 89.03                 | -10,221.8                           | -1,223.6     | 890.1                  | 708.5                   | 181.59                    | 4.902                     |          |
| 20,639.4                                                                                           | 10,753.0              | 20,577.8              | 10,738.0              | 95.4             | 86.4          | 89.03                 | -10,226.8                           | -1,223.5     | 890.1                  | 708.4                   | 181.67                    | 4.900                     |          |
| 20,639.8                                                                                           | 10,753.0              | 20,577.8              | 10,738.0              | 95.4             | 86.4          | 89.03                 | -10,226.8                           | -1,223.5     | 890.1                  | 708.4                   | 181.67                    | 4.900                     |          |

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 WEST                    | <b>Local Co-ordinate Reference:</b> | Well CABO WABO FED COM #702H     |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)                  | <b>TVD Reference:</b>               | KB=27' @ 3173.0usft (Nabors 893) |
| <b>Reference Site:</b>    | CABO WABO FEDERAL PROJECT (ATLAS 2529) | <b>MD Reference:</b>                | KB=27' @ 3173.0usft (Nabors 893) |
| <b>Site Error:</b>        | 3.0 usft                               | <b>North Reference:</b>             | Grid                             |
| <b>Reference Well:</b>    | CABO WABO FED COM #702H                | <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 CABO WABO FEDERAL PROJECT (ATLAS 2529) - CABO WABO FED COM #801H - OWB - PWP0 |                       |                       |                       |                  |               |                              |                                     |              |                        |                         |                           | Offset Site Error: | 3.0 usft |
|---------------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|------------------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|--------------------|----------|
| Survey Program: 0-Standard Keeper 104, 10877-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                   | 2.0                   | 2.0                   | 3.0              | 3.0           | -90.48                       | -1.9                                | -230.0       | 230.0                  |                         |                           |                    |          |
| 100.0                                                                                       | 100.0                 | 102.0                 | 102.0                 | 3.0              | 3.0           | -90.48                       | -1.9                                | -230.0       | 230.0                  | 224.0                   | 6.00                      | 38.321             |          |
| 200.0                                                                                       | 200.0                 | 202.0                 | 202.0                 | 3.0              | 3.0           | -90.48                       | -1.9                                | -230.0       | 230.0                  | 224.0                   | 6.04                      | 38.078             |          |
| 300.0                                                                                       | 300.0                 | 302.0                 | 302.0                 | 3.1              | 3.0           | -90.48                       | -1.9                                | -230.0       | 230.0                  | 223.9                   | 6.12                      | 37.575             |          |
| 400.0                                                                                       | 400.0                 | 402.0                 | 402.0                 | 3.2              | 3.0           | -90.48                       | -1.9                                | -230.0       | 230.0                  | 223.8                   | 6.24                      | 36.849             |          |
| 500.0                                                                                       | 500.0                 | 502.0                 | 502.0                 | 3.4              | 3.1           | -90.48                       | -1.9                                | -230.0       | 230.0                  | 223.6                   | 6.40                      | 35.949             |          |
| 600.0                                                                                       | 600.0                 | 602.0                 | 602.0                 | 3.6              | 3.1           | -90.48                       | -1.9                                | -230.0       | 230.0                  | 223.5                   | 6.59                      | 34.924             |          |
| 700.0                                                                                       | 700.0                 | 702.0                 | 702.0                 | 3.8              | 3.1           | -90.48                       | -1.9                                | -230.0       | 230.0                  | 223.2                   | 6.80                      | 33.820             |          |
| 800.0                                                                                       | 800.0                 | 802.0                 | 802.0                 | 4.0              | 3.2           | -90.48                       | -1.9                                | -230.0       | 230.0                  | 223.0                   | 7.04                      | 32.675             |          |
| 900.0                                                                                       | 900.0                 | 902.0                 | 902.0                 | 4.2              | 3.2           | -90.48                       | -1.9                                | -230.0       | 230.0                  | 222.7                   | 7.30                      | 31.520             |          |
| 1,000.0                                                                                     | 1,000.0               | 1,002.0               | 1,002.0               | 4.5              | 3.2           | -90.48                       | -1.9                                | -230.0       | 230.0                  | 222.5                   | 7.57                      | 30.377             |          |
| 1,100.0                                                                                     | 1,100.0               | 1,102.0               | 1,102.0               | 4.8              | 3.3           | -90.48                       | -1.9                                | -230.0       | 230.0                  | 222.2                   | 7.86                      | 29.261             |          |
| 1,200.0                                                                                     | 1,200.0               | 1,202.0               | 1,202.0               | 5.1              | 3.4           | -90.48                       | -1.9                                | -230.0       | 230.0                  | 221.9                   | 8.16                      | 28.182             |          |
| 1,300.0                                                                                     | 1,300.0               | 1,302.0               | 1,302.0               | 5.4              | 3.4           | -90.48                       | -1.9                                | -230.0       | 230.0                  | 221.6                   | 8.47                      | 27.146             |          |
| 1,400.0                                                                                     | 1,400.0               | 1,402.0               | 1,402.0               | 5.7              | 3.5           | -90.48                       | -1.9                                | -230.0       | 230.0                  | 221.2                   | 8.79                      | 26.157             |          |
| 1,500.0                                                                                     | 1,500.0               | 1,502.0               | 1,502.0               | 6.0              | 3.5           | -90.48                       | -1.9                                | -230.0       | 230.0                  | 220.9                   | 9.12                      | 25.215             |          |
| 1,600.0                                                                                     | 1,600.0               | 1,602.0               | 1,602.0               | 6.3              | 3.6           | -90.48                       | -1.9                                | -230.0       | 230.0                  | 220.6                   | 9.46                      | 24.322             |          |
| 1,700.0                                                                                     | 1,700.0               | 1,702.0               | 1,702.0               | 6.6              | 3.7           | -90.48                       | -1.9                                | -230.0       | 230.0                  | 220.2                   | 9.80                      | 23.475             |          |
| 1,800.0                                                                                     | 1,800.0               | 1,802.0               | 1,802.0               | 6.9              | 3.8           | -90.48                       | -1.9                                | -230.0       | 230.0                  | 219.9                   | 10.15                     | 22.673             |          |
| 1,900.0                                                                                     | 1,900.0               | 1,902.0               | 1,902.0               | 7.2              | 3.9           | -90.48                       | -1.9                                | -230.0       | 230.0                  | 219.5                   | 10.50                     | 21.914             |          |
| 2,000.0                                                                                     | 2,000.0               | 2,002.0               | 2,002.0               | 7.6              | 3.9           | -90.48                       | -1.9                                | -230.0       | 230.0                  | 219.2                   | 10.85                     | 21.196             |          |
| 2,100.0                                                                                     | 2,100.0               | 2,102.0               | 2,102.0               | 7.9              | 4.0           | -90.48                       | -1.9                                | -230.0       | 230.0                  | 218.8                   | 11.21                     | 20.516             |          |
| 2,200.0                                                                                     | 2,200.0               | 2,202.0               | 2,202.0               | 8.2              | 4.1           | -90.48                       | -1.9                                | -230.0       | 230.0                  | 218.5                   | 11.58                     | 19.872             |          |
| 2,300.0                                                                                     | 2,300.0               | 2,302.0               | 2,302.0               | 8.6              | 4.2           | -90.48                       | -1.9                                | -230.0       | 230.0                  | 218.1                   | 11.94                     | 19.262             |          |
| 2,400.0                                                                                     | 2,400.0               | 2,402.0               | 2,402.0               | 8.9              | 4.3           | -90.48                       | -1.9                                | -230.0       | 230.0                  | 217.7                   | 12.31                     | 18.684             |          |
| 2,500.0                                                                                     | 2,500.0               | 2,502.0               | 2,502.0               | 9.2              | 4.4           | -90.48                       | -1.9                                | -230.0       | 230.0                  | 217.4                   | 12.68                     | 18.136             |          |
| 2,600.0                                                                                     | 2,600.0               | 2,602.0               | 2,602.0               | 9.6              | 4.5           | -90.48                       | -1.9                                | -230.0       | 230.0                  | 217.0                   | 13.06                     | 17.616             |          |
| 2,700.0                                                                                     | 2,700.0               | 2,702.0               | 2,702.0               | 9.9              | 4.6           | -90.48                       | -1.9                                | -230.0       | 230.0                  | 216.6                   | 13.44                     | 17.121             |          |
| 2,800.0                                                                                     | 2,800.0               | 2,802.0               | 2,802.0               | 10.3             | 4.7           | -90.48                       | -1.9                                | -230.0       | 230.0                  | 216.2                   | 13.81                     | 16.651             |          |
| 2,900.0                                                                                     | 2,900.0               | 2,902.0               | 2,902.0               | 10.6             | 4.8           | -90.48                       | -1.9                                | -230.0       | 230.0                  | 215.8                   | 14.20                     | 16.204             |          |
| 3,000.0                                                                                     | 3,000.0               | 3,002.0               | 3,002.0               | 10.9             | 4.9           | -90.48                       | -1.9                                | -230.0       | 230.0                  | 215.5                   | 14.58                     | 15.778             |          |
| 3,100.0                                                                                     | 3,100.0               | 3,102.0               | 3,102.0               | 11.3             | 5.0           | -90.48                       | -1.9                                | -230.0       | 230.0                  | 215.1                   | 14.96                     | 15.372             |          |
| 3,200.0                                                                                     | 3,200.0               | 3,202.0               | 3,202.0               | 11.6             | 5.1           | -90.48                       | -1.9                                | -230.0       | 230.0                  | 214.7                   | 15.35                     | 14.985             |          |
| 3,300.0                                                                                     | 3,300.0               | 3,302.0               | 3,302.0               | 12.0             | 5.2           | -90.48                       | -1.9                                | -230.0       | 230.0                  | 214.3                   | 15.74                     | 14.615             |          |
| 3,400.0                                                                                     | 3,400.0               | 3,402.0               | 3,402.0               | 12.3             | 5.3           | -90.48                       | -1.9                                | -230.0       | 230.0                  | 213.9                   | 16.13                     | 14.262             |          |
| 3,500.0                                                                                     | 3,500.0               | 3,502.0               | 3,502.0               | 12.7             | 5.4           | -90.48                       | -1.9                                | -230.0       | 230.0                  | 213.5                   | 16.52                     | 13.924             |          |
| 3,600.0                                                                                     | 3,600.0               | 3,602.0               | 3,602.0               | 13.0             | 5.5           | -90.48                       | -1.9                                | -230.0       | 230.0                  | 213.1                   | 16.91                     | 13.601             |          |
| 3,700.0                                                                                     | 3,700.0               | 3,702.0               | 3,702.0               | 13.4             | 5.7           | -90.48                       | -1.9                                | -230.0       | 230.0                  | 212.7                   | 17.31                     | 13.292             |          |
| 3,800.0                                                                                     | 3,800.0               | 3,802.0               | 3,802.0               | 13.7             | 5.8           | -90.48                       | -1.9                                | -230.0       | 230.0                  | 212.3                   | 17.70                     | 12.995             |          |
| 3,900.0                                                                                     | 3,900.0               | 3,902.0               | 3,902.0               | 14.1             | 5.9           | -90.48                       | -1.9                                | -230.0       | 230.0                  | 211.9                   | 18.10                     | 12.711             |          |
| 4,000.0                                                                                     | 4,000.0               | 4,002.0               | 4,002.0               | 14.4             | 6.0           | -90.48                       | -1.9                                | -230.0       | 230.0                  | 211.5                   | 18.50                     | 12.438             |          |
| 4,100.0                                                                                     | 4,100.0               | 4,102.0               | 4,102.0               | 14.8             | 6.1           | -90.48                       | -1.9                                | -230.0       | 230.0                  | 211.1                   | 18.89                     | 12.175             |          |
| 4,200.0                                                                                     | 4,200.0               | 4,202.0               | 4,202.0               | 15.1             | 6.2           | -90.48                       | -1.9                                | -230.0       | 230.0                  | 210.7                   | 19.29                     | 11.923             |          |
| 4,300.0                                                                                     | 4,300.0               | 4,302.0               | 4,302.0               | 15.5             | 6.3           | -90.48                       | -1.9                                | -230.0       | 230.0                  | 210.3                   | 19.69                     | 11.681             |          |
| 4,400.0                                                                                     | 4,400.0               | 4,402.0               | 4,402.0               | 15.8             | 6.5           | -90.48                       | -1.9                                | -230.0       | 230.0                  | 209.9                   | 20.09                     | 11.448             |          |
| 4,500.0                                                                                     | 4,500.0               | 4,502.0               | 4,502.0               | 16.2             | 6.6           | -90.48                       | -1.9                                | -230.0       | 230.0                  | 209.5                   | 20.50                     | 11.223             |          |
| 4,600.0                                                                                     | 4,600.0               | 4,602.0               | 4,602.0               | 16.5             | 6.7           | -90.48                       | -1.9                                | -230.0       | 230.0                  | 209.1                   | 20.90                     | 11.007             |          |
| 4,700.0                                                                                     | 4,700.0               | 4,702.0               | 4,702.0               | 16.9             | 6.8           | -90.48                       | -1.9                                | -230.0       | 230.0                  | 208.7                   | 21.30                     | 10.798             |          |
| 4,800.0                                                                                     | 4,800.0               | 4,802.0               | 4,802.0               | 17.2             | 6.9           | -90.48                       | -1.9                                | -230.0       | 230.0                  | 208.3                   | 21.71                     | 10.597             |          |
| 4,900.0                                                                                     | 4,900.0               | 4,902.0               | 4,902.0               | 17.6             | 7.0           | -90.48                       | -1.9                                | -230.0       | 230.0                  | 207.9                   | 22.11                     | 10.403             |          |
| 5,000.0                                                                                     | 5,000.0               | 5,002.0               | 5,002.0               | 17.9             | 7.2           | -90.48                       | -1.9                                | -230.0       | 230.0                  | 207.5                   | 22.52                     | 10.216             |          |

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 WEST                    | <b>Local Co-ordinate Reference:</b> | Well CABO WABO FED COM #702H     |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)                  | <b>TVD Reference:</b>               | KB=27' @ 3173.0usft (Nabors 893) |
| <b>Reference Site:</b>    | CABO WABO FEDERAL PROJECT (ATLAS 2529) | <b>MD Reference:</b>                | KB=27' @ 3173.0usft (Nabors 893) |
| <b>Site Error:</b>        | 3.0 usft                               | <b>North Reference:</b>             | Grid                             |
| <b>Reference Well:</b>    | CABO WABO FED COM #702H                | <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 CABO WABO FEDERAL PROJECT (ATLAS 2529) - CABO WABO FED COM #801H - OWB - PWP0 |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           | Offset Site Error: | 3.0 usft |
|---------------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|--------------------|----------|
| Survey Program: 0-Standard Keeper 104, 10877-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               | 5,102.0               | 5,102.0               | 18.3             | 7.3           | -90.48                | -1.9                                | -230.0       | 230.0                  | 207.1                   | 22.92                     | 10.035             |          |
| 5,200.0                                                                                     | 5,200.0               | 5,202.0               | 5,202.0               | 18.7             | 7.4           | -90.48                | -1.9                                | -230.0       | 230.0                  | 206.7                   | 23.33                     | 9.860              |          |
| 5,300.0                                                                                     | 5,300.0               | 5,302.0               | 5,302.0               | 19.0             | 7.5           | -90.48                | -1.9                                | -230.0       | 230.0                  | 206.3                   | 23.74                     | 9.690              |          |
| 5,400.0                                                                                     | 5,400.0               | 5,402.0               | 5,402.0               | 19.4             | 7.6           | -90.48                | -1.9                                | -230.0       | 230.0                  | 205.9                   | 24.15                     | 9.526              |          |
| 5,500.0                                                                                     | 5,500.0               | 5,502.2               | 5,502.2               | 19.7             | 7.8           | -90.48                | -1.9                                | -230.0       | 230.0                  | 205.5                   | 24.56                     | 9.368              |          |
| 5,600.0                                                                                     | 5,600.0               | 5,610.1               | 5,610.1               | 20.1             | 7.9           | 14.85                 | -1.2                                | -228.1       | 226.5                  | 201.6                   | 24.95                     | 9.078              |          |
| 5,700.0                                                                                     | 5,699.8               | 5,717.3               | 5,717.1               | 20.4             | 7.9           | 15.87                 | 1.0                                 | -222.3       | 216.2                  | 190.8                   | 25.33                     | 8.535              |          |
| 5,730.0                                                                                     | 5,729.8               | 5,748.3               | 5,748.0               | 20.5             | 8.0           | 16.32                 | 1.9                                 | -220.0       | 211.8                  | 186.3                   | 25.44                     | 8.324              |          |
| 5,800.0                                                                                     | 5,799.5               | 5,817.3               | 5,816.8               | 20.7             | 8.0           | 17.39                 | 4.0                                 | -214.7       | 201.1                  | 175.4                   | 25.71                     | 7.822              |          |
| 5,900.0                                                                                     | 5,899.2               | 5,916.0               | 5,915.1               | 21.1             | 8.1           | 19.13                 | 6.9                                 | -207.1       | 186.0                  | 159.9                   | 26.09                     | 7.126              |          |
| 6,000.0                                                                                     | 5,998.9               | 6,014.7               | 6,013.5               | 21.4             | 8.1           | 21.18                 | 9.8                                 | -199.5       | 171.0                  | 144.5                   | 26.48                     | 6.458              |          |
| 6,100.0                                                                                     | 6,098.6               | 6,113.4               | 6,111.8               | 21.7             | 8.2           | 23.61                 | 12.7                                | -191.8       | 156.4                  | 129.5                   | 26.88                     | 5.816              |          |
| 6,200.0                                                                                     | 6,198.2               | 6,212.1               | 6,210.2               | 22.1             | 8.3           | 26.54                 | 15.7                                | -184.2       | 142.0                  | 114.7                   | 27.30                     | 5.202              |          |
| 6,300.0                                                                                     | 6,297.9               | 6,310.7               | 6,308.5               | 22.4             | 8.4           | 30.10                 | 18.6                                | -176.6       | 128.1                  | 100.4                   | 27.74                     | 4.619              |          |
| 6,400.0                                                                                     | 6,397.6               | 6,409.4               | 6,406.8               | 22.8             | 8.4           | 34.51                 | 21.5                                | -169.0       | 114.8                  | 86.6                    | 28.22                     | 4.070              |          |
| 6,500.0                                                                                     | 6,497.3               | 6,508.1               | 6,505.2               | 23.1             | 8.5           | 40.01                 | 24.4                                | -161.4       | 102.4                  | 73.6                    | 28.77                     | 3.560              |          |
| 6,600.0                                                                                     | 6,597.0               | 6,606.8               | 6,603.5               | 23.4             | 8.6           | 46.93                 | 27.3                                | -153.8       | 91.1                   | 61.7                    | 29.42                     | 3.098              |          |
| 6,700.0                                                                                     | 6,696.6               | 6,705.5               | 6,701.9               | 23.8             | 8.7           | 55.60                 | 30.3                                | -146.2       | 81.6                   | 51.4                    | 30.23                     | 2.699              |          |
| 6,800.0                                                                                     | 6,796.3               | 6,804.1               | 6,800.2               | 24.1             | 8.8           | 66.20                 | 33.2                                | -138.6       | 74.4                   | 43.2                    | 31.19                     | 2.384              |          |
| 6,900.0                                                                                     | 6,896.0               | 6,902.8               | 6,898.5               | 24.5             | 8.8           | 78.51                 | 36.1                                | -130.9       | 70.2                   | 38.0                    | 32.24                     | 2.177              |          |
| 6,964.4                                                                                     | 6,960.2               | 6,966.4               | 6,961.9               | 24.7             | 8.9           | 86.94                 | 38.0                                | -126.0       | 69.4                   | 36.5                    | 32.89                     | 2.111 CC           |          |
| 7,000.0                                                                                     | 6,995.7               | 7,001.5               | 6,996.9               | 24.8             | 8.9           | 91.63                 | 39.0                                | -123.3       | 69.7                   | 36.4                    | 33.22                     | 2.097 ES, SF       |          |
| 7,100.0                                                                                     | 7,095.3               | 7,100.2               | 7,095.2               | 25.1             | 9.0           | 104.29                | 42.0                                | -115.7       | 72.8                   | 38.8                    | 34.00                     | 2.142              |          |
| 7,200.0                                                                                     | 7,195.0               | 7,198.8               | 7,193.6               | 25.5             | 9.1           | 115.44                | 44.9                                | -108.1       | 79.2                   | 44.7                    | 34.55                     | 2.294              |          |
| 7,300.0                                                                                     | 7,294.7               | 7,297.5               | 7,291.9               | 25.8             | 9.2           | 124.65                | 47.8                                | -100.5       | 88.2                   | 53.3                    | 34.93                     | 2.525              |          |
| 7,400.0                                                                                     | 7,394.4               | 7,396.2               | 7,390.3               | 26.2             | 9.3           | 132.04                | 50.7                                | -92.9        | 99.0                   | 63.8                    | 35.25                     | 2.809              |          |
| 7,500.0                                                                                     | 7,494.1               | 7,494.9               | 7,488.6               | 26.5             | 9.3           | 137.92                | 53.6                                | -85.3        | 111.2                  | 75.6                    | 35.53                     | 3.128              |          |
| 7,600.0                                                                                     | 7,593.7               | 7,593.6               | 7,586.9               | 26.9             | 9.4           | 142.61                | 56.6                                | -77.7        | 124.2                  | 88.4                    | 35.82                     | 3.468              |          |
| 7,700.0                                                                                     | 7,693.4               | 7,692.2               | 7,685.3               | 27.2             | 9.5           | 146.40                | 59.5                                | -70.0        | 138.0                  | 101.8                   | 36.13                     | 3.819              |          |
| 7,800.0                                                                                     | 7,793.1               | 7,790.9               | 7,783.6               | 27.6             | 9.6           | 149.49                | 62.4                                | -62.4        | 152.2                  | 115.7                   | 36.45                     | 4.175              |          |
| 7,900.0                                                                                     | 7,892.8               | 7,889.6               | 7,882.0               | 27.9             | 9.7           | 152.06                | 65.3                                | -54.8        | 166.8                  | 130.0                   | 36.79                     | 4.533              |          |
| 8,000.0                                                                                     | 7,992.4               | 7,988.3               | 7,980.3               | 28.3             | 9.8           | 154.20                | 68.3                                | -47.2        | 181.6                  | 144.5                   | 37.14                     | 4.890              |          |
| 8,100.0                                                                                     | 8,092.1               | 8,086.9               | 8,078.6               | 28.6             | 9.9           | 156.03                | 71.2                                | -39.6        | 196.7                  | 159.2                   | 37.51                     | 5.244              |          |
| 8,200.0                                                                                     | 8,191.8               | 8,185.6               | 8,177.0               | 29.0             | 10.0          | 157.59                | 74.1                                | -32.0        | 211.9                  | 174.1                   | 37.89                     | 5.594              |          |
| 8,300.0                                                                                     | 8,291.5               | 8,284.3               | 8,275.3               | 29.3             | 10.1          | 158.94                | 77.0                                | -24.4        | 227.3                  | 189.0                   | 38.28                     | 5.939              |          |
| 8,400.0                                                                                     | 8,391.2               | 8,383.0               | 8,373.7               | 29.7             | 10.2          | 160.12                | 79.9                                | -16.8        | 242.8                  | 204.1                   | 38.68                     | 6.278              |          |
| 8,500.0                                                                                     | 8,490.8               | 8,481.7               | 8,472.0               | 30.0             | 10.3          | 161.16                | 82.9                                | -9.1         | 258.4                  | 219.3                   | 39.08                     | 6.611              |          |
| 8,600.0                                                                                     | 8,590.5               | 8,580.3               | 8,570.3               | 30.4             | 10.4          | 162.08                | 85.8                                | -1.5         | 274.0                  | 234.5                   | 39.49                     | 6.939              |          |
| 8,700.0                                                                                     | 8,690.2               | 8,679.0               | 8,668.7               | 30.7             | 10.5          | 162.90                | 88.7                                | 6.1          | 289.7                  | 249.8                   | 39.91                     | 7.260              |          |
| 8,800.0                                                                                     | 8,789.9               | 8,777.7               | 8,767.0               | 31.1             | 10.6          | 163.64                | 91.6                                | 13.7         | 305.5                  | 265.2                   | 40.33                     | 7.575              |          |
| 8,900.0                                                                                     | 8,889.5               | 8,876.4               | 8,865.4               | 31.4             | 10.7          | 164.30                | 94.6                                | 21.3         | 321.3                  | 280.5                   | 40.76                     | 7.883              |          |
| 9,000.0                                                                                     | 8,989.2               | 8,975.0               | 8,963.7               | 31.8             | 10.8          | 164.91                | 97.5                                | 28.9         | 337.1                  | 296.0                   | 41.19                     | 8.186              |          |
| 9,100.0                                                                                     | 9,088.9               | 9,073.7               | 9,062.0               | 32.1             | 10.9          | 165.46                | 100.4                               | 36.5         | 353.0                  | 311.4                   | 41.62                     | 8.482              |          |
| 9,200.0                                                                                     | 9,188.6               | 9,172.4               | 9,160.4               | 32.5             | 11.0          | 165.96                | 103.3                               | 44.1         | 368.9                  | 326.9                   | 42.06                     | 8.772              |          |
| 9,300.0                                                                                     | 9,288.3               | 9,271.1               | 9,258.7               | 32.8             | 11.1          | 166.42                | 106.2                               | 51.8         | 384.8                  | 342.4                   | 42.49                     | 9.056              |          |
| 9,400.0                                                                                     | 9,387.9               | 9,369.8               | 9,357.1               | 33.2             | 11.2          | 166.84                | 109.2                               | 59.4         | 400.8                  | 357.9                   | 42.94                     | 9.335              |          |
| 9,500.0                                                                                     | 9,487.6               | 9,468.4               | 9,455.4               | 33.5             | 11.3          | 167.23                | 112.1                               | 67.0         | 416.8                  | 373.4                   | 43.38                     | 9.607              |          |
| 9,600.0                                                                                     | 9,587.3               | 9,567.1               | 9,553.7               | 33.9             | 11.4          | 167.59                | 115.0                               | 74.6         | 432.8                  | 388.9                   | 43.83                     | 9.875              |          |
| 9,700.0                                                                                     | 9,687.0               | 9,665.8               | 9,652.1               | 34.2             | 11.5          | 167.93                | 117.9                               | 82.2         | 448.8                  | 404.5                   | 44.27                     | 10.136             |          |
| 9,800.0                                                                                     | 9,786.6               | 9,764.5               | 9,750.4               | 34.6             | 11.6          | 168.24                | 120.9                               | 89.8         | 464.8                  | 420.1                   | 44.72                     | 10.393             |          |
| 9,900.0                                                                                     | 9,886.3               | 9,863.1               | 9,848.8               | 34.9             | 11.7          | 168.53                | 123.8                               | 97.4         | 480.8                  | 435.6                   | 45.17                     | 10.644             |          |

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 WEST                    | <b>Local Co-ordinate Reference:</b> | Well CABO WABO FED COM #702H     |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)                  | <b>TVD Reference:</b>               | KB=27' @ 3173.0usft (Nabors 893) |
| <b>Reference Site:</b>    | CABO WABO FEDERAL PROJECT (ATLAS 2529) | <b>MD Reference:</b>                | KB=27' @ 3173.0usft (Nabors 893) |
| <b>Site Error:</b>        | 3.0 usft                               | <b>North Reference:</b>             | Grid                             |
| <b>Reference Well:</b>    | CABO WABO FED COM #702H                | <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> CABO WABO FEDERAL PROJECT (ATLAS 2529) - CABO WABO FED COM #801H - OWB - PWP0 |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           | <b>Offset Site Error:</b> | 3.0 usft |
|----------------------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|---------------------------|----------|
| <b>Survey Program:</b> 0-Standard Keeper 104, 10877-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                                                                                           | 9,986.0               | 9,961.8               | 9,947.1               | 35.3             | 11.8          | 168.81                | 126.7                               | 105.0        | 496.9                  | 451.2                   | 45.63                     | 10.890                    |          |
| 10,100.0                                                                                           | 10,085.7              | 10,060.5              | 10,045.4              | 35.7             | 11.9          | 169.06                | 129.6                               | 112.7        | 512.9                  | 466.8                   | 46.08                     | 11.131                    |          |
| 10,197.9                                                                                           | 10,183.3              | 10,157.1              | 10,141.8              | 36.0             | 12.1          | 169.30                | 132.5                               | 120.1        | 528.6                  | 482.1                   | 46.53                     | 11.362                    |          |
| 10,200.0                                                                                           | 10,185.4              | 10,159.2              | 10,143.8              | 36.0             | 12.1          | 171.78                | 132.5                               | 120.3        | 529.0                  | 482.4                   | 46.54                     | 11.367                    |          |
| 10,250.0                                                                                           | 10,235.1              | 10,208.3              | 10,192.8              | 36.2             | 12.1          | -149.60               | 134.0                               | 124.1        | 538.0                  | 491.2                   | 46.78                     | 11.502                    |          |
| 10,300.0                                                                                           | 10,284.3              | 10,256.9              | 10,241.1              | 36.4             | 12.2          | -135.61               | 135.4                               | 127.8        | 548.8                  | 501.8                   | 47.04                     | 11.668                    |          |
| 10,350.0                                                                                           | 10,332.7              | 10,304.5              | 10,288.6              | 36.5             | 12.2          | -129.21               | 136.8                               | 131.5        | 561.4                  | 514.1                   | 47.32                     | 11.866                    |          |
| 10,400.0                                                                                           | 10,379.8              | 10,350.7              | 10,334.6              | 36.7             | 12.3          | -125.68               | 138.2                               | 135.0        | 576.0                  | 528.4                   | 47.61                     | 12.098                    |          |
| 10,450.0                                                                                           | 10,425.4              | 10,395.2              | 10,379.0              | 36.8             | 12.3          | -123.48               | 139.5                               | 138.5        | 592.5                  | 544.6                   | 47.91                     | 12.367                    |          |
| 10,500.0                                                                                           | 10,469.1              | 10,437.8              | 10,421.4              | 37.0             | 12.4          | -121.94               | 140.8                               | 141.8        | 611.1                  | 562.9                   | 48.21                     | 12.677                    |          |
| 10,550.0                                                                                           | 10,510.4              | 10,478.0              | 10,461.5              | 37.1             | 12.4          | -120.70               | 142.0                               | 144.9        | 632.0                  | 583.5                   | 48.50                     | 13.031                    |          |
| 10,600.0                                                                                           | 10,549.2              | 10,515.5              | 10,498.9              | 37.3             | 12.5          | -119.53               | 143.1                               | 147.8        | 655.3                  | 606.5                   | 48.78                     | 13.432                    |          |
| 10,650.0                                                                                           | 10,585.2              | 10,550.1              | 10,533.3              | 37.4             | 12.5          | -118.24               | 144.1                               | 150.4        | 680.9                  | 631.8                   | 49.05                     | 13.881                    |          |
| 10,700.0                                                                                           | 10,618.0              | 10,581.4              | 10,564.6              | 37.5             | 12.5          | -116.68               | 145.1                               | 152.8        | 708.9                  | 659.6                   | 49.29                     | 14.382                    |          |
| 10,750.0                                                                                           | 10,647.3              | 10,609.4              | 10,592.4              | 37.6             | 12.6          | -114.72               | 145.9                               | 155.0        | 739.2                  | 689.7                   | 49.50                     | 14.933                    |          |
| 10,800.0                                                                                           | 10,673.1              | 10,633.6              | 10,616.6              | 37.7             | 12.6          | -112.23               | 146.6                               | 156.9        | 771.8                  | 722.1                   | 49.69                     | 15.533                    |          |
| 10,850.0                                                                                           | 10,695.1              | 10,654.1              | 10,637.0              | 37.8             | 12.6          | -109.08               | 147.2                               | 158.4        | 806.5                  | 756.6                   | 49.84                     | 16.180                    |          |
| 10,900.0                                                                                           | 10,713.0              | 10,670.5              | 10,653.4              | 37.9             | 12.6          | -105.16               | 147.7                               | 159.7        | 843.0                  | 793.0                   | 49.97                     | 16.870                    |          |
| 10,950.0                                                                                           | 10,726.9              | 10,682.8              | 10,665.6              | 38.0             | 12.6          | -100.39               | 148.1                               | 160.7        | 881.1                  | 831.0                   | 50.06                     | 17.599                    |          |
| 11,000.0                                                                                           | 10,736.5              | 10,690.9              | 10,673.7              | 38.1             | 12.6          | -94.73                | 148.3                               | 161.3        | 920.5                  | 870.3                   | 50.13                     | 18.361                    |          |
| 11,050.0                                                                                           | 10,741.8              | 10,694.8              | 10,677.5              | 38.2             | 12.7          | -88.27                | 148.4                               | 161.6        | 960.8                  | 910.6                   | 50.17                     | 19.150                    |          |
| 11,085.7                                                                                           | 10,743.0              | 10,694.9              | 10,677.6              | 38.2             | 12.7          | -83.25                | 148.4                               | 161.6        | 990.0                  | 939.8                   | 50.19                     | 19.725                    |          |

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 WEST                    | <b>Local Co-ordinate Reference:</b> | Well CABO WABO FED COM #702H     |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)                  | <b>TVD Reference:</b>               | KB=27' @ 3173.0usft (Nabors 893) |
| <b>Reference Site:</b>    | CABO WABO FEDERAL PROJECT (ATLAS 2529) | <b>MD Reference:</b>                | KB=27' @ 3173.0usft (Nabors 893) |
| <b>Site Error:</b>        | 3.0 usft                               | <b>North Reference:</b>             | Grid                             |
| <b>Reference Well:</b>    | CABO WABO FED COM #702H                | <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 CABO WABO FEDERAL PROJECT (ATLAS 2529) - CABO WABO FED COM #802H - OWB - PWP0 |                       |                       |                       |                  |               |                       |                        |              |                        |                         |                           | Offset Site Error: 3.0 usft |         |
|---------------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|------------------------|--------------|------------------------|-------------------------|---------------------------|-----------------------------|---------|
| Survey Program: 0-MWD+IFR1+FDIR                                                             |                       |                       |                       |                  |               |                       |                        |              |                        |                         |                           | Offset Well Error: 3.0 usft |         |
| Reference                                                                                   |                       | Offset                |                       | Semi Major Axis  |               | Highside Toolface (°) | Offset Wellbore Centre |              | Distance               |                         | Minimum Separation (usft) | Separation Factor           | Warning |
| Measured Depth (usft)                                                                       | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) |                       | +N/-S (usft)           | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) |                           |                             |         |
| 0.0                                                                                         | 0.0                   | 2.0                   | 2.0                   | 3.0              | 3.0           | -90.49                | -2.2                   | -260.0       | 260.0                  |                         |                           |                             |         |
| 100.0                                                                                       | 100.0                 | 102.0                 | 102.0                 | 3.0              | 3.0           | -90.49                | -2.2                   | -260.0       | 260.0                  | 254.0                   | 6.01                      | 43.287                      |         |
| 200.0                                                                                       | 200.0                 | 202.0                 | 202.0                 | 3.0              | 3.0           | -90.49                | -2.2                   | -260.0       | 260.0                  | 253.9                   | 6.08                      | 42.761                      |         |
| 300.0                                                                                       | 300.0                 | 302.0                 | 302.0                 | 3.1              | 3.1           | -90.49                | -2.2                   | -260.0       | 260.0                  | 253.7                   | 6.24                      | 41.692                      |         |
| 400.0                                                                                       | 400.0                 | 402.0                 | 402.0                 | 3.2              | 3.2           | -90.49                | -2.2                   | -260.0       | 260.0                  | 253.5                   | 6.47                      | 40.196                      |         |
| 500.0                                                                                       | 500.0                 | 502.0                 | 502.0                 | 3.4              | 3.4           | -90.49                | -2.2                   | -260.0       | 260.0                  | 253.2                   | 6.77                      | 38.412                      |         |
| 600.0                                                                                       | 600.0                 | 602.0                 | 602.0                 | 3.6              | 3.6           | -90.49                | -2.2                   | -260.0       | 260.0                  | 252.8                   | 7.13                      | 36.472                      |         |
| 700.0                                                                                       | 700.0                 | 702.0                 | 702.0                 | 3.8              | 3.8           | -90.49                | -2.2                   | -260.0       | 260.0                  | 252.4                   | 7.54                      | 34.482                      |         |
| 800.0                                                                                       | 800.0                 | 802.0                 | 802.0                 | 4.0              | 4.0           | -90.49                | -2.2                   | -260.0       | 260.0                  | 252.0                   | 7.99                      | 32.522                      |         |
| 900.0                                                                                       | 900.0                 | 902.0                 | 902.0                 | 4.2              | 4.2           | -90.49                | -2.2                   | -260.0       | 260.0                  | 251.5                   | 8.48                      | 30.640                      |         |
| 1,000.0                                                                                     | 1,000.0               | 1,002.0               | 1,002.0               | 4.5              | 4.5           | -90.49                | -2.2                   | -260.0       | 260.0                  | 251.0                   | 9.01                      | 28.867                      |         |
| 1,100.0                                                                                     | 1,100.0               | 1,102.0               | 1,102.0               | 4.8              | 4.8           | -90.49                | -2.2                   | -260.0       | 260.0                  | 250.4                   | 9.55                      | 27.215                      |         |
| 1,200.0                                                                                     | 1,200.0               | 1,202.0               | 1,202.0               | 5.1              | 5.1           | -90.49                | -2.2                   | -260.0       | 260.0                  | 249.8                   | 10.12                     | 25.688                      |         |
| 1,300.0                                                                                     | 1,300.0               | 1,302.0               | 1,302.0               | 5.4              | 5.4           | -90.49                | -2.2                   | -260.0       | 260.0                  | 249.3                   | 10.71                     | 24.282                      |         |
| 1,400.0                                                                                     | 1,400.0               | 1,402.0               | 1,402.0               | 5.7              | 5.7           | -90.49                | -2.2                   | -260.0       | 260.0                  | 248.7                   | 11.31                     | 22.992                      |         |
| 1,500.0                                                                                     | 1,500.0               | 1,502.0               | 1,502.0               | 6.0              | 6.0           | -90.49                | -2.2                   | -260.0       | 260.0                  | 248.0                   | 11.92                     | 21.808                      |         |
| 1,600.0                                                                                     | 1,600.0               | 1,602.0               | 1,602.0               | 6.3              | 6.3           | -90.49                | -2.2                   | -260.0       | 260.0                  | 247.4                   | 12.55                     | 20.722                      |         |
| 1,700.0                                                                                     | 1,700.0               | 1,702.0               | 1,702.0               | 6.6              | 6.6           | -90.49                | -2.2                   | -260.0       | 260.0                  | 246.8                   | 13.18                     | 19.725                      |         |
| 1,800.0                                                                                     | 1,800.0               | 1,802.0               | 1,802.0               | 6.9              | 6.9           | -90.49                | -2.2                   | -260.0       | 260.0                  | 246.1                   | 13.82                     | 18.809                      |         |
| 1,900.0                                                                                     | 1,900.0               | 1,902.0               | 1,902.0               | 7.2              | 7.2           | -90.49                | -2.2                   | -260.0       | 260.0                  | 245.5                   | 14.47                     | 17.965                      |         |
| 2,000.0                                                                                     | 2,000.0               | 2,002.0               | 2,002.0               | 7.6              | 7.6           | -90.49                | -2.2                   | -260.0       | 260.0                  | 244.8                   | 15.13                     | 17.187                      |         |
| 2,100.0                                                                                     | 2,100.0               | 2,102.0               | 2,102.0               | 7.9              | 7.9           | -90.49                | -2.2                   | -260.0       | 260.0                  | 244.2                   | 15.79                     | 16.467                      |         |
| 2,200.0                                                                                     | 2,200.0               | 2,202.0               | 2,202.0               | 8.2              | 8.2           | -90.49                | -2.2                   | -260.0       | 260.0                  | 243.5                   | 16.45                     | 15.801                      |         |
| 2,300.0                                                                                     | 2,300.0               | 2,302.0               | 2,302.0               | 8.6              | 8.6           | -90.49                | -2.2                   | -260.0       | 260.0                  | 242.8                   | 17.12                     | 15.183                      |         |
| 2,400.0                                                                                     | 2,400.0               | 2,402.0               | 2,402.0               | 8.9              | 8.9           | -90.49                | -2.2                   | -260.0       | 260.0                  | 242.2                   | 17.80                     | 14.609                      |         |
| 2,416.0                                                                                     | 2,416.0               | 2,418.0               | 2,418.0               | 9.0              | 9.0           | -90.49                | -2.2                   | -260.0       | 260.0                  | 242.1                   | 17.90                     | 14.521                      |         |
| 2,500.0                                                                                     | 2,500.0               | 2,500.0               | 2,500.0               | 9.2              | 9.2           | -90.49                | -2.2                   | -260.0       | 260.0                  | 241.5                   | 18.46                     | 14.080                      |         |
| 2,600.0                                                                                     | 2,600.0               | 2,595.8               | 2,595.8               | 9.6              | 9.6           | -90.24                | -1.1                   | -261.1       | 261.2                  | 242.0                   | 19.12                     | 13.658                      |         |
| 2,700.0                                                                                     | 2,700.0               | 2,692.2               | 2,692.1               | 9.9              | 9.9           | -89.55                | 2.1                    | -264.3       | 264.5                  | 244.7                   | 19.78                     | 13.372                      |         |
| 2,800.0                                                                                     | 2,800.0               | 2,792.1               | 2,791.8               | 10.3             | 10.2          | -88.77                | 5.8                    | -268.0       | 268.3                  | 247.8                   | 20.46                     | 13.114                      |         |
| 2,900.0                                                                                     | 2,900.0               | 2,891.9               | 2,891.5               | 10.6             | 10.6          | -88.01                | 9.5                    | -271.7       | 272.1                  | 251.0                   | 21.14                     | 12.872                      |         |
| 3,000.0                                                                                     | 3,000.0               | 2,991.8               | 2,991.3               | 10.9             | 10.9          | -87.27                | 13.1                   | -275.4       | 276.0                  | 254.1                   | 21.82                     | 12.646                      |         |
| 3,100.0                                                                                     | 3,100.0               | 3,091.7               | 3,091.0               | 11.3             | 11.2          | -86.55                | 16.8                   | -279.1       | 279.9                  | 257.4                   | 22.51                     | 12.435                      |         |
| 3,200.0                                                                                     | 3,200.0               | 3,191.5               | 3,190.7               | 11.6             | 11.6          | -85.85                | 20.5                   | -282.9       | 283.8                  | 260.6                   | 23.19                     | 12.237                      |         |
| 3,300.0                                                                                     | 3,300.0               | 3,291.4               | 3,290.5               | 12.0             | 11.9          | -85.17                | 24.2                   | -286.6       | 287.8                  | 263.9                   | 23.88                     | 12.052                      |         |
| 3,400.0                                                                                     | 3,400.0               | 3,391.3               | 3,390.2               | 12.3             | 12.3          | -84.51                | 27.9                   | -290.3       | 291.8                  | 267.3                   | 24.57                     | 11.877                      |         |
| 3,500.0                                                                                     | 3,500.0               | 3,491.1               | 3,489.9               | 12.7             | 12.6          | -83.87                | 31.6                   | -294.0       | 295.9                  | 270.6                   | 25.26                     | 11.713                      |         |
| 3,600.0                                                                                     | 3,600.0               | 3,591.0               | 3,589.6               | 13.0             | 13.0          | -83.25                | 35.2                   | -297.7       | 300.0                  | 274.1                   | 25.96                     | 11.559                      |         |
| 3,700.0                                                                                     | 3,700.0               | 3,690.9               | 3,689.4               | 13.4             | 13.3          | -82.64                | 38.9                   | -301.4       | 304.2                  | 277.5                   | 26.65                     | 11.413                      |         |
| 3,800.0                                                                                     | 3,800.0               | 3,790.7               | 3,789.1               | 13.7             | 13.7          | -82.05                | 42.6                   | -305.1       | 308.3                  | 281.0                   | 27.35                     | 11.275                      |         |
| 3,900.0                                                                                     | 3,900.0               | 3,890.6               | 3,888.8               | 14.1             | 14.0          | -81.47                | 46.3                   | -308.8       | 312.5                  | 284.5                   | 28.04                     | 11.145                      |         |
| 4,000.0                                                                                     | 4,000.0               | 3,990.4               | 3,988.5               | 14.4             | 14.4          | -80.91                | 50.0                   | -312.5       | 316.8                  | 288.0                   | 28.74                     | 11.022                      |         |
| 4,100.0                                                                                     | 4,100.0               | 4,090.3               | 4,088.3               | 14.8             | 14.7          | -80.37                | 53.7                   | -316.2       | 321.0                  | 291.6                   | 29.44                     | 10.905                      |         |
| 4,200.0                                                                                     | 4,200.0               | 4,190.2               | 4,188.0               | 15.1             | 15.0          | -79.84                | 57.3                   | -319.9       | 325.3                  | 295.2                   | 30.14                     | 10.794                      |         |
| 4,300.0                                                                                     | 4,300.0               | 4,290.0               | 4,287.7               | 15.5             | 15.4          | -79.32                | 61.0                   | -323.6       | 329.7                  | 298.8                   | 30.84                     | 10.689                      |         |
| 4,400.0                                                                                     | 4,400.0               | 4,389.9               | 4,387.4               | 15.8             | 15.8          | -78.82                | 64.7                   | -327.3       | 334.0                  | 302.5                   | 31.54                     | 10.590                      |         |
| 4,500.0                                                                                     | 4,500.0               | 4,489.8               | 4,487.2               | 16.2             | 16.1          | -78.33                | 68.4                   | -331.1       | 338.4                  | 306.1                   | 32.24                     | 10.495                      |         |
| 4,600.0                                                                                     | 4,600.0               | 4,489.6               | 4,486.9               | 16.5             | 16.5          | -77.85                | 72.1                   | -334.8       | 342.8                  | 309.8                   | 32.94                     | 10.404                      |         |
| 4,700.0                                                                                     | 4,700.0               | 4,489.5               | 4,486.6               | 16.9             | 16.8          | -77.38                | 75.8                   | -338.5       | 347.2                  | 313.5                   | 33.65                     | 10.318                      |         |
| 4,800.0                                                                                     | 4,800.0               | 4,789.3               | 4,786.3               | 17.2             | 17.2          | -76.93                | 79.4                   | -342.2       | 351.6                  | 317.3                   | 34.35                     | 10.236                      |         |
| 4,900.0                                                                                     | 4,900.0               | 4,889.2               | 4,886.1               | 17.6             | 17.5          | -76.49                | 83.1                   | -345.9       | 356.1                  | 321.0                   | 35.06                     | 10.158                      |         |

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 WEST                    | <b>Local Co-ordinate Reference:</b> | Well CABO WABO FED COM #702H     |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)                  | <b>TVD Reference:</b>               | KB=27' @ 3173.0usft (Nabors 893) |
| <b>Reference Site:</b>    | CABO WABO FEDERAL PROJECT (ATLAS 2529) | <b>MD Reference:</b>                | KB=27' @ 3173.0usft (Nabors 893) |
| <b>Site Error:</b>        | 3.0 usft                               | <b>North Reference:</b>             | Grid                             |
| <b>Reference Well:</b>    | CABO WABO FED COM #702H                | <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 CABO WABO FEDERAL PROJECT (ATLAS 2529) - CABO WABO FED COM #802H - OWB - PWP0 |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           | Offset Site Error: | 3.0 usft |
|---------------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|--------------------|----------|
| Survey Program: 0-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  |
| 5,000.0                                                                                     | 5,000.0               | 4,989.1               | 4,985.8               | 17.9             | 17.9          | -76.05                | 86.8                                | -349.6       | 360.6                  | 324.8                   | 35.76                     | 10.083             |          |
| 5,100.0                                                                                     | 5,100.0               | 5,088.9               | 5,085.5               | 18.3             | 18.2          | -75.63                | 90.5                                | -353.3       | 365.1                  | 328.6                   | 36.47                     | 10.012             |          |
| 5,200.0                                                                                     | 5,200.0               | 5,188.8               | 5,185.2               | 18.7             | 18.6          | -75.22                | 94.2                                | -357.0       | 369.6                  | 332.4                   | 37.17                     | 9.943              |          |
| 5,300.0                                                                                     | 5,300.0               | 5,288.7               | 5,285.0               | 19.0             | 18.9          | -74.82                | 97.9                                | -360.7       | 374.1                  | 336.3                   | 37.88                     | 9.878              |          |
| 5,400.0                                                                                     | 5,400.0               | 5,388.5               | 5,384.7               | 19.4             | 19.3          | -74.43                | 101.5                               | -364.4       | 378.7                  | 340.1                   | 38.58                     | 9.815              |          |
| 5,500.0                                                                                     | 5,500.0               | 5,488.4               | 5,484.4               | 19.7             | 19.6          | -74.05                | 105.2                               | -368.1       | 383.3                  | 344.0                   | 39.29                     | 9.755              |          |
| 5,600.0                                                                                     | 5,600.0               | 5,588.3               | 5,584.2               | 20.1             | 20.0          | 31.43                 | 108.9                               | -371.8       | 386.4                  | 346.4                   | 39.99                     | 9.663              |          |
| 5,700.0                                                                                     | 5,699.8               | 5,688.1               | 5,683.9               | 20.4             | 20.3          | 32.20                 | 112.6                               | -375.6       | 386.6                  | 345.9                   | 40.67                     | 9.504              |          |
| 5,730.0                                                                                     | 5,729.8               | 5,718.1               | 5,713.8               | 20.5             | 20.4          | 32.49                 | 113.7                               | -376.7       | 386.1                  | 345.2                   | 40.88                     | 9.444              |          |
| 5,800.0                                                                                     | 5,799.5               | 5,787.9               | 5,783.5               | 20.7             | 20.7          | 33.19                 | 116.3                               | -379.3       | 384.6                  | 343.2                   | 41.36                     | 9.299              |          |
| 5,900.0                                                                                     | 5,899.2               | 5,887.6               | 5,883.1               | 21.1             | 21.0          | 34.19                 | 120.0                               | -383.0       | 382.6                  | 340.6                   | 42.05                     | 9.100              |          |
| 6,000.0                                                                                     | 5,998.9               | 5,987.4               | 5,982.8               | 21.4             | 21.4          | 35.21                 | 123.6                               | -386.7       | 380.8                  | 338.0                   | 42.73                     | 8.910              |          |
| 6,100.0                                                                                     | 6,098.6               | 6,087.1               | 6,082.4               | 21.7             | 21.8          | 36.23                 | 127.3                               | -390.4       | 379.0                  | 335.6                   | 43.42                     | 8.729              |          |
| 6,200.0                                                                                     | 6,198.2               | 6,186.9               | 6,182.0               | 22.1             | 22.1          | 37.27                 | 131.0                               | -394.1       | 377.4                  | 333.3                   | 44.12                     | 8.555              |          |
| 6,300.0                                                                                     | 6,297.9               | 6,286.7               | 6,281.6               | 22.4             | 22.5          | 38.31                 | 134.7                               | -397.8       | 375.9                  | 331.1                   | 44.81                     | 8.390              |          |
| 6,400.0                                                                                     | 6,397.6               | 6,386.4               | 6,381.2               | 22.8             | 22.8          | 39.36                 | 138.4                               | -401.5       | 374.6                  | 329.1                   | 45.50                     | 8.232              |          |
| 6,500.0                                                                                     | 6,497.3               | 6,486.2               | 6,480.8               | 23.1             | 23.2          | 40.42                 | 142.0                               | -405.2       | 373.3                  | 327.1                   | 46.20                     | 8.082              |          |
| 6,600.0                                                                                     | 6,597.0               | 6,588.6               | 6,583.1               | 23.4             | 23.5          | 41.51                 | 145.7                               | -408.9       | 372.2                  | 325.3                   | 46.91                     | 7.934              |          |
| 6,700.0                                                                                     | 6,696.6               | 6,702.4               | 6,696.9               | 23.8             | 23.9          | 42.59                 | 147.7                               | -410.9       | 368.6                  | 320.9                   | 47.66                     | 7.733              |          |
| 6,800.0                                                                                     | 6,796.3               | 6,803.8               | 6,798.3               | 24.1             | 24.3          | 43.46                 | 147.8                               | -411.0       | 362.7                  | 314.4                   | 48.36                     | 7.501              |          |
| 6,900.0                                                                                     | 6,896.0               | 6,903.5               | 6,898.0               | 24.5             | 24.7          | 44.35                 | 147.8                               | -411.0       | 356.9                  | 307.9                   | 49.05                     | 7.277              |          |
| 7,000.0                                                                                     | 6,995.7               | 7,003.2               | 6,997.7               | 24.8             | 25.0          | 45.26                 | 147.8                               | -411.0       | 351.2                  | 301.5                   | 49.75                     | 7.060              |          |
| 7,100.0                                                                                     | 7,095.3               | 7,102.8               | 7,097.3               | 25.1             | 25.4          | 46.20                 | 147.8                               | -411.0       | 345.6                  | 295.2                   | 50.44                     | 6.852              |          |
| 7,200.0                                                                                     | 7,195.0               | 7,202.5               | 7,197.0               | 25.5             | 25.7          | 47.18                 | 147.8                               | -411.0       | 340.1                  | 289.0                   | 51.14                     | 6.651              |          |
| 7,300.0                                                                                     | 7,294.7               | 7,302.2               | 7,296.7               | 25.8             | 26.1          | 48.18                 | 147.8                               | -411.0       | 334.7                  | 282.9                   | 51.84                     | 6.457              |          |
| 7,400.0                                                                                     | 7,394.4               | 7,401.9               | 7,396.4               | 26.2             | 26.4          | 49.22                 | 147.8                               | -411.0       | 329.4                  | 276.9                   | 52.54                     | 6.270              |          |
| 7,500.0                                                                                     | 7,494.1               | 7,501.6               | 7,496.1               | 26.5             | 26.8          | 50.29                 | 147.8                               | -411.0       | 324.2                  | 271.0                   | 53.24                     | 6.090              |          |
| 7,600.0                                                                                     | 7,593.7               | 7,601.2               | 7,595.7               | 26.9             | 27.1          | 51.40                 | 147.8                               | -411.0       | 319.1                  | 265.2                   | 53.94                     | 5.917              |          |
| 7,700.0                                                                                     | 7,693.4               | 7,700.9               | 7,695.4               | 27.2             | 27.5          | 52.54                 | 147.8                               | -411.0       | 314.2                  | 259.6                   | 54.64                     | 5.750              |          |
| 7,800.0                                                                                     | 7,793.1               | 7,800.6               | 7,795.1               | 27.6             | 27.8          | 53.72                 | 147.8                               | -411.0       | 309.4                  | 254.0                   | 55.34                     | 5.590              |          |
| 7,900.0                                                                                     | 7,892.8               | 7,900.3               | 7,894.8               | 27.9             | 28.2          | 54.93                 | 147.8                               | -411.0       | 304.7                  | 248.6                   | 56.04                     | 5.436              |          |
| 8,000.0                                                                                     | 7,992.4               | 7,999.9               | 7,994.4               | 28.3             | 28.5          | 56.18                 | 147.8                               | -411.0       | 300.1                  | 243.4                   | 56.75                     | 5.289              |          |
| 8,100.0                                                                                     | 8,092.1               | 8,099.6               | 8,094.1               | 28.6             | 28.9          | 57.47                 | 147.8                               | -411.0       | 295.7                  | 238.3                   | 57.45                     | 5.148              |          |
| 8,200.0                                                                                     | 8,191.8               | 8,199.3               | 8,193.8               | 29.0             | 29.2          | 58.79                 | 147.8                               | -411.0       | 291.5                  | 233.3                   | 58.16                     | 5.012              |          |
| 8,300.0                                                                                     | 8,291.5               | 8,299.0               | 8,293.5               | 29.3             | 29.6          | 60.16                 | 147.8                               | -411.0       | 287.4                  | 228.5                   | 58.86                     | 4.883              |          |
| 8,400.0                                                                                     | 8,391.2               | 8,398.7               | 8,393.2               | 29.7             | 30.0          | 61.56                 | 147.8                               | -411.0       | 283.5                  | 223.9                   | 59.57                     | 4.759              |          |
| 8,500.0                                                                                     | 8,490.8               | 8,498.3               | 8,492.8               | 30.0             | 30.3          | 63.00                 | 147.8                               | -411.0       | 279.8                  | 219.5                   | 60.28                     | 4.641              |          |
| 8,600.0                                                                                     | 8,590.5               | 8,598.0               | 8,592.5               | 30.4             | 30.7          | 64.48                 | 147.8                               | -411.0       | 276.2                  | 215.2                   | 60.98                     | 4.529              |          |
| 8,700.0                                                                                     | 8,690.2               | 8,697.7               | 8,692.2               | 30.7             | 31.0          | 65.99                 | 147.8                               | -411.0       | 272.8                  | 211.1                   | 61.69                     | 4.423              |          |
| 8,800.0                                                                                     | 8,789.9               | 8,797.4               | 8,791.9               | 31.1             | 31.4          | 67.55                 | 147.8                               | -411.0       | 269.7                  | 207.3                   | 62.40                     | 4.322              |          |
| 8,900.0                                                                                     | 8,889.5               | 8,897.0               | 8,891.5               | 31.4             | 31.7          | 69.14                 | 147.8                               | -411.0       | 266.7                  | 203.6                   | 63.11                     | 4.226              |          |
| 9,000.0                                                                                     | 8,989.2               | 8,996.7               | 8,991.2               | 31.8             | 32.1          | 70.76                 | 147.8                               | -411.0       | 263.9                  | 200.1                   | 63.82                     | 4.136              |          |
| 9,100.0                                                                                     | 9,088.9               | 9,096.4               | 9,090.9               | 32.1             | 32.4          | 72.41                 | 147.8                               | -411.0       | 261.4                  | 196.9                   | 64.52                     | 4.051              |          |
| 9,200.0                                                                                     | 9,188.6               | 9,196.1               | 9,190.6               | 32.5             | 32.8          | 74.10                 | 147.8                               | -411.0       | 259.1                  | 193.8                   | 65.23                     | 3.971              |          |
| 9,300.0                                                                                     | 9,288.3               | 9,295.8               | 9,290.3               | 32.8             | 33.1          | 75.81                 | 147.8                               | -411.0       | 257.0                  | 191.0                   | 65.94                     | 3.897              |          |
| 9,400.0                                                                                     | 9,387.9               | 9,395.4               | 9,389.9               | 33.2             | 33.5          | 77.55                 | 147.8                               | -411.0       | 255.1                  | 188.5                   | 66.65                     | 3.828              |          |
| 9,500.0                                                                                     | 9,487.6               | 9,495.1               | 9,489.6               | 33.5             | 33.8          | 79.32                 | 147.8                               | -411.0       | 253.5                  | 186.2                   | 67.36                     | 3.763              |          |
| 9,600.0                                                                                     | 9,587.3               | 9,594.8               | 9,589.3               | 33.9             | 34.2          | 81.10                 | 147.8                               | -411.0       | 252.2                  | 184.1                   | 68.07                     | 3.704              |          |
| 9,700.0                                                                                     | 9,687.0               | 9,694.5               | 9,689.0               | 34.2             | 34.6          | 82.91                 | 147.8                               | -411.0       | 251.0                  | 182.2                   | 68.78                     | 3.650              |          |
| 9,800.0                                                                                     | 9,786.6               | 9,794.1               | 9,788.6               | 34.6             | 34.9          | 84.72                 | 147.8                               | -411.0       | 250.2                  | 180.7                   | 69.49                     | 3.600              |          |
| 9,900.0                                                                                     | 9,886.3               | 9,893.8               | 9,888.3               | 34.9             | 35.3          | 86.55                 | 147.8                               | -411.0       | 249.6                  | 179.3                   | 70.20                     | 3.555              |          |

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 WEST                    | <b>Local Co-ordinate Reference:</b> | Well CABO WABO FED COM #702H     |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)                  | <b>TVD Reference:</b>               | KB=27' @ 3173.0usft (Nabors 893) |
| <b>Reference Site:</b>    | CABO WABO FEDERAL PROJECT (ATLAS 2529) | <b>MD Reference:</b>                | KB=27' @ 3173.0usft (Nabors 893) |
| <b>Site Error:</b>        | 3.0 usft                               | <b>North Reference:</b>             | Grid                             |
| <b>Reference Well:</b>    | CABO WABO FED COM #702H                | <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 CABO WABO FEDERAL PROJECT (ATLAS 2529) - CABO WABO FED COM #802H - OWB - PWP0 |                       |                       |                       |           |        |                 |                       |                                     |              |                        |                         |                           | 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 | Offset | 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  |
| 10,000.0                                                                                    | 9,986.0               | 9,993.5               | 9,988.0               | 35.3      | 35.6   | 88.39           |                       | 147.8                               | -411.0       | 249.2                  | 178.3                   | 70.91                     | 3.514              |          |
| 10,087.7                                                                                    | 10,073.4              | 10,080.9              | 10,075.4              | 35.6      | 35.9   | 90.00           |                       | 147.8                               | -411.0       | 249.1                  | 177.6                   | 71.54                     | 3.482              | CC       |
| 10,100.0                                                                                    | 10,085.7              | 10,093.2              | 10,087.7              | 35.7      | 36.0   | 90.23           |                       | 147.8                               | -411.0       | 249.1                  | 177.5                   | 71.62                     | 3.478              |          |
| 10,197.9                                                                                    | 10,183.3              | 10,190.8              | 10,185.3              | 36.0      | 36.3   | 92.03           |                       | 147.8                               | -411.0       | 249.3                  | 176.9                   | 72.32                     | 3.447              |          |
| 10,200.0                                                                                    | 10,185.4              | 10,192.9              | 10,187.4              | 36.0      | 36.3   | 94.51           |                       | 147.8                               | -411.0       | 249.3                  | 176.9                   | 72.33                     | 3.446              | ES, SF   |
| 10,250.0                                                                                    | 10,235.1              | 10,242.6              | 10,237.1              | 36.2      | 36.5   | 133.38          |                       | 147.8                               | -411.0       | 251.8                  | 179.1                   | 72.69                     | 3.464              |          |
| 10,300.0                                                                                    | 10,284.3              | 10,291.8              | 10,286.3              | 36.4      | 36.7   | 147.95          |                       | 147.8                               | -411.0       | 258.6                  | 185.6                   | 73.03                     | 3.541              |          |
| 10,350.0                                                                                    | 10,332.7              | 10,340.2              | 10,334.7              | 36.5      | 36.9   | 155.13          |                       | 147.8                               | -411.0       | 269.8                  | 196.4                   | 73.37                     | 3.677              |          |
| 10,400.0                                                                                    | 10,379.8              | 10,387.4              | 10,381.8              | 36.7      | 37.0   | 159.56          |                       | 147.8                               | -411.0       | 285.2                  | 211.5                   | 73.70                     | 3.870              |          |
| 10,450.0                                                                                    | 10,425.4              | 10,432.9              | 10,427.4              | 36.8      | 37.2   | 162.66          |                       | 147.8                               | -411.0       | 304.8                  | 230.8                   | 74.01                     | 4.118              |          |
| 10,500.0                                                                                    | 10,469.1              | 10,476.6              | 10,471.1              | 37.0      | 37.3   | 164.98          |                       | 147.8                               | -411.0       | 328.4                  | 254.1                   | 74.31                     | 4.420              |          |
| 10,550.0                                                                                    | 10,510.4              | 10,517.9              | 10,512.4              | 37.1      | 37.5   | 166.79          |                       | 147.8                               | -411.0       | 355.9                  | 281.3                   | 74.59                     | 4.771              |          |
| 10,600.0                                                                                    | 10,549.2              | 10,556.7              | 10,551.2              | 37.3      | 37.6   | 168.22          |                       | 147.8                               | -411.0       | 387.0                  | 312.1                   | 74.85                     | 5.170              |          |
| 10,650.0                                                                                    | 10,585.2              | 10,592.7              | 10,587.2              | 37.4      | 37.8   | 169.35          |                       | 147.8                               | -411.0       | 421.4                  | 346.3                   | 75.08                     | 5.612              |          |
| 10,700.0                                                                                    | 10,618.0              | 10,625.5              | 10,620.0              | 37.5      | 37.9   | 170.24          |                       | 147.8                               | -411.0       | 458.8                  | 383.5                   | 75.29                     | 6.094              |          |
| 10,750.0                                                                                    | 10,647.3              | 10,654.8              | 10,649.3              | 37.6      | 38.0   | 170.91          |                       | 147.8                               | -411.0       | 499.1                  | 423.6                   | 75.48                     | 6.612              |          |
| 10,800.0                                                                                    | 10,673.1              | 10,680.6              | 10,675.1              | 37.7      | 38.1   | 171.38          |                       | 147.8                               | -411.0       | 541.8                  | 466.1                   | 75.64                     | 7.163              |          |
| 10,850.0                                                                                    | 10,695.1              | 10,702.6              | 10,697.1              | 37.8      | 38.1   | 171.64          |                       | 147.8                               | -411.0       | 586.6                  | 510.8                   | 75.77                     | 7.742              |          |
| 10,900.0                                                                                    | 10,713.0              | 10,720.5              | 10,715.0              | 37.9      | 38.2   | 171.62          |                       | 147.8                               | -411.0       | 633.2                  | 557.3                   | 75.87                     | 8.345              |          |
| 10,950.0                                                                                    | 10,726.9              | 10,734.4              | 10,728.9              | 38.0      | 38.3   | 171.17          |                       | 147.8                               | -411.0       | 681.2                  | 605.2                   | 75.95                     | 8.968              |          |
| 11,000.0                                                                                    | 10,736.5              | 11,924.6              | 11,435.0              | 38.1      | 40.7   | 179.06          |                       | -582.3                              | -406.2       | 696.6                  | 651.1                   | 45.45                     | 15.326             |          |
| 11,050.0                                                                                    | 10,741.8              | 11,974.3              | 11,435.0              | 38.2      | 40.8   | 179.10          |                       | -632.0                              | -405.9       | 691.2                  | 645.6                   | 45.60                     | 15.158             |          |
| 11,085.7                                                                                    | 10,743.0              | 12,010.0              | 11,435.0              | 38.2      | 40.8   | 179.10          |                       | -667.7                              | -405.7       | 690.1                  | 644.4                   | 45.71                     | 15.096             |          |
| 11,100.0                                                                                    | 10,743.0              | 12,024.3              | 11,435.0              | 38.2      | 40.9   | 179.10          |                       | -682.0                              | -405.6       | 690.1                  | 644.3                   | 45.76                     | 15.081             |          |
| 11,200.0                                                                                    | 10,743.1              | 12,124.3              | 11,435.0              | 38.4      | 41.0   | 179.11          |                       | -782.0                              | -404.9       | 690.0                  | 643.9                   | 46.11                     | 14.965             |          |
| 11,300.0                                                                                    | 10,743.2              | 12,224.3              | 11,435.0              | 38.5      | 41.1   | 179.11          |                       | -882.0                              | -404.3       | 689.9                  | 643.4                   | 46.50                     | 14.834             |          |
| 11,400.0                                                                                    | 10,743.3              | 12,324.3              | 11,435.0              | 38.7      | 41.3   | 179.11          |                       | -982.0                              | -403.6       | 689.8                  | 642.8                   | 46.95                     | 14.690             |          |
| 11,500.0                                                                                    | 10,743.4              | 12,424.3              | 11,435.0              | 38.9      | 41.5   | 179.11          |                       | -1,082.0                            | -403.0       | 689.6                  | 642.2                   | 47.45                     | 14.535             |          |
| 11,600.0                                                                                    | 10,743.5              | 12,524.3              | 11,435.0              | 39.1      | 41.6   | 179.11          |                       | -1,182.0                            | -402.3       | 689.5                  | 641.6                   | 47.99                     | 14.368             |          |
| 11,700.0                                                                                    | 10,743.6              | 12,624.3              | 11,435.0              | 39.3      | 41.9   | 179.11          |                       | -1,282.0                            | -401.7       | 689.4                  | 640.9                   | 48.58                     | 14.193             |          |
| 11,800.0                                                                                    | 10,743.7              | 12,724.3              | 11,435.0              | 39.6      | 42.1   | 179.11          |                       | -1,382.0                            | -401.0       | 689.3                  | 640.1                   | 49.21                     | 14.009             |          |
| 11,900.0                                                                                    | 10,743.8              | 12,824.3              | 11,435.0              | 39.8      | 42.3   | 179.11          |                       | -1,482.0                            | -400.4       | 689.2                  | 639.4                   | 49.88                     | 13.818             |          |
| 12,000.0                                                                                    | 10,743.9              | 12,924.3              | 11,435.0              | 40.1      | 42.6   | 179.11          |                       | -1,582.0                            | -399.7       | 689.1                  | 638.5                   | 50.59                     | 13.622             |          |
| 12,100.0                                                                                    | 10,744.0              | 13,024.3              | 11,435.0              | 40.4      | 42.9   | 179.11          |                       | -1,682.0                            | -399.1       | 689.0                  | 637.7                   | 51.34                     | 13.420             |          |
| 12,200.0                                                                                    | 10,744.1              | 13,124.3              | 11,435.0              | 40.7      | 43.1   | 179.11          |                       | -1,781.9                            | -398.4       | 688.9                  | 636.8                   | 52.13                     | 13.216             |          |
| 12,300.0                                                                                    | 10,744.2              | 13,224.3              | 11,435.0              | 41.0      | 43.5   | 179.11          |                       | -1,881.9                            | -397.8       | 688.8                  | 635.9                   | 52.95                     | 13.009             |          |
| 12,400.0                                                                                    | 10,744.3              | 13,324.3              | 11,435.0              | 41.4      | 43.8   | 179.11          |                       | -1,981.9                            | -397.1       | 688.7                  | 634.9                   | 53.80                     | 12.800             |          |
| 12,500.0                                                                                    | 10,744.4              | 13,424.3              | 11,435.0              | 41.7      | 44.1   | 179.11          |                       | -2,081.9                            | -396.5       | 688.6                  | 633.9                   | 54.69                     | 12.591             |          |
| 12,600.0                                                                                    | 10,744.6              | 13,524.3              | 11,435.0              | 42.1      | 44.5   | 179.11          |                       | -2,181.9                            | -395.8       | 688.5                  | 632.9                   | 55.61                     | 12.381             |          |
| 12,700.0                                                                                    | 10,744.7              | 13,624.3              | 11,435.0              | 42.5      | 44.8   | 179.11          |                       | -2,281.9                            | -395.2       | 688.4                  | 631.8                   | 56.55                     | 12.172             |          |
| 12,800.0                                                                                    | 10,744.8              | 13,724.3              | 11,435.0              | 42.9      | 45.2   | 179.11          |                       | -2,381.9                            | -394.5       | 688.3                  | 630.8                   | 57.53                     | 11.965             |          |
| 12,900.0                                                                                    | 10,744.9              | 13,824.3              | 11,435.0              | 43.3      | 45.6   | 179.11          |                       | -2,481.9                            | -393.9       | 688.2                  | 629.7                   | 58.53                     | 11.759             |          |
| 13,000.0                                                                                    | 10,745.0              | 13,924.3              | 11,435.0              | 43.7      | 46.0   | 179.12          |                       | -2,581.9                            | -393.2       | 688.1                  | 628.5                   | 59.55                     | 11.555             |          |
| 13,100.0                                                                                    | 10,745.1              | 14,024.3              | 11,435.0              | 44.2      | 46.4   | 179.12          |                       | -2,681.9                            | -392.6       | 688.0                  | 627.4                   | 60.60                     | 11.353             |          |
| 13,200.0                                                                                    | 10,745.2              | 14,124.3              | 11,435.0              | 44.6      | 46.8   | 179.12          |                       | -2,781.9                            | -391.9       | 687.9                  | 626.2                   | 61.67                     | 11.155             |          |
| 13,300.0                                                                                    | 10,745.3              | 14,224.3              | 11,435.0              | 45.1      | 47.3   | 179.12          |                       | -2,881.9                            | -391.3       | 687.8                  | 625.0                   | 62.76                     | 10.959             |          |
| 13,400.0                                                                                    | 10,745.4              | 14,324.3              | 11,435.0              | 45.5      | 47.7   | 179.12          |                       | -2,981.9                            | -390.6       | 687.7                  | 623.8                   | 63.87                     | 10.767             |          |
| 13,500.0                                                                                    | 10,745.5              | 14,424.3              | 11,435.0              | 46.0      | 48.2   | 179.12          |                       | -3,081.9                            | -390.0       | 687.6                  | 622.6                   | 65.00                     | 10.578             |          |
| 13,600.0                                                                                    | 10,745.6              | 14,524.3              | 11,435.0              | 46.5      | 48.7   | 179.12          |                       | -3,181.9                            | -389.3       | 687.4                  | 621.3                   | 66.15                     | 10.393             |          |
| 13,700.0                                                                                    | 10,745.7              | 14,624.3              | 11,435.0              | 47.0      | 49.1   | 179.12          |                       | -3,281.9                            | -388.7       | 687.3                  | 620.0                   | 67.31                     | 10.212             |          |
| 13,800.0                                                                                    | 10,745.8              | 14,724.3              | 11,435.0              | 47.5      | 49.6   | 179.12          |                       | -3,381.9                            | -388.0       | 687.2                  | 618.7                   | 68.49                     | 10.034             |          |

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 WEST                    | <b>Local Co-ordinate Reference:</b> | Well CABO WABO FED COM #702H     |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)                  | <b>TVD Reference:</b>               | KB=27' @ 3173.0usft (Nabors 893) |
| <b>Reference Site:</b>    | CABO WABO FEDERAL PROJECT (ATLAS 2529) | <b>MD Reference:</b>                | KB=27' @ 3173.0usft (Nabors 893) |
| <b>Site Error:</b>        | 3.0 usft                               | <b>North Reference:</b>             | Grid                             |
| <b>Reference Well:</b>    | CABO WABO FED COM #702H                | <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 CABO WABO FEDERAL PROJECT (ATLAS 2529) - CABO WABO FED COM #802H - OWB - PWP0 |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           | 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  |          |
| 13,900.0                                                                                    | 10,745.9              | 14,824.3              | 11,435.0              | 48.1             | 50.1          | 179.12                | -3,481.9                            | -387.4       | 687.1                  | 617.4                   | 69.69                     | 9.860              |          |
| 14,000.0                                                                                    | 10,746.0              | 14,924.3              | 11,435.0              | 48.6             | 50.6          | 179.12                | -3,581.9                            | -386.7       | 687.0                  | 616.1                   | 70.90                     | 9.690              |          |
| 14,100.0                                                                                    | 10,746.1              | 15,024.3              | 11,435.0              | 49.1             | 51.2          | 179.12                | -3,681.9                            | -386.1       | 686.9                  | 614.8                   | 72.12                     | 9.525              |          |
| 14,200.0                                                                                    | 10,746.2              | 15,124.3              | 11,435.0              | 49.7             | 51.7          | 179.12                | -3,781.9                            | -385.4       | 686.8                  | 613.5                   | 73.36                     | 9.362              |          |
| 14,300.0                                                                                    | 10,746.3              | 15,224.3              | 11,435.0              | 50.3             | 52.2          | 179.12                | -3,881.9                            | -384.8       | 686.7                  | 612.1                   | 74.61                     | 9.204              |          |
| 14,400.0                                                                                    | 10,746.4              | 15,324.3              | 11,435.0              | 50.8             | 52.8          | 179.12                | -3,981.9                            | -384.1       | 686.6                  | 610.7                   | 75.87                     | 9.050              |          |
| 14,500.0                                                                                    | 10,746.5              | 15,424.3              | 11,435.0              | 51.4             | 53.3          | 179.12                | -4,081.9                            | -383.5       | 686.5                  | 609.4                   | 77.15                     | 8.899              |          |
| 14,600.0                                                                                    | 10,746.7              | 15,524.3              | 11,435.0              | 52.0             | 53.9          | 179.12                | -4,181.9                            | -382.8       | 686.4                  | 608.0                   | 78.43                     | 8.752              |          |
| 14,700.0                                                                                    | 10,746.8              | 15,624.3              | 11,435.0              | 52.6             | 54.5          | 179.12                | -4,281.9                            | -382.2       | 686.3                  | 606.6                   | 79.72                     | 8.608              |          |
| 14,800.0                                                                                    | 10,746.9              | 15,724.3              | 11,435.0              | 53.2             | 55.1          | 179.13                | -4,381.9                            | -381.5       | 686.2                  | 605.2                   | 81.03                     | 8.469              |          |
| 14,900.0                                                                                    | 10,747.0              | 15,824.3              | 11,435.0              | 53.8             | 55.7          | 179.13                | -4,481.9                            | -380.9       | 686.1                  | 603.7                   | 82.34                     | 8.332              |          |
| 15,000.0                                                                                    | 10,747.1              | 15,924.3              | 11,435.0              | 54.4             | 56.2          | 179.13                | -4,581.9                            | -380.2       | 686.0                  | 602.3                   | 83.66                     | 8.199              |          |
| 15,100.0                                                                                    | 10,747.2              | 16,024.3              | 11,435.0              | 55.0             | 56.8          | 179.13                | -4,681.9                            | -379.6       | 685.9                  | 600.9                   | 84.99                     | 8.070              |          |
| 15,200.0                                                                                    | 10,747.3              | 16,124.3              | 11,435.0              | 55.6             | 57.5          | 179.13                | -4,781.9                            | -378.9       | 685.8                  | 599.4                   | 86.33                     | 7.943              |          |
| 15,300.0                                                                                    | 10,747.4              | 16,224.3              | 11,435.0              | 56.3             | 58.1          | 179.13                | -4,881.9                            | -378.3       | 685.7                  | 598.0                   | 87.68                     | 7.820              |          |
| 15,400.0                                                                                    | 10,747.5              | 16,324.3              | 11,435.0              | 56.9             | 58.7          | 179.13                | -4,981.9                            | -377.6       | 685.6                  | 596.5                   | 89.03                     | 7.700              |          |
| 15,500.0                                                                                    | 10,747.6              | 16,424.3              | 11,435.0              | 57.6             | 59.3          | 179.13                | -5,081.9                            | -377.0       | 685.5                  | 595.1                   | 90.39                     | 7.583              |          |
| 15,600.0                                                                                    | 10,747.7              | 16,524.3              | 11,435.0              | 58.2             | 60.0          | 179.13                | -5,181.9                            | -376.3       | 685.4                  | 593.6                   | 91.76                     | 7.469              |          |
| 15,700.0                                                                                    | 10,747.8              | 16,624.3              | 11,435.0              | 58.9             | 60.6          | 179.13                | -5,281.9                            | -375.7       | 685.2                  | 592.1                   | 93.13                     | 7.358              |          |
| 15,800.0                                                                                    | 10,747.9              | 16,724.3              | 11,435.0              | 59.5             | 61.2          | 179.13                | -5,381.9                            | -375.0       | 685.1                  | 590.6                   | 94.51                     | 7.249              |          |
| 15,900.0                                                                                    | 10,748.0              | 16,824.3              | 11,435.0              | 60.2             | 61.9          | 179.13                | -5,481.9                            | -374.4       | 685.0                  | 589.1                   | 95.90                     | 7.143              |          |
| 16,000.0                                                                                    | 10,748.1              | 16,924.3              | 11,435.0              | 60.9             | 62.5          | 179.13                | -5,581.9                            | -373.7       | 684.9                  | 587.6                   | 97.29                     | 7.040              |          |
| 16,100.0                                                                                    | 10,748.2              | 17,024.3              | 11,435.0              | 61.6             | 63.2          | 179.13                | -5,681.9                            | -373.1       | 684.8                  | 586.1                   | 98.69                     | 6.939              |          |
| 16,200.0                                                                                    | 10,748.3              | 17,124.3              | 11,435.0              | 62.2             | 63.9          | 179.13                | -5,781.9                            | -372.4       | 684.7                  | 584.6                   | 100.09                    | 6.841              |          |
| 16,300.0                                                                                    | 10,748.4              | 17,224.3              | 11,435.0              | 62.9             | 64.5          | 179.13                | -5,881.9                            | -371.8       | 684.6                  | 583.1                   | 101.50                    | 6.745              |          |
| 16,400.0                                                                                    | 10,748.5              | 17,324.3              | 11,435.0              | 63.6             | 65.2          | 179.13                | -5,981.9                            | -371.1       | 684.5                  | 581.6                   | 102.91                    | 6.652              |          |
| 16,500.0                                                                                    | 10,748.6              | 17,424.3              | 11,435.0              | 64.3             | 65.9          | 179.13                | -6,081.9                            | -370.5       | 684.4                  | 580.1                   | 104.32                    | 6.561              |          |
| 16,600.0                                                                                    | 10,748.8              | 17,524.3              | 11,435.0              | 65.0             | 66.6          | 179.13                | -6,181.9                            | -369.8       | 684.3                  | 578.6                   | 105.74                    | 6.471              |          |
| 16,700.0                                                                                    | 10,748.9              | 17,624.3              | 11,435.0              | 65.7             | 67.3          | 179.14                | -6,281.9                            | -369.2       | 684.2                  | 577.0                   | 107.17                    | 6.384              |          |
| 16,800.0                                                                                    | 10,749.0              | 17,724.3              | 11,435.0              | 66.4             | 67.9          | 179.14                | -6,381.9                            | -368.5       | 684.1                  | 575.5                   | 108.60                    | 6.299              |          |
| 16,900.0                                                                                    | 10,749.1              | 17,824.3              | 11,435.0              | 67.1             | 68.6          | 179.14                | -6,481.8                            | -367.9       | 684.0                  | 574.0                   | 110.03                    | 6.217              |          |
| 17,000.0                                                                                    | 10,749.2              | 17,924.3              | 11,435.0              | 67.8             | 69.3          | 179.14                | -6,581.8                            | -367.2       | 683.9                  | 572.4                   | 111.46                    | 6.136              |          |
| 17,100.0                                                                                    | 10,749.3              | 18,024.3              | 11,435.0              | 68.5             | 70.0          | 179.14                | -6,681.8                            | -366.6       | 683.8                  | 570.9                   | 112.90                    | 6.056              |          |
| 17,200.0                                                                                    | 10,749.4              | 18,124.3              | 11,435.0              | 69.3             | 70.7          | 179.14                | -6,781.8                            | -365.9       | 683.7                  | 569.3                   | 114.35                    | 5.979              |          |
| 17,300.0                                                                                    | 10,749.5              | 18,224.3              | 11,435.0              | 70.0             | 71.5          | 179.14                | -6,881.8                            | -365.3       | 683.6                  | 567.8                   | 115.79                    | 5.903              |          |
| 17,400.0                                                                                    | 10,749.6              | 18,324.3              | 11,435.0              | 70.7             | 72.2          | 179.14                | -6,981.8                            | -364.6       | 683.5                  | 566.2                   | 117.24                    | 5.830              |          |
| 17,500.0                                                                                    | 10,749.7              | 18,424.3              | 11,435.0              | 71.4             | 72.9          | 179.14                | -7,081.8                            | -364.0       | 683.4                  | 564.7                   | 118.69                    | 5.757              |          |
| 17,600.0                                                                                    | 10,749.8              | 18,524.3              | 11,435.0              | 72.2             | 73.6          | 179.14                | -7,181.8                            | -363.3       | 683.3                  | 563.1                   | 120.15                    | 5.687              |          |
| 17,700.0                                                                                    | 10,749.9              | 18,624.3              | 11,435.0              | 72.9             | 74.3          | 179.14                | -7,281.8                            | -362.7       | 683.2                  | 561.5                   | 121.61                    | 5.618              |          |
| 17,800.0                                                                                    | 10,750.0              | 18,724.3              | 11,435.0              | 73.6             | 75.0          | 179.14                | -7,381.8                            | -362.0       | 683.0                  | 560.0                   | 123.07                    | 5.550              |          |
| 17,900.0                                                                                    | 10,750.1              | 18,824.3              | 11,435.0              | 74.4             | 75.8          | 179.14                | -7,481.8                            | -361.4       | 682.9                  | 558.4                   | 124.53                    | 5.484              |          |
| 18,000.0                                                                                    | 10,750.2              | 18,924.3              | 11,435.0              | 75.1             | 76.5          | 179.14                | -7,581.8                            | -360.7       | 682.8                  | 556.8                   | 126.00                    | 5.419              |          |
| 18,100.0                                                                                    | 10,750.3              | 19,024.3              | 11,435.0              | 75.9             | 77.2          | 179.14                | -7,681.8                            | -360.1       | 682.7                  | 555.3                   | 127.47                    | 5.356              |          |
| 18,200.0                                                                                    | 10,750.4              | 19,124.3              | 11,435.0              | 76.6             | 78.0          | 179.14                | -7,781.8                            | -359.4       | 682.6                  | 553.7                   | 128.94                    | 5.294              |          |
| 18,300.0                                                                                    | 10,750.5              | 19,224.3              | 11,435.0              | 77.4             | 78.7          | 179.14                | -7,881.8                            | -358.8       | 682.5                  | 552.1                   | 130.41                    | 5.234              |          |
| 18,400.0                                                                                    | 10,750.6              | 19,324.3              | 11,435.0              | 78.1             | 79.5          | 179.14                | -7,981.8                            | -358.1       | 682.4                  | 550.5                   | 131.89                    | 5.174              |          |
| 18,500.0                                                                                    | 10,750.8              | 19,424.3              | 11,435.0              | 78.9             | 80.2          | 179.15                | -8,081.8                            | -357.5       | 682.3                  | 549.0                   | 133.36                    | 5.116              |          |
| 18,600.0                                                                                    | 10,750.9              | 19,524.3              | 11,435.0              | 79.6             | 80.9          | 179.15                | -8,181.8                            | -356.8       | 682.2                  | 547.4                   | 134.84                    | 5.059              |          |
| 18,700.0                                                                                    | 10,751.0              | 19,624.3              | 11,435.0              | 80.4             | 81.7          | 179.15                | -8,281.8                            | -356.2       | 682.1                  | 545.8                   | 136.33                    | 5.004              |          |
| 18,800.0                                                                                    | 10,751.1              | 19,724.3              | 11,435.0              | 81.2             | 82.4          | 179.15                | -8,381.8                            | -355.5       | 682.0                  | 544.2                   | 137.81                    | 4.949              |          |
| 18,900.0                                                                                    | 10,751.2              | 19,824.3              | 11,435.0              | 81.9             | 83.2          | 179.15                | -8,481.8                            | -354.9       | 681.9                  | 542.6                   | 139.29                    | 4.895              |          |

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 WEST                    | <b>Local Co-ordinate Reference:</b> | Well CABO WABO FED COM #702H     |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)                  | <b>TVD Reference:</b>               | KB=27' @ 3173.0usft (Nabors 893) |
| <b>Reference Site:</b>    | CABO WABO FEDERAL PROJECT (ATLAS 2529) | <b>MD Reference:</b>                | KB=27' @ 3173.0usft (Nabors 893) |
| <b>Site Error:</b>        | 3.0 usft                               | <b>North Reference:</b>             | Grid                             |
| <b>Reference Well:</b>    | CABO WABO FED COM #702H                | <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 CABO WABO FEDERAL PROJECT (ATLAS 2529) - CABO WABO FED COM #802H - OWB - PWP0 |                       |                       |                       |                  |               |                                       |                                     |              |                        |                         |                           |                   | 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            |          |
| 19,000.0                                                                                    | 10,751.3              | 19,924.3              | 11,435.0              | 82.7             | 83.9          | 179.15                                | -8,581.8                            | -354.2       | 681.8                  | 541.0                   | 140.78                    | 4.843             |                    |          |
| 19,100.0                                                                                    | 10,751.4              | 20,024.3              | 11,435.0              | 83.4             | 84.7          | 179.15                                | -8,681.8                            | -353.6       | 681.7                  | 539.4                   | 142.27                    | 4.791             |                    |          |
| 19,200.0                                                                                    | 10,751.5              | 20,124.3              | 11,435.0              | 84.2             | 85.5          | 179.15                                | -8,781.8                            | -352.9       | 681.6                  | 537.8                   | 143.76                    | 4.741             |                    |          |
| 19,300.0                                                                                    | 10,751.6              | 20,224.3              | 11,435.0              | 85.0             | 86.2          | 179.15                                | -8,881.8                            | -352.3       | 681.5                  | 536.2                   | 145.25                    | 4.692             |                    |          |
| 19,400.0                                                                                    | 10,751.7              | 20,324.3              | 11,435.0              | 85.8             | 87.0          | 179.15                                | -8,981.8                            | -351.6       | 681.4                  | 534.6                   | 146.75                    | 4.643             |                    |          |
| 19,500.0                                                                                    | 10,751.8              | 20,424.3              | 11,435.0              | 86.5             | 87.8          | 179.15                                | -9,081.8                            | -351.0       | 681.3                  | 533.0                   | 148.24                    | 4.596             |                    |          |
| 19,600.0                                                                                    | 10,751.9              | 20,524.3              | 11,435.0              | 87.3             | 88.5          | 179.15                                | -9,181.8                            | -350.3       | 681.2                  | 531.4                   | 149.74                    | 4.549             |                    |          |
| 19,700.0                                                                                    | 10,752.0              | 20,624.3              | 11,435.0              | 88.1             | 89.3          | 179.15                                | -9,281.8                            | -349.7       | 681.1                  | 529.8                   | 151.24                    | 4.503             |                    |          |
| 19,800.0                                                                                    | 10,752.1              | 20,724.3              | 11,435.0              | 88.9             | 90.1          | 179.15                                | -9,381.8                            | -349.0       | 681.0                  | 528.2                   | 152.74                    | 4.458             |                    |          |
| 19,900.0                                                                                    | 10,752.2              | 20,824.3              | 11,435.0              | 89.6             | 90.8          | 179.15                                | -9,481.8                            | -348.4       | 680.8                  | 526.6                   | 154.24                    | 4.414             |                    |          |
| 20,000.0                                                                                    | 10,752.3              | 20,924.3              | 11,435.0              | 90.4             | 91.6          | 179.15                                | -9,581.8                            | -347.7       | 680.7                  | 525.0                   | 155.74                    | 4.371             |                    |          |
| 20,100.0                                                                                    | 10,752.4              | 21,024.3              | 11,435.0              | 91.2             | 92.4          | 179.15                                | -9,681.8                            | -347.1       | 680.6                  | 523.4                   | 157.25                    | 4.328             |                    |          |
| 20,200.0                                                                                    | 10,752.5              | 21,124.3              | 11,435.0              | 92.0             | 93.1          | 179.16                                | -9,781.8                            | -346.4       | 680.5                  | 521.8                   | 158.75                    | 4.287             |                    |          |
| 20,300.0                                                                                    | 10,752.6              | 21,224.3              | 11,435.0              | 92.8             | 93.9          | 179.16                                | -9,881.8                            | -345.8       | 680.4                  | 520.2                   | 160.26                    | 4.246             |                    |          |
| 20,400.0                                                                                    | 10,752.7              | 21,324.3              | 11,435.0              | 93.6             | 94.7          | 179.16                                | -9,981.8                            | -345.1       | 680.3                  | 518.6                   | 161.77                    | 4.206             |                    |          |
| 20,500.0                                                                                    | 10,752.9              | 21,424.3              | 11,435.0              | 94.3             | 95.5          | 179.16                                | -10,081.8                           | -344.5       | 680.2                  | 516.9                   | 163.28                    | 4.166             |                    |          |
| 20,600.0                                                                                    | 10,753.0              | 21,524.3              | 11,435.0              | 95.1             | 96.3          | 179.16                                | -10,181.8                           | -343.8       | 680.1                  | 515.3                   | 164.79                    | 4.127             |                    |          |
| 20,639.4                                                                                    | 10,753.0              | 21,563.7              | 11,435.0              | 95.4             | 96.6          | 179.16                                | -10,221.2                           | -343.5       | 680.1                  | 514.8                   | 165.23                    | 4.116             |                    |          |
| 20,639.8                                                                                    | 10,753.0              | 21,563.7              | 11,435.0              | 95.4             | 96.6          | 179.16                                | -10,221.2                           | -343.5       | 680.1                  | 514.8                   | 165.23                    | 4.116             |                    |          |

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 WEST                    | <b>Local Co-ordinate Reference:</b> | Well CABO WABO FED COM #702H     |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)                  | <b>TVD Reference:</b>               | KB=27' @ 3173.0usft (Nabors 893) |
| <b>Reference Site:</b>    | CABO WABO FEDERAL PROJECT (ATLAS 2529) | <b>MD Reference:</b>                | KB=27' @ 3173.0usft (Nabors 893) |
| <b>Site Error:</b>        | 3.0 usft                               | <b>North Reference:</b>             | Grid                             |
| <b>Reference Well:</b>    | CABO WABO FED COM #702H                | <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 CABO WABO FEDERAL PROJECT (ATLAS 2529) - CABO WABO FED COM #803H - OWB - PWP0 |                       |                       |                       |                 |        |                       |                        |              |                        |                         |                           | Offset Site Error: 3.0 usft |         |
|---------------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|-----------------|--------|-----------------------|------------------------|--------------|------------------------|-------------------------|---------------------------|-----------------------------|---------|
| Survey Program: 0-MWD+IFR1+FDIR                                                             |                       |                       |                       |                 |        |                       |                        |              |                        |                         |                           | Offset Well Error: 3.0 usft |         |
| Reference                                                                                   |                       | Offset                |                       | Semi Major Axis |        | Highside Toolface (°) | Offset Wellbore Centre |              | Distance               |                         | Minimum Separation (usft) | Separation Factor           | Warning |
| Measured Depth (usft)                                                                       | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference       | Offset |                       | +N/-S (usft)           | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) |                           |                             |         |
| 0.0                                                                                         | 0.0                   | 2.0                   | 2.0                   | 3.0             | 3.0    | -90.48                | -2.4                   | -290.0       | 290.0                  |                         |                           |                             |         |
| 100.0                                                                                       | 100.0                 | 102.0                 | 102.0                 | 3.0             | 3.0    | -90.48                | -2.4                   | -290.0       | 290.0                  | 284.0                   | 6.01                      | 48.283                      |         |
| 200.0                                                                                       | 200.0                 | 202.0                 | 202.0                 | 3.0             | 3.0    | -90.48                | -2.4                   | -290.0       | 290.0                  | 283.9                   | 6.08                      | 47.697                      |         |
| 300.0                                                                                       | 300.0                 | 302.0                 | 302.0                 | 3.1             | 3.1    | -90.48                | -2.4                   | -290.0       | 290.0                  | 283.7                   | 6.24                      | 46.505                      |         |
| 400.0                                                                                       | 400.0                 | 402.0                 | 402.0                 | 3.2             | 3.2    | -90.48                | -2.4                   | -290.0       | 290.0                  | 283.5                   | 6.47                      | 44.836                      |         |
| 500.0                                                                                       | 500.0                 | 502.0                 | 502.0                 | 3.4             | 3.4    | -90.48                | -2.4                   | -290.0       | 290.0                  | 283.2                   | 6.77                      | 42.846                      |         |
| 600.0                                                                                       | 600.0                 | 602.0                 | 602.0                 | 3.6             | 3.6    | -90.48                | -2.4                   | -290.0       | 290.0                  | 282.9                   | 7.13                      | 40.682                      |         |
| 700.0                                                                                       | 700.0                 | 702.0                 | 702.0                 | 3.8             | 3.8    | -90.48                | -2.4                   | -290.0       | 290.0                  | 282.4                   | 7.54                      | 38.463                      |         |
| 800.0                                                                                       | 800.0                 | 802.0                 | 802.0                 | 4.0             | 4.0    | -90.48                | -2.4                   | -290.0       | 290.0                  | 282.0                   | 7.99                      | 36.276                      |         |
| 900.0                                                                                       | 900.0                 | 902.0                 | 902.0                 | 4.2             | 4.2    | -90.48                | -2.4                   | -290.0       | 290.0                  | 281.5                   | 8.48                      | 34.177                      |         |
| 1,000.0                                                                                     | 1,000.0               | 1,002.0               | 1,002.0               | 4.5             | 4.5    | -90.48                | -2.4                   | -290.0       | 290.0                  | 281.0                   | 9.01                      | 32.199                      |         |
| 1,100.0                                                                                     | 1,100.0               | 1,102.0               | 1,102.0               | 4.8             | 4.8    | -90.48                | -2.4                   | -290.0       | 290.0                  | 280.4                   | 9.55                      | 30.357                      |         |
| 1,200.0                                                                                     | 1,200.0               | 1,202.0               | 1,202.0               | 5.1             | 5.1    | -90.48                | -2.4                   | -290.0       | 290.0                  | 279.9                   | 10.12                     | 28.653                      |         |
| 1,300.0                                                                                     | 1,300.0               | 1,302.0               | 1,302.0               | 5.4             | 5.4    | -90.48                | -2.4                   | -290.0       | 290.0                  | 279.3                   | 10.71                     | 27.086                      |         |
| 1,400.0                                                                                     | 1,400.0               | 1,402.0               | 1,402.0               | 5.7             | 5.7    | -90.48                | -2.4                   | -290.0       | 290.0                  | 278.7                   | 11.31                     | 25.646                      |         |
| 1,500.0                                                                                     | 1,500.0               | 1,502.0               | 1,502.0               | 6.0             | 6.0    | -90.48                | -2.4                   | -290.0       | 290.0                  | 278.1                   | 11.92                     | 24.326                      |         |
| 1,600.0                                                                                     | 1,600.0               | 1,602.0               | 1,602.0               | 6.3             | 6.3    | -90.48                | -2.4                   | -290.0       | 290.0                  | 277.4                   | 12.55                     | 23.114                      |         |
| 1,700.0                                                                                     | 1,700.0               | 1,702.0               | 1,702.0               | 6.6             | 6.6    | -90.48                | -2.4                   | -290.0       | 290.0                  | 276.8                   | 13.18                     | 22.002                      |         |
| 1,800.0                                                                                     | 1,800.0               | 1,802.0               | 1,802.0               | 6.9             | 6.9    | -90.48                | -2.4                   | -290.0       | 290.0                  | 276.2                   | 13.82                     | 20.980                      |         |
| 1,900.0                                                                                     | 1,900.0               | 1,902.0               | 1,902.0               | 7.2             | 7.2    | -90.48                | -2.4                   | -290.0       | 290.0                  | 275.5                   | 14.47                     | 20.039                      |         |
| 2,000.0                                                                                     | 2,000.0               | 2,002.0               | 2,002.0               | 7.6             | 7.6    | -90.48                | -2.4                   | -290.0       | 290.0                  | 274.9                   | 15.13                     | 19.171                      |         |
| 2,100.0                                                                                     | 2,100.0               | 2,102.0               | 2,102.0               | 7.9             | 7.9    | -90.48                | -2.4                   | -290.0       | 290.0                  | 274.2                   | 15.79                     | 18.368                      |         |
| 2,200.0                                                                                     | 2,200.0               | 2,202.0               | 2,202.0               | 8.2             | 8.2    | -90.48                | -2.4                   | -290.0       | 290.0                  | 273.5                   | 16.45                     | 17.625                      |         |
| 2,300.0                                                                                     | 2,300.0               | 2,302.0               | 2,302.0               | 8.6             | 8.6    | -90.48                | -2.4                   | -290.0       | 290.0                  | 272.9                   | 17.12                     | 16.936                      |         |
| 2,400.0                                                                                     | 2,400.0               | 2,402.0               | 2,402.0               | 8.9             | 8.9    | -90.48                | -2.4                   | -290.0       | 290.0                  | 272.2                   | 17.80                     | 16.295                      |         |
| 2,416.0                                                                                     | 2,416.0               | 2,418.0               | 2,418.0               | 9.0             | 9.0    | -90.48                | -2.4                   | -290.0       | 290.0                  | 272.1                   | 17.90                     | 16.197                      | CC      |
| 2,500.0                                                                                     | 2,500.0               | 2,500.0               | 2,500.0               | 9.2             | 9.2    | -90.48                | -2.4                   | -290.0       | 290.0                  | 271.5                   | 18.46                     | 15.705                      | ES      |
| 2,600.0                                                                                     | 2,600.0               | 2,592.7               | 2,592.7               | 9.6             | 9.5    | -90.42                | -2.2                   | -291.4       | 291.6                  | 272.5                   | 19.10                     | 15.263                      |         |
| 2,700.0                                                                                     | 2,700.0               | 2,683.5               | 2,683.3               | 9.9             | 9.8    | -90.27                | -1.4                   | -295.8       | 296.3                  | 276.6                   | 19.72                     | 15.029                      |         |
| 2,800.0                                                                                     | 2,800.0               | 2,776.3               | 2,775.9               | 10.3            | 10.1   | -90.02                | -0.1                   | -303.0       | 304.1                  | 283.8                   | 20.34                     | 14.953                      |         |
| 2,900.0                                                                                     | 2,900.0               | 2,875.9               | 2,875.1               | 10.6            | 10.5   | -89.75                | 1.4                    | -311.5       | 312.7                  | 291.7                   | 21.01                     | 14.885                      |         |
| 3,000.0                                                                                     | 3,000.0               | 2,975.6               | 2,974.4               | 10.9            | 10.8   | -89.48                | 2.9                    | -320.1       | 321.3                  | 299.6                   | 21.68                     | 14.818                      |         |
| 3,100.0                                                                                     | 3,100.0               | 3,075.2               | 3,073.6               | 11.3            | 11.1   | -89.23                | 4.4                    | -328.6       | 329.9                  | 307.5                   | 22.36                     | 14.754                      |         |
| 3,200.0                                                                                     | 3,200.0               | 3,174.8               | 3,172.9               | 11.6            | 11.5   | -89.00                | 5.9                    | -337.2       | 338.5                  | 315.4                   | 23.04                     | 14.692                      |         |
| 3,300.0                                                                                     | 3,300.0               | 3,274.4               | 3,272.1               | 12.0            | 11.8   | -88.77                | 7.4                    | -345.7       | 347.1                  | 323.4                   | 23.72                     | 14.633                      |         |
| 3,400.0                                                                                     | 3,400.0               | 3,374.0               | 3,371.3               | 12.3            | 12.2   | -88.56                | 8.9                    | -354.3       | 355.7                  | 331.3                   | 24.40                     | 14.576                      |         |
| 3,500.0                                                                                     | 3,500.0               | 3,473.7               | 3,470.6               | 12.7            | 12.5   | -88.35                | 10.4                   | -362.8       | 364.3                  | 339.2                   | 25.09                     | 14.521                      |         |
| 3,600.0                                                                                     | 3,600.0               | 3,573.3               | 3,569.8               | 13.0            | 12.8   | -88.16                | 11.9                   | -371.4       | 373.0                  | 347.2                   | 25.78                     | 14.468                      |         |
| 3,700.0                                                                                     | 3,700.0               | 3,672.9               | 3,669.1               | 13.4            | 13.2   | -87.97                | 13.4                   | -379.9       | 381.6                  | 355.1                   | 26.47                     | 14.417                      |         |
| 3,800.0                                                                                     | 3,800.0               | 3,772.5               | 3,768.3               | 13.7            | 13.5   | -87.80                | 14.9                   | -388.5       | 390.2                  | 363.1                   | 27.16                     | 14.368                      |         |
| 3,900.0                                                                                     | 3,900.0               | 3,872.1               | 3,867.5               | 14.1            | 13.9   | -87.63                | 16.5                   | -397.0       | 398.9                  | 371.0                   | 27.85                     | 14.320                      |         |
| 4,000.0                                                                                     | 4,000.0               | 3,971.7               | 3,966.8               | 14.4            | 14.2   | -87.46                | 18.0                   | -405.6       | 407.5                  | 378.9                   | 28.55                     | 14.275                      |         |
| 4,100.0                                                                                     | 4,100.0               | 4,071.4               | 4,066.0               | 14.8            | 14.6   | -87.31                | 19.5                   | -414.1       | 416.1                  | 386.9                   | 29.24                     | 14.231                      |         |
| 4,200.0                                                                                     | 4,200.0               | 4,171.0               | 4,165.3               | 15.1            | 14.9   | -87.16                | 21.0                   | -422.7       | 424.8                  | 394.8                   | 29.94                     | 14.189                      |         |
| 4,300.0                                                                                     | 4,300.0               | 4,270.6               | 4,264.5               | 15.5            | 15.3   | -87.01                | 22.5                   | -431.2       | 433.4                  | 402.8                   | 30.64                     | 14.148                      |         |
| 4,400.0                                                                                     | 4,400.0               | 4,370.2               | 4,363.7               | 15.8            | 15.6   | -86.88                | 24.0                   | -439.8       | 442.1                  | 410.8                   | 31.33                     | 14.109                      |         |
| 4,500.0                                                                                     | 4,500.0               | 4,469.8               | 4,463.0               | 16.2            | 16.0   | -86.74                | 25.5                   | -448.3       | 450.7                  | 418.7                   | 32.03                     | 14.071                      |         |
| 4,600.0                                                                                     | 4,600.0               | 4,569.5               | 4,562.2               | 16.5            | 16.3   | -86.62                | 27.0                   | -456.9       | 459.4                  | 426.7                   | 32.73                     | 14.034                      |         |
| 4,700.0                                                                                     | 4,700.0               | 4,669.1               | 4,661.5               | 16.9            | 16.7   | -86.49                | 28.5                   | -465.4       | 468.1                  | 434.6                   | 33.43                     | 13.999                      |         |
| 4,800.0                                                                                     | 4,800.0               | 4,768.7               | 4,760.7               | 17.2            | 17.0   | -86.38                | 30.0                   | -474.0       | 476.7                  | 442.6                   | 34.14                     | 13.965                      |         |
| 4,900.0                                                                                     | 4,900.0               | 4,868.3               | 4,859.9               | 17.6            | 17.4   | -86.26                | 31.5                   | -482.5       | 485.4                  | 450.5                   | 34.84                     | 13.932                      |         |

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 WEST                    | <b>Local Co-ordinate Reference:</b> | Well CABO WABO FED COM #702H     |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)                  | <b>TVD Reference:</b>               | KB=27' @ 3173.0usft (Nabors 893) |
| <b>Reference Site:</b>    | CABO WABO FEDERAL PROJECT (ATLAS 2529) | <b>MD Reference:</b>                | KB=27' @ 3173.0usft (Nabors 893) |
| <b>Site Error:</b>        | 3.0 usft                               | <b>North Reference:</b>             | Grid                             |
| <b>Reference Well:</b>    | CABO WABO FED COM #702H                | <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 CABO WABO FEDERAL PROJECT (ATLAS 2529) - CABO WABO FED COM #803H - OWB - PWP0 |                       |                       |                       |           |        |                 |                       |                                     |              |                        |                         |                           | 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 | Offset | 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  |
| 5,000.0                                                                                     | 5,000.0               | 4,967.9               | 4,959.2               | 17.9      | 17.7   | -86.15          |                       | 33.0                                | -491.1       | 494.0                  | 458.5                   | 35.54                     | 13.900             |          |
| 5,100.0                                                                                     | 5,100.0               | 5,067.6               | 5,058.4               | 18.3      | 18.1   | -86.04          |                       | 34.5                                | -499.6       | 502.7                  | 466.5                   | 36.25                     | 13.869             |          |
| 5,200.0                                                                                     | 5,200.0               | 5,167.2               | 5,157.7               | 18.7      | 18.4   | -85.94          |                       | 36.1                                | -508.2       | 511.4                  | 474.4                   | 36.95                     | 13.839             |          |
| 5,300.0                                                                                     | 5,300.0               | 5,266.8               | 5,256.9               | 19.0      | 18.8   | -85.84          |                       | 37.6                                | -516.7       | 520.0                  | 482.4                   | 37.66                     | 13.810             |          |
| 5,400.0                                                                                     | 5,400.0               | 5,366.4               | 5,356.1               | 19.4      | 19.1   | -85.75          |                       | 39.1                                | -525.3       | 528.7                  | 490.4                   | 38.36                     | 13.782             |          |
| 5,500.0                                                                                     | 5,500.0               | 5,466.0               | 5,455.4               | 19.7      | 19.5   | -85.65          |                       | 40.6                                | -533.8       | 537.4                  | 498.3                   | 39.07                     | 13.755             |          |
| 5,600.0                                                                                     | 5,600.0               | 5,565.8               | 5,554.7               | 20.1      | 19.8   | 19.45           |                       | 42.1                                | -542.4       | 544.4                  | 504.7                   | 39.76                     | 13.691             |          |
| 5,700.0                                                                                     | 5,699.8               | 5,665.7               | 5,654.3               | 20.4      | 20.2   | 19.70           |                       | 43.6                                | -551.0       | 548.2                  | 507.7                   | 40.45                     | 13.552             |          |
| 5,730.0                                                                                     | 5,729.8               | 5,695.6               | 5,684.1               | 20.5      | 20.3   | 19.80           |                       | 44.1                                | -553.5       | 548.7                  | 508.0                   | 40.66                     | 13.495             |          |
| 5,800.0                                                                                     | 5,799.5               | 5,765.6               | 5,753.8               | 20.7      | 20.6   | 20.05           |                       | 45.1                                | -559.5       | 549.5                  | 508.3                   | 41.14                     | 13.357             |          |
| 5,900.0                                                                                     | 5,899.2               | 5,865.5               | 5,853.4               | 21.1      | 20.9   | 20.42           |                       | 46.6                                | -568.1       | 550.6                  | 508.8                   | 41.83                     | 13.165             |          |
| 6,000.0                                                                                     | 5,998.9               | 5,965.5               | 5,952.9               | 21.4      | 21.3   | 20.78           |                       | 48.1                                | -576.7       | 551.8                  | 509.3                   | 42.52                     | 12.979             |          |
| 6,100.0                                                                                     | 6,098.6               | 6,065.4               | 6,052.5               | 21.7      | 21.6   | 21.14           |                       | 49.6                                | -585.3       | 553.0                  | 509.8                   | 43.21                     | 12.800             |          |
| 6,200.0                                                                                     | 6,198.2               | 6,165.3               | 6,152.0               | 22.1      | 22.0   | 21.50           |                       | 51.2                                | -593.8       | 554.3                  | 510.4                   | 43.90                     | 12.626             |          |
| 6,300.0                                                                                     | 6,297.9               | 6,265.3               | 6,251.6               | 22.4      | 22.3   | 21.86           |                       | 52.7                                | -602.4       | 555.5                  | 510.9                   | 44.59                     | 12.457             |          |
| 6,400.0                                                                                     | 6,397.6               | 6,365.2               | 6,351.1               | 22.8      | 22.7   | 22.21           |                       | 54.2                                | -611.0       | 556.8                  | 511.5                   | 45.29                     | 12.294             |          |
| 6,500.0                                                                                     | 6,497.3               | 6,465.1               | 6,450.7               | 23.1      | 23.1   | 22.57           |                       | 55.7                                | -619.6       | 558.1                  | 512.1                   | 45.98                     | 12.137             |          |
| 6,600.0                                                                                     | 6,597.0               | 6,565.1               | 6,550.2               | 23.4      | 23.4   | 22.92           |                       | 57.2                                | -628.2       | 559.4                  | 512.7                   | 46.68                     | 11.984             |          |
| 6,700.0                                                                                     | 6,696.6               | 6,665.0               | 6,649.8               | 23.8      | 23.8   | 23.27           |                       | 58.7                                | -636.7       | 560.8                  | 513.4                   | 47.38                     | 11.835             |          |
| 6,800.0                                                                                     | 6,796.3               | 6,764.9               | 6,749.3               | 24.1      | 24.1   | 23.62           |                       | 60.2                                | -645.3       | 562.1                  | 514.0                   | 48.08                     | 11.692             |          |
| 6,900.0                                                                                     | 6,896.0               | 6,864.9               | 6,848.9               | 24.5      | 24.5   | 23.97           |                       | 61.7                                | -653.9       | 563.5                  | 514.7                   | 48.78                     | 11.552             |          |
| 7,000.0                                                                                     | 6,995.7               | 6,964.8               | 6,948.4               | 24.8      | 24.9   | 24.31           |                       | 63.3                                | -662.5       | 564.9                  | 515.4                   | 49.48                     | 11.417             |          |
| 7,100.0                                                                                     | 7,095.3               | 7,064.7               | 7,048.0               | 25.1      | 25.2   | 24.66           |                       | 64.8                                | -671.0       | 566.3                  | 516.1                   | 50.18                     | 11.286             |          |
| 7,200.0                                                                                     | 7,195.0               | 7,164.7               | 7,147.5               | 25.5      | 25.6   | 25.00           |                       | 66.3                                | -679.6       | 567.8                  | 516.9                   | 50.88                     | 11.158             |          |
| 7,300.0                                                                                     | 7,294.7               | 7,264.6               | 7,247.1               | 25.8      | 25.9   | 25.34           |                       | 67.8                                | -688.2       | 569.2                  | 517.6                   | 51.58                     | 11.035             |          |
| 7,400.0                                                                                     | 7,394.4               | 7,364.5               | 7,346.6               | 26.2      | 26.3   | 25.68           |                       | 69.3                                | -696.8       | 570.7                  | 518.4                   | 52.29                     | 10.915             |          |
| 7,500.0                                                                                     | 7,494.1               | 7,464.4               | 7,446.2               | 26.5      | 26.6   | 26.02           |                       | 70.8                                | -705.4       | 572.2                  | 519.2                   | 52.99                     | 10.798             |          |
| 7,600.0                                                                                     | 7,593.7               | 7,564.4               | 7,545.7               | 26.9      | 27.0   | 26.35           |                       | 72.3                                | -713.9       | 573.7                  | 520.0                   | 53.70                     | 10.684             |          |
| 7,700.0                                                                                     | 7,693.4               | 7,664.3               | 7,645.3               | 27.2      | 27.4   | 26.69           |                       | 73.8                                | -722.5       | 575.3                  | 520.9                   | 54.40                     | 10.574             |          |
| 7,800.0                                                                                     | 7,793.1               | 7,764.2               | 7,744.8               | 27.6      | 27.7   | 27.02           |                       | 75.4                                | -731.1       | 576.8                  | 521.7                   | 55.11                     | 10.467             |          |
| 7,900.0                                                                                     | 7,892.8               | 7,864.2               | 7,844.4               | 27.9      | 28.1   | 27.35           |                       | 76.9                                | -739.7       | 578.4                  | 522.6                   | 55.82                     | 10.363             |          |
| 8,000.0                                                                                     | 7,992.4               | 7,964.1               | 7,943.9               | 28.3      | 28.4   | 27.68           |                       | 78.4                                | -748.2       | 580.0                  | 523.5                   | 56.52                     | 10.261             |          |
| 8,100.0                                                                                     | 8,092.1               | 8,064.0               | 8,043.5               | 28.6      | 28.8   | 28.00           |                       | 79.9                                | -756.8       | 581.6                  | 524.4                   | 57.23                     | 10.163             |          |
| 8,200.0                                                                                     | 8,191.8               | 8,164.0               | 8,143.1               | 29.0      | 29.2   | 28.33           |                       | 81.4                                | -765.4       | 583.3                  | 525.3                   | 57.94                     | 10.067             |          |
| 8,300.0                                                                                     | 8,291.5               | 8,263.9               | 8,242.6               | 29.3      | 29.5   | 28.65           |                       | 82.9                                | -774.0       | 584.9                  | 526.3                   | 58.65                     | 9.973              |          |
| 8,400.0                                                                                     | 8,391.2               | 8,363.8               | 8,342.2               | 29.7      | 29.9   | 28.97           |                       | 84.4                                | -782.6       | 586.6                  | 527.2                   | 59.36                     | 9.882              |          |
| 8,500.0                                                                                     | 8,490.8               | 8,463.8               | 8,441.7               | 30.0      | 30.2   | 29.29           |                       | 85.9                                | -791.1       | 588.3                  | 528.2                   | 60.07                     | 9.793              |          |
| 8,600.0                                                                                     | 8,590.5               | 8,563.7               | 8,541.3               | 30.4      | 30.6   | 29.61           |                       | 87.5                                | -799.7       | 590.0                  | 529.2                   | 60.78                     | 9.707              |          |
| 8,700.0                                                                                     | 8,690.2               | 8,663.6               | 8,640.8               | 30.7      | 31.0   | 29.92           |                       | 89.0                                | -808.3       | 591.7                  | 530.2                   | 61.49                     | 9.623              |          |
| 8,800.0                                                                                     | 8,789.9               | 8,763.6               | 8,740.4               | 31.1      | 31.3   | 30.24           |                       | 90.5                                | -816.9       | 593.5                  | 531.3                   | 62.20                     | 9.541              |          |
| 8,900.0                                                                                     | 8,889.5               | 8,863.5               | 8,839.9               | 31.4      | 31.7   | 30.55           |                       | 92.0                                | -825.4       | 595.2                  | 532.3                   | 62.92                     | 9.461              |          |
| 9,000.0                                                                                     | 8,989.2               | 8,963.4               | 8,939.5               | 31.8      | 32.1   | 30.86           |                       | 93.5                                | -834.0       | 597.0                  | 533.4                   | 63.63                     | 9.383              |          |
| 9,100.0                                                                                     | 9,088.9               | 9,063.4               | 9,039.0               | 32.1      | 32.4   | 31.17           |                       | 95.0                                | -842.6       | 598.8                  | 534.5                   | 64.34                     | 9.307              |          |
| 9,200.0                                                                                     | 9,188.6               | 9,163.3               | 9,138.6               | 32.5      | 32.8   | 31.47           |                       | 96.5                                | -851.2       | 600.6                  | 535.6                   | 65.06                     | 9.233              |          |
| 9,300.0                                                                                     | 9,288.3               | 9,263.2               | 9,238.1               | 32.8      | 33.1   | 31.78           |                       | 98.0                                | -859.7       | 602.5                  | 536.7                   | 65.77                     | 9.160              |          |
| 9,400.0                                                                                     | 9,387.9               | 9,363.2               | 9,337.7               | 33.2      | 33.5   | 32.08           |                       | 99.6                                | -868.3       | 604.3                  | 537.8                   | 66.48                     | 9.090              |          |
| 9,500.0                                                                                     | 9,487.6               | 9,463.1               | 9,437.2               | 33.5      | 33.9   | 32.38           |                       | 101.1                               | -876.9       | 606.2                  | 539.0                   | 67.20                     | 9.021              |          |
| 9,600.0                                                                                     | 9,587.3               | 9,563.0               | 9,536.8               | 33.9      | 34.2   | 32.68           |                       | 102.6                               | -885.5       | 608.1                  | 540.2                   | 67.91                     | 8.954              |          |
| 9,700.0                                                                                     | 9,687.0               | 9,663.0               | 9,636.3               | 34.2      | 34.6   | 32.98           |                       | 104.1                               | -894.1       | 610.0                  | 541.3                   | 68.63                     | 8.888              |          |
| 9,800.0                                                                                     | 9,786.6               | 9,762.9               | 9,735.9               | 34.6      | 34.9   | 33.27           |                       | 105.6                               | -902.6       | 611.9                  | 542.6                   | 69.34                     | 8.824              |          |
| 9,900.0                                                                                     | 9,886.3               | 9,862.8               | 9,835.4               | 34.9      | 35.3   | 33.56           |                       | 107.1                               | -911.2       | 613.8                  | 543.8                   | 70.06                     | 8.761              |          |

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 WEST                    | <b>Local Co-ordinate Reference:</b> | Well CABO WABO FED COM #702H     |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)                  | <b>TVD Reference:</b>               | KB=27' @ 3173.0usft (Nabors 893) |
| <b>Reference Site:</b>    | CABO WABO FEDERAL PROJECT (ATLAS 2529) | <b>MD Reference:</b>                | KB=27' @ 3173.0usft (Nabors 893) |
| <b>Site Error:</b>        | 3.0 usft                               | <b>North Reference:</b>             | Grid                             |
| <b>Reference Well:</b>    | CABO WABO FED COM #702H                | <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 CABO WABO FEDERAL PROJECT (ATLAS 2529) - CABO WABO FED COM #803H - OWB - PWP0 |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           | Offset Site Error: | 3.0 usft |
|---------------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|--------------------|----------|
| Survey Program: 0-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  |
| 10,000.0                                                                                    | 9,986.0               | 9,962.7               | 9,935.0               | 35.3             | 35.7          | 33.86                 | 108.6                               | -919.8       | 615.8                  | 545.0                   | 70.78                     | 8.700              |          |
| 10,100.0                                                                                    | 10,085.7              | 10,062.7              | 10,034.5              | 35.7             | 36.0          | 34.15                 | 110.1                               | -928.4       | 617.7                  | 546.2                   | 71.49                     | 8.641              |          |
| 10,197.9                                                                                    | 10,183.3              | 10,160.6              | 10,132.0              | 36.0             | 36.4          | 34.43                 | 111.6                               | -936.8       | 619.7                  | 547.5                   | 72.20                     | 8.583              |          |
| 10,200.0                                                                                    | 10,185.4              | 10,162.6              | 10,134.1              | 36.0             | 36.4          | 36.88                 | 111.7                               | -936.9       | 619.7                  | 547.5                   | 72.21                     | 8.582              |          |
| 10,250.0                                                                                    | 10,235.1              | 10,212.4              | 10,183.7              | 36.2             | 36.6          | 74.95                 | 112.4                               | -941.2       | 621.5                  | 549.0                   | 72.57                     | 8.565 SF           |          |
| 10,300.0                                                                                    | 10,284.3              | 10,261.7              | 10,232.8              | 36.4             | 36.8          | 88.86                 | 113.2                               | -945.4       | 624.9                  | 552.0                   | 72.92                     | 8.570              |          |
| 10,350.0                                                                                    | 10,332.7              | 10,310.0              | 10,280.9              | 36.5             | 36.9          | 95.54                 | 113.9                               | -949.6       | 629.9                  | 556.6                   | 73.27                     | 8.597              |          |
| 10,400.0                                                                                    | 10,379.8              | 10,357.1              | 10,327.8              | 36.7             | 37.1          | 99.62                 | 114.6                               | -953.6       | 636.8                  | 563.2                   | 73.61                     | 8.651              |          |
| 10,450.0                                                                                    | 10,425.4              | 10,402.4              | 10,373.0              | 36.8             | 37.3          | 102.48                | 115.3                               | -957.5       | 645.7                  | 571.8                   | 73.94                     | 8.733              |          |
| 10,500.0                                                                                    | 10,469.1              | 10,445.8              | 10,416.2              | 37.0             | 37.4          | 104.64                | 115.9                               | -961.3       | 657.0                  | 582.7                   | 74.26                     | 8.847              |          |
| 10,550.0                                                                                    | 10,510.4              | 10,486.9              | 10,457.1              | 37.1             | 37.6          | 106.27                | 116.6                               | -964.8       | 670.7                  | 596.1                   | 74.57                     | 8.994              |          |
| 10,600.0                                                                                    | 10,549.2              | 10,525.3              | 10,495.4              | 37.3             | 37.7          | 107.43                | 117.1                               | -968.1       | 687.1                  | 612.3                   | 74.86                     | 9.179              |          |
| 10,650.0                                                                                    | 10,585.2              | 10,560.8              | 10,530.8              | 37.4             | 37.8          | 108.12                | 117.7                               | -971.1       | 706.4                  | 631.3                   | 75.13                     | 9.403              |          |
| 10,700.0                                                                                    | 10,618.0              | 10,593.1              | 10,562.9              | 37.5             | 38.0          | 108.30                | 118.2                               | -973.9       | 728.6                  | 653.2                   | 75.38                     | 9.666              |          |
| 10,750.0                                                                                    | 10,647.3              | 10,621.9              | 10,591.6              | 37.6             | 38.1          | 107.91                | 118.6                               | -976.4       | 753.8                  | 678.2                   | 75.60                     | 9.970              |          |
| 10,800.0                                                                                    | 10,673.1              | 10,647.1              | 10,616.7              | 37.7             | 38.1          | 106.86                | 119.0                               | -978.5       | 781.8                  | 706.0                   | 75.80                     | 10.314             |          |
| 10,850.0                                                                                    | 10,695.1              | 10,668.4              | 10,637.9              | 37.8             | 38.2          | 105.06                | 119.3                               | -980.4       | 812.5                  | 736.5                   | 75.97                     | 10.695             |          |
| 10,900.0                                                                                    | 10,713.0              | 10,685.7              | 10,655.2              | 37.9             | 38.3          | 102.43                | 119.6                               | -981.8       | 845.7                  | 769.6                   | 76.11                     | 11.111             |          |
| 10,950.0                                                                                    | 10,726.9              | 10,698.8              | 10,668.2              | 38.0             | 38.3          | 98.84                 | 119.8                               | -983.0       | 881.1                  | 804.9                   | 76.23                     | 11.559             |          |
| 11,000.0                                                                                    | 10,736.5              | 10,707.7              | 10,677.1              | 38.1             | 38.4          | 94.24                 | 119.9                               | -983.7       | 918.4                  | 842.1                   | 76.31                     | 12.035             |          |
| 11,050.0                                                                                    | 10,741.8              | 10,712.2              | 10,681.6              | 38.2             | 38.4          | 88.59                 | 120.0                               | -984.1       | 957.2                  | 880.9                   | 76.37                     | 12.534             |          |
| 11,085.7                                                                                    | 10,743.0              | 10,712.8              | 10,682.2              | 38.2             | 38.4          | 83.95                 | 120.0                               | -984.2       | 985.7                  | 909.3                   | 76.39                     | 12.902             |          |
| 11,100.0                                                                                    | 10,743.0              | 10,712.6              | 10,682.0              | 38.2             | 38.4          | 83.93                 | 120.0                               | -984.2       | 997.2                  | 920.8                   | 76.40                     | 13.052             |          |

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 WEST                    | <b>Local Co-ordinate Reference:</b> | Well CABO WABO FED COM #702H     |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)                  | <b>TVD Reference:</b>               | KB=27' @ 3173.0usft (Nabors 893) |
| <b>Reference Site:</b>    | CABO WABO FEDERAL PROJECT (ATLAS 2529) | <b>MD Reference:</b>                | KB=27' @ 3173.0usft (Nabors 893) |
| <b>Site Error:</b>        | 3.0 usft                               | <b>North Reference:</b>             | Grid                             |
| <b>Reference Well:</b>    | CABO WABO FED COM #702H                | <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=27' @ 3173.0usft (Nabors 893)

Offset Depths are relative to Offset Datum

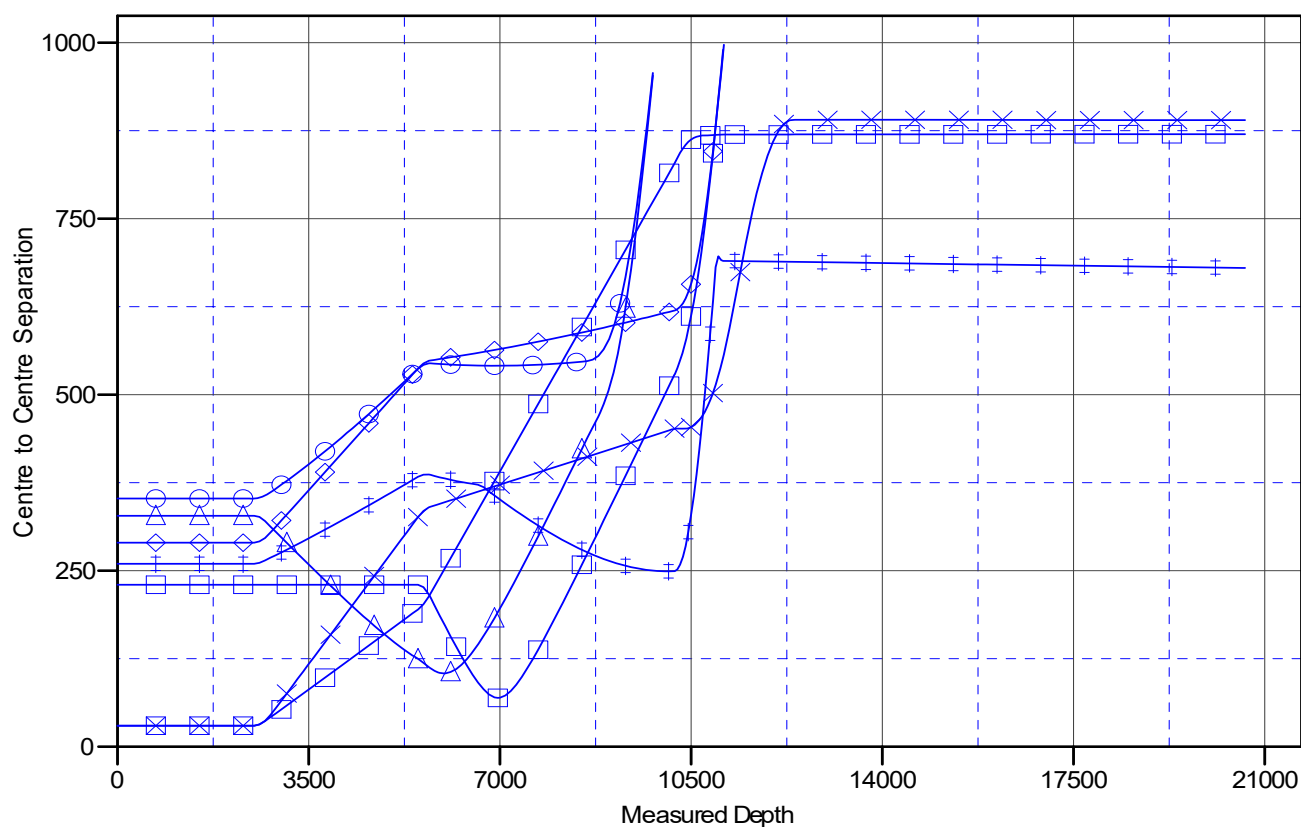
Central Meridian is 104° 20' 0.000 W

Coordinates are relative to: CABO WABO FED COM #702H

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

Grid Convergence at Surface is: 0.21°

## Ladder Plot



## LEGEND

|  |                                       |  |                                       |  |                                       |
|--|---------------------------------------|--|---------------------------------------|--|---------------------------------------|
|  | CABO WABO FED COM #703H, OWB, PWP1 V0 |  | CABO WABO FED COM #802H, OWB, PWP0 V0 |  | CABO WABO FED COM #803H, OWB, PWP0 V0 |
|  | CABO WABO FED COM #804H, OWB, PWP0 V0 |  | CABO WABO FED COM #805H, OWB, PWP0 V0 |  | CABO WABO FED COM #806H, OWB, PWP0 V0 |
|  | CABO WABO FED COM #701H, OWB, PWP1 V0 |  | CABO WABO FED COM #807H, OWB, PWP0 V0 |  | CABO WABO FED COM #808H, OWB, PWP0 V0 |

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 WEST                    | <b>Local Co-ordinate Reference:</b> | Well CABO WABO FED COM #702H     |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)                  | <b>TVD Reference:</b>               | KB=27' @ 3173.0usft (Nabors 893) |
| <b>Reference Site:</b>    | CABO WABO FEDERAL PROJECT (ATLAS 2529) | <b>MD Reference:</b>                | KB=27' @ 3173.0usft (Nabors 893) |
| <b>Site Error:</b>        | 3.0 usft                               | <b>North Reference:</b>             | Grid                             |
| <b>Reference Well:</b>    | CABO WABO FED COM #702H                | <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=27' @ 3173.0usft (Nabors 893)

Offset Depths are relative to Offset Datum

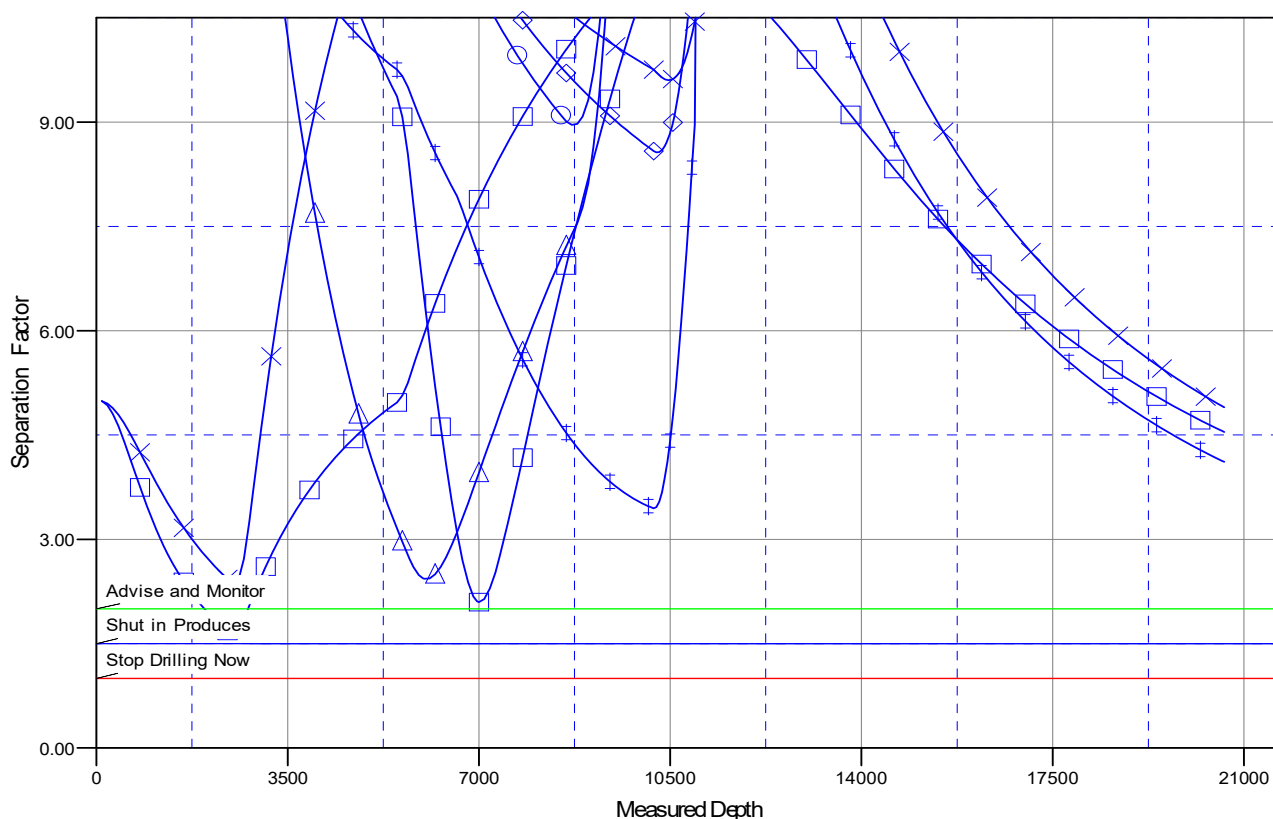
Central Meridian is 104° 20' 0.000 W

Coordinates are relative to: CABO WABO FED COM #702H

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

Grid Convergence at Surface is: 0.21°

## Separation Factor Plot



## LEGEND



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

# **DELAWARE BASIN WEST**

**ATLAS PROSPECT (NM-E)**

**CABO WABO FEDERAL PROJECT (ATLAS 2529)**

**CABO WABO FED COM #702H**

**OWB**

**Plan: PWP2**

## **Standard Survey Report**

**26 May, 2020**

## Concho Resources LLC

## Survey Report

|                  |                                        |                                     |                                  |
|------------------|----------------------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>  | DELAWARE BASIN WEST                    | <b>Local Co-ordinate Reference:</b> | Well CABO WABO FED COM #702H     |
| <b>Project:</b>  | ATLAS PROSPECT (NM-E)                  | <b>TVD Reference:</b>               | KB=27' @ 3173.0usft (Nabors 893) |
| <b>Site:</b>     | CABO WABO FEDERAL PROJECT (ATLAS 2529) | <b>MD Reference:</b>                | KB=27' @ 3173.0usft (Nabors 893) |
| <b>Well:</b>     | CABO WABO FED COM #702H                | <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>     | ATLAS 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>                 | CABO WABO FED COM #702H |          |                            |                   |
| <b>Well Position</b>        | <b>+N/-S</b>            | 0.0 usft | <b>Northing:</b>           | 408,376.09 usft   |
|                             | <b>+E/-W</b>            | 0.0 usft | <b>Easting:</b>            | 624,295.45 usft   |
| <b>Position Uncertainty</b> |                         | 3.0 usft | <b>Wellhead Elevation:</b> | usft              |
|                             |                         |          | <b>Latitude:</b>           | 32° 7' 19.581 N   |
|                             |                         |          | <b>Longitude:</b>          | 103° 55' 54.631 W |
|                             |                         |          | <b>Ground Level:</b>       | 3,146.0 usft      |

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

| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
|-----------|------------|-------------|-----------------|---------------|---------------------|
|           | IGRF2020   | 5/19/2020   | 6.83            | 59.79         | 47,509.70573539     |

|               |      |
|---------------|------|
| <b>Design</b> | PWP2 |
|---------------|------|

|                   |                            |                 |                 |                  |
|-------------------|----------------------------|-----------------|-----------------|------------------|
| Audit Notes:      |                            |                 |                 |                  |
| Version:          | Phase:                     | PLAN            | Tie On Depth:   | 0.0              |
| Vertical Section: | Depth From (TVD)<br>(usft) | +N/-S<br>(usft) | +E/-W<br>(usft) | Direction<br>(°) |
|                   | 0.0                        | 0.0             | 0.0             | 181.87           |

| Survey Tool Program |              | Date              | 5/26/2020     |                                   |  |
|---------------------|--------------|-------------------|---------------|-----------------------------------|--|
| From<br>(usft)      | To<br>(usft) | Survey (Wellbore) | Tool Name     | Description                       |  |
| 0.0                 | 20,639.0     | PWP2 (OWB)        | MWD+IFR1+FDIR | OWSG MWD + IFR1 + FDIR Correction |  |

| 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) |
| 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                  |
| 1,400.0               | 0.00            | 0.00        | 1,400.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |

## Concho Resources LLC

## Survey Report

|                  |                                        |                                     |                                  |
|------------------|----------------------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>  | DELAWARE BASIN WEST                    | <b>Local Co-ordinate Reference:</b> | Well CABO WABO FED COM #702H     |
| <b>Project:</b>  | ATLAS PROSPECT (NM-E)                  | <b>TVD Reference:</b>               | KB=27' @ 3173.0usft (Nabors 893) |
| <b>Site:</b>     | CABO WABO FEDERAL PROJECT (ATLAS 2529) | <b>MD Reference:</b>                | KB=27' @ 3173.0usft (Nabors 893) |
| <b>Well:</b>     | CABO WABO FED COM #702H                | <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) |
| 1,500.0               | 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                  |
| Start Build 2.00      |                 |             |                       |              |              |                         |                         |                        |                       |

## Concho Resources LLC

## Survey Report

|                  |                                        |                                     |                                  |
|------------------|----------------------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>  | DELAWARE BASIN WEST                    | <b>Local Co-ordinate Reference:</b> | Well CABO WABO FED COM #702H     |
| <b>Project:</b>  | ATLAS PROSPECT (NM-E)                  | <b>TVD Reference:</b>               | KB=27' @ 3173.0usft (Nabors 893) |
| <b>Site:</b>     | CABO WABO FEDERAL PROJECT (ATLAS 2529) | <b>MD Reference:</b>                | KB=27' @ 3173.0usft (Nabors 893) |
| <b>Well:</b>     | CABO WABO FED COM #702H                | <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) |
|---------------------------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 5,600.0                               | 2.00            | 255.00      | 5,600.0               | -0.5         | -1.7         | 0.5                     | 2.00                    | 2.00                   | 0.00                  |
| 5,700.0                               | 4.00            | 255.00      | 5,699.8               | -1.8         | -6.7         | 2.0                     | 2.00                    | 2.00                   | 0.00                  |
| 5,730.0                               | 4.60            | 255.00      | 5,729.8               | -2.4         | -8.9         | 2.7                     | 2.00                    | 2.00                   | 0.00                  |
| <b>Start 4467.9 hold at 5730.0 MD</b> |                 |             |                       |              |              |                         |                         |                        |                       |
| 5,800.0                               | 4.60            | 255.00      | 5,799.5               | -3.8         | -14.3        | 4.3                     | 0.00                    | 0.00                   | 0.00                  |
| 5,900.0                               | 4.60            | 255.00      | 5,899.2               | -5.9         | -22.1        | 6.6                     | 0.00                    | 0.00                   | 0.00                  |
| 6,000.0                               | 4.60            | 255.00      | 5,998.9               | -8.0         | -29.8        | 9.0                     | 0.00                    | 0.00                   | 0.00                  |
| 6,100.0                               | 4.60            | 255.00      | 6,098.6               | -10.1        | -37.6        | 11.3                    | 0.00                    | 0.00                   | 0.00                  |
| 6,200.0                               | 4.60            | 255.00      | 6,198.2               | -12.1        | -45.3        | 13.6                    | 0.00                    | 0.00                   | 0.00                  |
| 6,300.0                               | 4.60            | 255.00      | 6,297.9               | -14.2        | -53.1        | 15.9                    | 0.00                    | 0.00                   | 0.00                  |
| 6,400.0                               | 4.60            | 255.00      | 6,397.6               | -16.3        | -60.8        | 18.3                    | 0.00                    | 0.00                   | 0.00                  |
| 6,500.0                               | 4.60            | 255.00      | 6,497.3               | -18.4        | -68.6        | 20.6                    | 0.00                    | 0.00                   | 0.00                  |
| 6,600.0                               | 4.60            | 255.00      | 6,597.0               | -20.4        | -76.3        | 22.9                    | 0.00                    | 0.00                   | 0.00                  |
| 6,700.0                               | 4.60            | 255.00      | 6,696.6               | -22.5        | -84.1        | 25.3                    | 0.00                    | 0.00                   | 0.00                  |
| 6,800.0                               | 4.60            | 255.00      | 6,796.3               | -24.6        | -91.8        | 27.6                    | 0.00                    | 0.00                   | 0.00                  |
| 6,900.0                               | 4.60            | 255.00      | 6,896.0               | -26.7        | -99.5        | 29.9                    | 0.00                    | 0.00                   | 0.00                  |
| 7,000.0                               | 4.60            | 255.00      | 6,995.7               | -28.7        | -107.3       | 32.2                    | 0.00                    | 0.00                   | 0.00                  |
| 7,100.0                               | 4.60            | 255.00      | 7,095.3               | -30.8        | -115.0       | 34.6                    | 0.00                    | 0.00                   | 0.00                  |
| 7,200.0                               | 4.60            | 255.00      | 7,195.0               | -32.9        | -122.8       | 36.9                    | 0.00                    | 0.00                   | 0.00                  |
| 7,300.0                               | 4.60            | 255.00      | 7,294.7               | -35.0        | -130.5       | 39.2                    | 0.00                    | 0.00                   | 0.00                  |
| 7,400.0                               | 4.60            | 255.00      | 7,394.4               | -37.1        | -138.3       | 41.5                    | 0.00                    | 0.00                   | 0.00                  |
| 7,500.0                               | 4.60            | 255.00      | 7,494.1               | -39.1        | -146.0       | 43.9                    | 0.00                    | 0.00                   | 0.00                  |
| 7,600.0                               | 4.60            | 255.00      | 7,593.7               | -41.2        | -153.8       | 46.2                    | 0.00                    | 0.00                   | 0.00                  |
| 7,700.0                               | 4.60            | 255.00      | 7,693.4               | -43.3        | -161.5       | 48.5                    | 0.00                    | 0.00                   | 0.00                  |
| 7,800.0                               | 4.60            | 255.00      | 7,793.1               | -45.4        | -169.3       | 50.9                    | 0.00                    | 0.00                   | 0.00                  |
| 7,900.0                               | 4.60            | 255.00      | 7,892.8               | -47.4        | -177.0       | 53.2                    | 0.00                    | 0.00                   | 0.00                  |
| 8,000.0                               | 4.60            | 255.00      | 7,992.4               | -49.5        | -184.8       | 55.5                    | 0.00                    | 0.00                   | 0.00                  |
| 8,100.0                               | 4.60            | 255.00      | 8,092.1               | -51.6        | -192.5       | 57.8                    | 0.00                    | 0.00                   | 0.00                  |
| 8,200.0                               | 4.60            | 255.00      | 8,191.8               | -53.7        | -200.3       | 60.2                    | 0.00                    | 0.00                   | 0.00                  |
| 8,300.0                               | 4.60            | 255.00      | 8,291.5               | -55.7        | -208.0       | 62.5                    | 0.00                    | 0.00                   | 0.00                  |
| 8,400.0                               | 4.60            | 255.00      | 8,391.2               | -57.8        | -215.7       | 64.8                    | 0.00                    | 0.00                   | 0.00                  |
| 8,500.0                               | 4.60            | 255.00      | 8,490.8               | -59.9        | -223.5       | 67.1                    | 0.00                    | 0.00                   | 0.00                  |
| 8,600.0                               | 4.60            | 255.00      | 8,590.5               | -62.0        | -231.2       | 69.5                    | 0.00                    | 0.00                   | 0.00                  |
| 8,700.0                               | 4.60            | 255.00      | 8,690.2               | -64.0        | -239.0       | 71.8                    | 0.00                    | 0.00                   | 0.00                  |
| 8,800.0                               | 4.60            | 255.00      | 8,789.9               | -66.1        | -246.7       | 74.1                    | 0.00                    | 0.00                   | 0.00                  |
| 8,900.0                               | 4.60            | 255.00      | 8,889.5               | -68.2        | -254.5       | 76.5                    | 0.00                    | 0.00                   | 0.00                  |
| 9,000.0                               | 4.60            | 255.00      | 8,989.2               | -70.3        | -262.2       | 78.8                    | 0.00                    | 0.00                   | 0.00                  |
| 9,100.0                               | 4.60            | 255.00      | 9,088.9               | -72.3        | -270.0       | 81.1                    | 0.00                    | 0.00                   | 0.00                  |
| 9,200.0                               | 4.60            | 255.00      | 9,188.6               | -74.4        | -277.7       | 83.4                    | 0.00                    | 0.00                   | 0.00                  |
| 9,300.0                               | 4.60            | 255.00      | 9,288.3               | -76.5        | -285.5       | 85.8                    | 0.00                    | 0.00                   | 0.00                  |
| 9,400.0                               | 4.60            | 255.00      | 9,387.9               | -78.6        | -293.2       | 88.1                    | 0.00                    | 0.00                   | 0.00                  |
| 9,500.0                               | 4.60            | 255.00      | 9,487.6               | -80.6        | -301.0       | 90.4                    | 0.00                    | 0.00                   | 0.00                  |
| 9,600.0                               | 4.60            | 255.00      | 9,587.3               | -82.7        | -308.7       | 92.7                    | 0.00                    | 0.00                   | 0.00                  |

## Concho Resources LLC

## Survey Report

|                  |                                        |                                     |                                  |
|------------------|----------------------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>  | DELAWARE BASIN WEST                    | <b>Local Co-ordinate Reference:</b> | Well CABO WABO FED COM #702H     |
| <b>Project:</b>  | ATLAS PROSPECT (NM-E)                  | <b>TVD Reference:</b>               | KB=27' @ 3173.0usft (Nabors 893) |
| <b>Site:</b>     | CABO WABO FEDERAL PROJECT (ATLAS 2529) | <b>MD Reference:</b>                | KB=27' @ 3173.0usft (Nabors 893) |
| <b>Well:</b>     | CABO WABO FED COM #702H                | <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) |
| 9,700.0                                | 4.60            | 255.00      | 9,687.0               | -84.8        | -316.5       | 95.1                    | 0.00                    | 0.00                   | 0.00                  |
| 9,800.0                                | 4.60            | 255.00      | 9,786.6               | -86.9        | -324.2       | 97.4                    | 0.00                    | 0.00                   | 0.00                  |
| 9,900.0                                | 4.60            | 255.00      | 9,886.3               | -88.9        | -331.9       | 99.7                    | 0.00                    | 0.00                   | 0.00                  |
| 10,000.0                               | 4.60            | 255.00      | 9,986.0               | -91.0        | -339.7       | 102.1                   | 0.00                    | 0.00                   | 0.00                  |
| 10,100.0                               | 4.60            | 255.00      | 10,085.7              | -93.1        | -347.4       | 104.4                   | 0.00                    | 0.00                   | 0.00                  |
| 10,197.9                               | 4.60            | 255.00      | 10,183.3              | -95.1        | -355.0       | 106.7                   | 0.00                    | 0.00                   | 0.00                  |
| <b>Start DLS 10.00 TFO -75.42</b>      |                 |             |                       |              |              |                         |                         |                        |                       |
| 10,200.0                               | 4.66            | 252.54      | 10,185.4              | -95.2        | -355.2       | 106.7                   | 10.00                   | 2.72                   | -119.26               |
| 10,300.0                               | 12.20           | 200.74      | 10,284.3              | -106.3       | -362.8       | 118.1                   | 10.00                   | 7.54                   | -51.80                |
| 10,400.0                               | 21.80           | 190.85      | 10,379.8              | -134.5       | -370.1       | 146.5                   | 10.00                   | 9.61                   | -9.89                 |
| 10,500.0                               | 31.65           | 186.88      | 10,469.1              | -178.9       | -376.7       | 191.1                   | 10.00                   | 9.84                   | -3.97                 |
| 10,600.0                               | 41.56           | 184.66      | 10,549.2              | -238.1       | -382.6       | 250.5                   | 10.00                   | 9.91                   | -2.22                 |
| 10,700.0                               | 51.50           | 183.18      | 10,618.0              | -310.5       | -387.5       | 322.9                   | 10.00                   | 9.94                   | -1.49                 |
| 10,800.0                               | 61.46           | 182.05      | 10,673.1              | -393.6       | -391.2       | 406.2                   | 10.00                   | 9.96                   | -1.12                 |
| 10,900.0                               | 71.42           | 181.13      | 10,713.0              | -485.2       | -393.7       | 497.7                   | 10.00                   | 9.96                   | -0.93                 |
| 11,000.0                               | 81.39           | 180.30      | 10,736.5              | -582.2       | -394.9       | 594.8                   | 10.00                   | 9.97                   | -0.82                 |
| 11,085.7                               | 89.94           | 179.63      | 10,743.0              | -667.6       | -394.9       | 680.2                   | 10.00                   | 9.97                   | -0.78                 |
| <b>Start 9553.7 hold at 11085.7 MD</b> |                 |             |                       |              |              |                         |                         |                        |                       |
| 11,100.0                               | 89.94           | 179.63      | 10,743.0              | -681.9       | -394.8       | 694.4                   | 0.00                    | 0.00                   | 0.00                  |
| 11,200.0                               | 89.94           | 179.63      | 10,743.1              | -781.9       | -394.1       | 794.3                   | 0.00                    | 0.00                   | 0.00                  |
| 11,300.0                               | 89.94           | 179.63      | 10,743.2              | -881.9       | -393.5       | 894.3                   | 0.00                    | 0.00                   | 0.00                  |
| 11,400.0                               | 89.94           | 179.63      | 10,743.3              | -981.9       | -392.9       | 994.2                   | 0.00                    | 0.00                   | 0.00                  |
| 11,500.0                               | 89.94           | 179.63      | 10,743.4              | -1,081.9     | -392.2       | 1,094.1                 | 0.00                    | 0.00                   | 0.00                  |
| 11,600.0                               | 89.94           | 179.63      | 10,743.5              | -1,181.9     | -391.6       | 1,194.0                 | 0.00                    | 0.00                   | 0.00                  |
| 11,700.0                               | 89.94           | 179.63      | 10,743.6              | -1,281.9     | -390.9       | 1,294.0                 | 0.00                    | 0.00                   | 0.00                  |
| 11,800.0                               | 89.94           | 179.63      | 10,743.7              | -1,381.9     | -390.3       | 1,393.9                 | 0.00                    | 0.00                   | 0.00                  |
| 11,900.0                               | 89.94           | 179.63      | 10,743.8              | -1,481.9     | -389.6       | 1,493.8                 | 0.00                    | 0.00                   | 0.00                  |
| 12,000.0                               | 89.94           | 179.63      | 10,743.9              | -1,581.9     | -389.0       | 1,593.7                 | 0.00                    | 0.00                   | 0.00                  |
| 12,100.0                               | 89.94           | 179.63      | 10,744.0              | -1,681.9     | -388.4       | 1,693.7                 | 0.00                    | 0.00                   | 0.00                  |
| 12,200.0                               | 89.94           | 179.63      | 10,744.1              | -1,781.9     | -387.7       | 1,793.6                 | 0.00                    | 0.00                   | 0.00                  |
| 12,300.0                               | 89.94           | 179.63      | 10,744.2              | -1,881.9     | -387.1       | 1,893.5                 | 0.00                    | 0.00                   | 0.00                  |
| 12,400.0                               | 89.94           | 179.63      | 10,744.3              | -1,981.9     | -386.4       | 1,993.4                 | 0.00                    | 0.00                   | 0.00                  |
| 12,500.0                               | 89.94           | 179.63      | 10,744.4              | -2,081.9     | -385.8       | 2,093.4                 | 0.00                    | 0.00                   | 0.00                  |
| 12,600.0                               | 89.94           | 179.63      | 10,744.6              | -2,181.9     | -385.2       | 2,193.3                 | 0.00                    | 0.00                   | 0.00                  |
| 12,700.0                               | 89.94           | 179.63      | 10,744.7              | -2,281.9     | -384.5       | 2,293.2                 | 0.00                    | 0.00                   | 0.00                  |
| 12,800.0                               | 89.94           | 179.63      | 10,744.8              | -2,381.9     | -383.9       | 2,393.1                 | 0.00                    | 0.00                   | 0.00                  |
| 12,900.0                               | 89.94           | 179.63      | 10,744.9              | -2,481.9     | -383.2       | 2,493.0                 | 0.00                    | 0.00                   | 0.00                  |
| 13,000.0                               | 89.94           | 179.63      | 10,745.0              | -2,581.9     | -382.6       | 2,593.0                 | 0.00                    | 0.00                   | 0.00                  |
| 13,100.0                               | 89.94           | 179.63      | 10,745.1              | -2,681.9     | -381.9       | 2,692.9                 | 0.00                    | 0.00                   | 0.00                  |
| 13,200.0                               | 89.94           | 179.63      | 10,745.2              | -2,781.9     | -381.3       | 2,792.8                 | 0.00                    | 0.00                   | 0.00                  |
| 13,300.0                               | 89.94           | 179.63      | 10,745.3              | -2,881.9     | -380.7       | 2,892.7                 | 0.00                    | 0.00                   | 0.00                  |
| 13,400.0                               | 89.94           | 179.63      | 10,745.4              | -2,981.9     | -380.0       | 2,992.7                 | 0.00                    | 0.00                   | 0.00                  |
| 13,500.0                               | 89.94           | 179.63      | 10,745.5              | -3,081.9     | -379.4       | 3,092.6                 | 0.00                    | 0.00                   | 0.00                  |

## Concho Resources LLC

## Survey Report

|                  |                                        |                                     |                                  |
|------------------|----------------------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>  | DELAWARE BASIN WEST                    | <b>Local Co-ordinate Reference:</b> | Well CABO WABO FED COM #702H     |
| <b>Project:</b>  | ATLAS PROSPECT (NM-E)                  | <b>TVD Reference:</b>               | KB=27' @ 3173.0usft (Nabors 893) |
| <b>Site:</b>     | CABO WABO FEDERAL PROJECT (ATLAS 2529) | <b>MD Reference:</b>                | KB=27' @ 3173.0usft (Nabors 893) |
| <b>Well:</b>     | CABO WABO FED COM #702H                | <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) |
| 13,600.0              | 89.94           | 179.63      | 10,745.6              | -3,181.9     | -378.7       | 3,192.5                 | 0.00                    | 0.00                   | 0.00                  |
| 13,700.0              | 89.94           | 179.63      | 10,745.7              | -3,281.9     | -378.1       | 3,292.4                 | 0.00                    | 0.00                   | 0.00                  |
| 13,800.0              | 89.94           | 179.63      | 10,745.8              | -3,381.8     | -377.5       | 3,392.4                 | 0.00                    | 0.00                   | 0.00                  |
| 13,900.0              | 89.94           | 179.63      | 10,745.9              | -3,481.8     | -376.8       | 3,492.3                 | 0.00                    | 0.00                   | 0.00                  |
| 14,000.0              | 89.94           | 179.63      | 10,746.0              | -3,581.8     | -376.2       | 3,592.2                 | 0.00                    | 0.00                   | 0.00                  |
| 14,100.0              | 89.94           | 179.63      | 10,746.1              | -3,681.8     | -375.5       | 3,692.1                 | 0.00                    | 0.00                   | 0.00                  |
| 14,200.0              | 89.94           | 179.63      | 10,746.2              | -3,781.8     | -374.9       | 3,792.1                 | 0.00                    | 0.00                   | 0.00                  |
| 14,300.0              | 89.94           | 179.63      | 10,746.3              | -3,881.8     | -374.2       | 3,892.0                 | 0.00                    | 0.00                   | 0.00                  |
| 14,400.0              | 89.94           | 179.63      | 10,746.4              | -3,981.8     | -373.6       | 3,991.9                 | 0.00                    | 0.00                   | 0.00                  |
| 14,500.0              | 89.94           | 179.63      | 10,746.5              | -4,081.8     | -373.0       | 4,091.8                 | 0.00                    | 0.00                   | 0.00                  |
| 14,600.0              | 89.94           | 179.63      | 10,746.7              | -4,181.8     | -372.3       | 4,191.8                 | 0.00                    | 0.00                   | 0.00                  |
| 14,700.0              | 89.94           | 179.63      | 10,746.8              | -4,281.8     | -371.7       | 4,291.7                 | 0.00                    | 0.00                   | 0.00                  |
| 14,800.0              | 89.94           | 179.63      | 10,746.9              | -4,381.8     | -371.0       | 4,391.6                 | 0.00                    | 0.00                   | 0.00                  |
| 14,900.0              | 89.94           | 179.63      | 10,747.0              | -4,481.8     | -370.4       | 4,491.5                 | 0.00                    | 0.00                   | 0.00                  |
| 15,000.0              | 89.94           | 179.63      | 10,747.1              | -4,581.8     | -369.8       | 4,591.4                 | 0.00                    | 0.00                   | 0.00                  |
| 15,100.0              | 89.94           | 179.63      | 10,747.2              | -4,681.8     | -369.1       | 4,691.4                 | 0.00                    | 0.00                   | 0.00                  |
| 15,200.0              | 89.94           | 179.63      | 10,747.3              | -4,781.8     | -368.5       | 4,791.3                 | 0.00                    | 0.00                   | 0.00                  |
| 15,300.0              | 89.94           | 179.63      | 10,747.4              | -4,881.8     | -367.8       | 4,891.2                 | 0.00                    | 0.00                   | 0.00                  |
| 15,400.0              | 89.94           | 179.63      | 10,747.5              | -4,981.8     | -367.2       | 4,991.1                 | 0.00                    | 0.00                   | 0.00                  |
| 15,500.0              | 89.94           | 179.63      | 10,747.6              | -5,081.8     | -366.5       | 5,091.1                 | 0.00                    | 0.00                   | 0.00                  |
| 15,600.0              | 89.94           | 179.63      | 10,747.7              | -5,181.8     | -365.9       | 5,191.0                 | 0.00                    | 0.00                   | 0.00                  |
| 15,700.0              | 89.94           | 179.63      | 10,747.8              | -5,281.8     | -365.3       | 5,290.9                 | 0.00                    | 0.00                   | 0.00                  |
| 15,800.0              | 89.94           | 179.63      | 10,747.9              | -5,381.8     | -364.6       | 5,390.8                 | 0.00                    | 0.00                   | 0.00                  |
| 15,900.0              | 89.94           | 179.63      | 10,748.0              | -5,481.8     | -364.0       | 5,490.8                 | 0.00                    | 0.00                   | 0.00                  |
| 16,000.0              | 89.94           | 179.63      | 10,748.1              | -5,581.8     | -363.3       | 5,590.7                 | 0.00                    | 0.00                   | 0.00                  |
| 16,100.0              | 89.94           | 179.63      | 10,748.2              | -5,681.8     | -362.7       | 5,690.6                 | 0.00                    | 0.00                   | 0.00                  |
| 16,200.0              | 89.94           | 179.63      | 10,748.3              | -5,781.8     | -362.0       | 5,790.5                 | 0.00                    | 0.00                   | 0.00                  |
| 16,300.0              | 89.94           | 179.63      | 10,748.4              | -5,881.8     | -361.4       | 5,890.5                 | 0.00                    | 0.00                   | 0.00                  |
| 16,400.0              | 89.94           | 179.63      | 10,748.5              | -5,981.8     | -360.8       | 5,990.4                 | 0.00                    | 0.00                   | 0.00                  |
| 16,500.0              | 89.94           | 179.63      | 10,748.6              | -6,081.8     | -360.1       | 6,090.3                 | 0.00                    | 0.00                   | 0.00                  |
| 16,600.0              | 89.94           | 179.63      | 10,748.8              | -6,181.8     | -359.5       | 6,190.2                 | 0.00                    | 0.00                   | 0.00                  |
| 16,700.0              | 89.94           | 179.63      | 10,748.9              | -6,281.8     | -358.8       | 6,290.1                 | 0.00                    | 0.00                   | 0.00                  |
| 16,800.0              | 89.94           | 179.63      | 10,749.0              | -6,381.8     | -358.2       | 6,390.1                 | 0.00                    | 0.00                   | 0.00                  |
| 16,900.0              | 89.94           | 179.63      | 10,749.1              | -6,481.8     | -357.6       | 6,490.0                 | 0.00                    | 0.00                   | 0.00                  |
| 17,000.0              | 89.94           | 179.63      | 10,749.2              | -6,581.8     | -356.9       | 6,589.9                 | 0.00                    | 0.00                   | 0.00                  |
| 17,100.0              | 89.94           | 179.63      | 10,749.3              | -6,681.8     | -356.3       | 6,689.8                 | 0.00                    | 0.00                   | 0.00                  |
| 17,200.0              | 89.94           | 179.63      | 10,749.4              | -6,781.8     | -355.6       | 6,789.8                 | 0.00                    | 0.00                   | 0.00                  |
| 17,300.0              | 89.94           | 179.63      | 10,749.5              | -6,881.8     | -355.0       | 6,889.7                 | 0.00                    | 0.00                   | 0.00                  |
| 17,400.0              | 89.94           | 179.63      | 10,749.6              | -6,981.8     | -354.3       | 6,989.6                 | 0.00                    | 0.00                   | 0.00                  |
| 17,500.0              | 89.94           | 179.63      | 10,749.7              | -7,081.8     | -353.7       | 7,089.5                 | 0.00                    | 0.00                   | 0.00                  |
| 17,600.0              | 89.94           | 179.63      | 10,749.8              | -7,181.8     | -353.1       | 7,189.5                 | 0.00                    | 0.00                   | 0.00                  |
| 17,700.0              | 89.94           | 179.63      | 10,749.9              | -7,281.8     | -352.4       | 7,289.4                 | 0.00                    | 0.00                   | 0.00                  |



## Concho Resources LLC

## Survey Report

|                  |                                        |                                     |                                  |
|------------------|----------------------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>  | DELAWARE BASIN WEST                    | <b>Local Co-ordinate Reference:</b> | Well CABO WABO FED COM #702H     |
| <b>Project:</b>  | ATLAS PROSPECT (NM-E)                  | <b>TVD Reference:</b>               | KB=27' @ 3173.0usft (Nabors 893) |
| <b>Site:</b>     | CABO WABO FEDERAL PROJECT (ATLAS 2529) | <b>MD Reference:</b>                | KB=27' @ 3173.0usft (Nabors 893) |
| <b>Well:</b>     | CABO WABO FED COM #702H                | <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) |
| 17,800.0              | 89.94           | 179.63      | 10,750.0              | -7,381.8     | -351.8       | 7,389.3                 | 0.00                    | 0.00                   | 0.00                  |
| 17,900.0              | 89.94           | 179.63      | 10,750.1              | -7,481.8     | -351.1       | 7,489.2                 | 0.00                    | 0.00                   | 0.00                  |
| 18,000.0              | 89.94           | 179.63      | 10,750.2              | -7,581.8     | -350.5       | 7,589.2                 | 0.00                    | 0.00                   | 0.00                  |
| 18,100.0              | 89.94           | 179.63      | 10,750.3              | -7,681.8     | -349.9       | 7,689.1                 | 0.00                    | 0.00                   | 0.00                  |
| 18,200.0              | 89.94           | 179.63      | 10,750.4              | -7,781.8     | -349.2       | 7,789.0                 | 0.00                    | 0.00                   | 0.00                  |
| 18,300.0              | 89.94           | 179.63      | 10,750.5              | -7,881.8     | -348.6       | 7,888.9                 | 0.00                    | 0.00                   | 0.00                  |
| 18,400.0              | 89.94           | 179.63      | 10,750.6              | -7,981.8     | -347.9       | 7,988.9                 | 0.00                    | 0.00                   | 0.00                  |
| 18,500.0              | 89.94           | 179.63      | 10,750.8              | -8,081.7     | -347.3       | 8,088.8                 | 0.00                    | 0.00                   | 0.00                  |
| 18,600.0              | 89.94           | 179.63      | 10,750.9              | -8,181.7     | -346.6       | 8,188.7                 | 0.00                    | 0.00                   | 0.00                  |
| 18,700.0              | 89.94           | 179.63      | 10,751.0              | -8,281.7     | -346.0       | 8,288.6                 | 0.00                    | 0.00                   | 0.00                  |
| 18,800.0              | 89.94           | 179.63      | 10,751.1              | -8,381.7     | -345.4       | 8,388.5                 | 0.00                    | 0.00                   | 0.00                  |
| 18,900.0              | 89.94           | 179.63      | 10,751.2              | -8,481.7     | -344.7       | 8,488.5                 | 0.00                    | 0.00                   | 0.00                  |
| 19,000.0              | 89.94           | 179.63      | 10,751.3              | -8,581.7     | -344.1       | 8,588.4                 | 0.00                    | 0.00                   | 0.00                  |
| 19,100.0              | 89.94           | 179.63      | 10,751.4              | -8,681.7     | -343.4       | 8,688.3                 | 0.00                    | 0.00                   | 0.00                  |
| 19,200.0              | 89.94           | 179.63      | 10,751.5              | -8,781.7     | -342.8       | 8,788.2                 | 0.00                    | 0.00                   | 0.00                  |
| 19,300.0              | 89.94           | 179.63      | 10,751.6              | -8,881.7     | -342.1       | 8,888.2                 | 0.00                    | 0.00                   | 0.00                  |
| 19,400.0              | 89.94           | 179.63      | 10,751.7              | -8,981.7     | -341.5       | 8,988.1                 | 0.00                    | 0.00                   | 0.00                  |
| 19,500.0              | 89.94           | 179.63      | 10,751.8              | -9,081.7     | -340.9       | 9,088.0                 | 0.00                    | 0.00                   | 0.00                  |
| 19,600.0              | 89.94           | 179.63      | 10,751.9              | -9,181.7     | -340.2       | 9,187.9                 | 0.00                    | 0.00                   | 0.00                  |
| 19,700.0              | 89.94           | 179.63      | 10,752.0              | -9,281.7     | -339.6       | 9,287.9                 | 0.00                    | 0.00                   | 0.00                  |
| 19,800.0              | 89.94           | 179.63      | 10,752.1              | -9,381.7     | -338.9       | 9,387.8                 | 0.00                    | 0.00                   | 0.00                  |
| 19,900.0              | 89.94           | 179.63      | 10,752.2              | -9,481.7     | -338.3       | 9,487.7                 | 0.00                    | 0.00                   | 0.00                  |
| 20,000.0              | 89.94           | 179.63      | 10,752.3              | -9,581.7     | -337.7       | 9,587.6                 | 0.00                    | 0.00                   | 0.00                  |
| 20,100.0              | 89.94           | 179.63      | 10,752.4              | -9,681.7     | -337.0       | 9,687.6                 | 0.00                    | 0.00                   | 0.00                  |
| 20,200.0              | 89.94           | 179.63      | 10,752.5              | -9,781.7     | -336.4       | 9,787.5                 | 0.00                    | 0.00                   | 0.00                  |
| 20,300.0              | 89.94           | 179.63      | 10,752.6              | -9,881.7     | -335.7       | 9,887.4                 | 0.00                    | 0.00                   | 0.00                  |
| 20,400.0              | 89.94           | 179.63      | 10,752.7              | -9,981.7     | -335.1       | 9,987.3                 | 0.00                    | 0.00                   | 0.00                  |
| 20,500.0              | 89.94           | 179.63      | 10,752.9              | -10,081.7    | -334.4       | 10,087.3                | 0.00                    | 0.00                   | 0.00                  |
| 20,600.0              | 89.94           | 179.63      | 10,753.0              | -10,181.7    | -333.8       | 10,187.2                | 0.00                    | 0.00                   | 0.00                  |
| 20,639.4              | 89.94           | 179.63      | 10,753.0              | -10,221.1    | -333.5       | 10,226.6                | 0.00                    | 0.00                   | 0.00                  |
| TD at 20639.4         |                 |             |                       |              |              |                         |                         |                        |                       |

## Concho Resources LLC

## Survey Report

|                  |                                        |                                     |                                  |
|------------------|----------------------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>  | DELAWARE BASIN WEST                    | <b>Local Co-ordinate Reference:</b> | Well CABO WABO FED COM #702H     |
| <b>Project:</b>  | ATLAS PROSPECT (NM-E)                  | <b>TVD Reference:</b>               | KB=27' @ 3173.0usft (Nabors 893) |
| <b>Site:</b>     | CABO WABO FEDERAL PROJECT (ATLAS 2529) | <b>MD Reference:</b>                | KB=27' @ 3173.0usft (Nabors 893) |
| <b>Well:</b>     | CABO WABO FED COM #702H                | <b>North Reference:</b>             | Grid                             |
| <b>Wellbore:</b> | OWB                                    | <b>Survey Calculation Method:</b>   | Minimum Curvature                |
| <b>Design:</b>   | PWP2                                   | <b>Database:</b>                    | edm                              |

## Design Targets

## Target Name

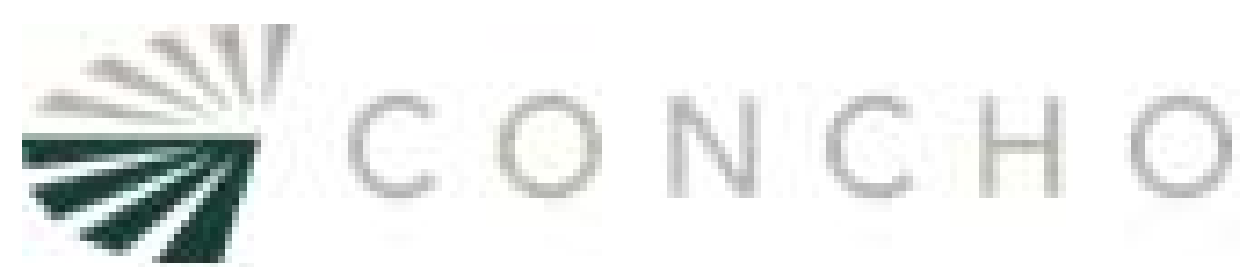
| - hit/miss target<br>- Shape                                                                                                                | Dip Angle<br>(°) | Dip Dir.<br>(°) | TVD<br>(usft) | +N/-S<br>(usft) | +E/-W<br>(usft) | Northing<br>(usft) | Easting<br>(usft) | Latitude        | Longitude         |
|---------------------------------------------------------------------------------------------------------------------------------------------|------------------|-----------------|---------------|-----------------|-----------------|--------------------|-------------------|-----------------|-------------------|
| FTP (CABO WABO FI<br>- plan misses target center by 217.7usft at 10651.1usft MD (10585.9 TVD, -273.6 N, -385.2 E)<br>- Circle (radius 50.0) | 0.00             | 0.00            | 10,743.0      | -123.5          | -399.2          | 408,252.62         | 623,896.28        | 32° 7' 18.373 N | 103° 55' 59.278 W |
| LTP (CABO WABO FE<br>- plan misses target center by 0.1usft at 20509.4usft MD (10752.9 TVD, -10091.1 N, -334.4 E)<br>- Point                | 0.00             | 0.00            | 10,753.0      | -10,091.1       | -334.4          | 398,284.96         | 623,961.05        | 32° 5' 39.728 N | 103° 55' 58.955 W |
| PBHL (CABO WABO<br>- plan hits target center<br>- Rectangle (sides W100.0 H10,070.0 D20.0)                                                  | -0.06            | 359.63          | 10,753.0      | -10,221.1       | -333.5          | 398,154.96         | 623,961.90        | 32° 5' 38.441 N | 103° 55' 58.951 W |

## Plan Annotations

| Measured<br>Depth<br>(usft) | Vertical<br>Depth<br>(usft) | Local Coordinates |                 | Comment                         |
|-----------------------------|-----------------------------|-------------------|-----------------|---------------------------------|
|                             |                             | +N/-S<br>(usft)   | +E/-W<br>(usft) |                                 |
| 5500                        | 5500                        | 0                 | 0               | Start Build 2.00                |
| 5730                        | 5730                        | -2                | -9              | Start 4467.9 hold at 5730.0 MD  |
| 10,198                      | 10,183                      | -95               | -355            | Start DLS 10.00 TFO -75.42      |
| 11,086                      | 10,743                      | -668              | -395            | Start 9553.7 hold at 11085.7 MD |
| 20,639                      | 10,753                      | -10,221           | -334            | TD at 20639.4                   |

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

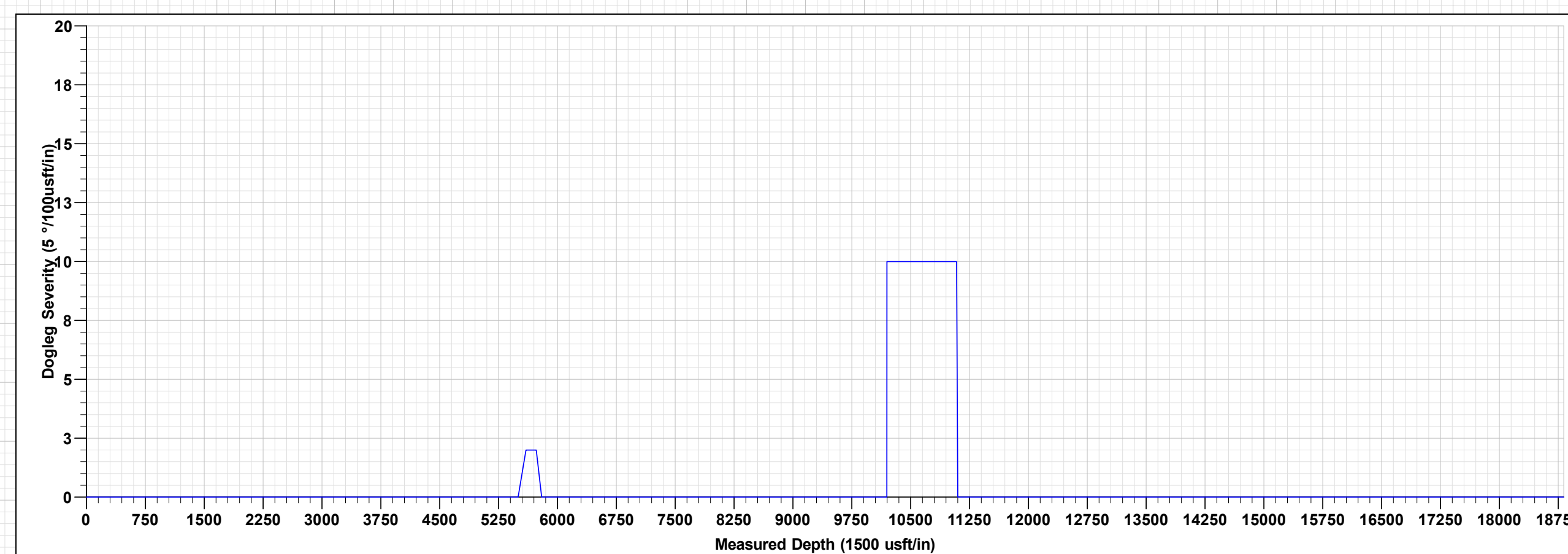
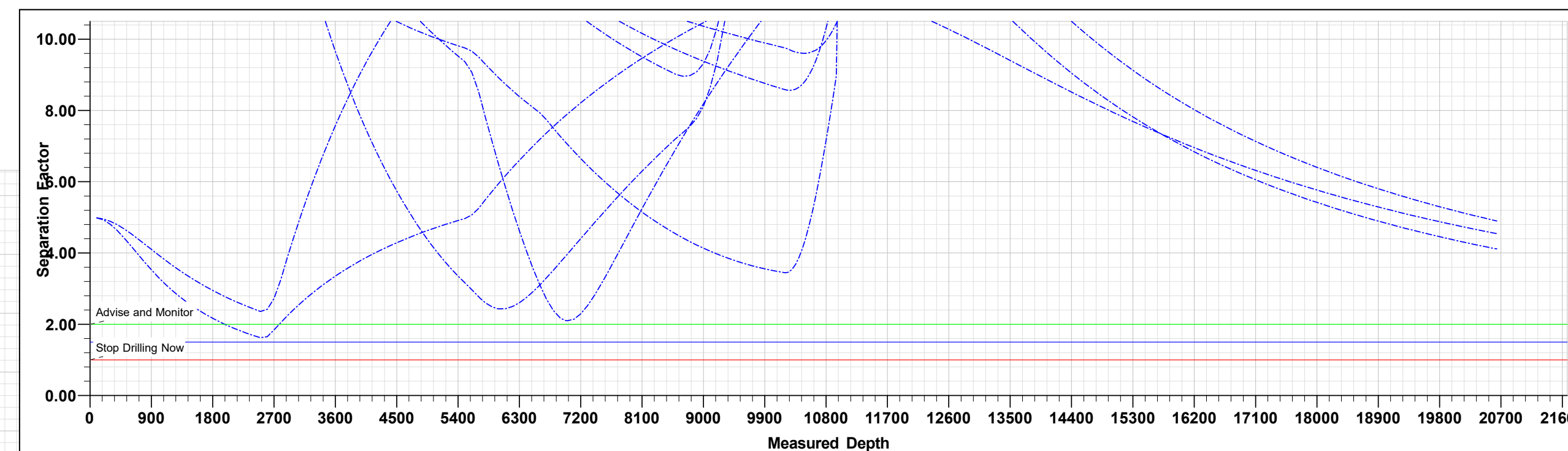




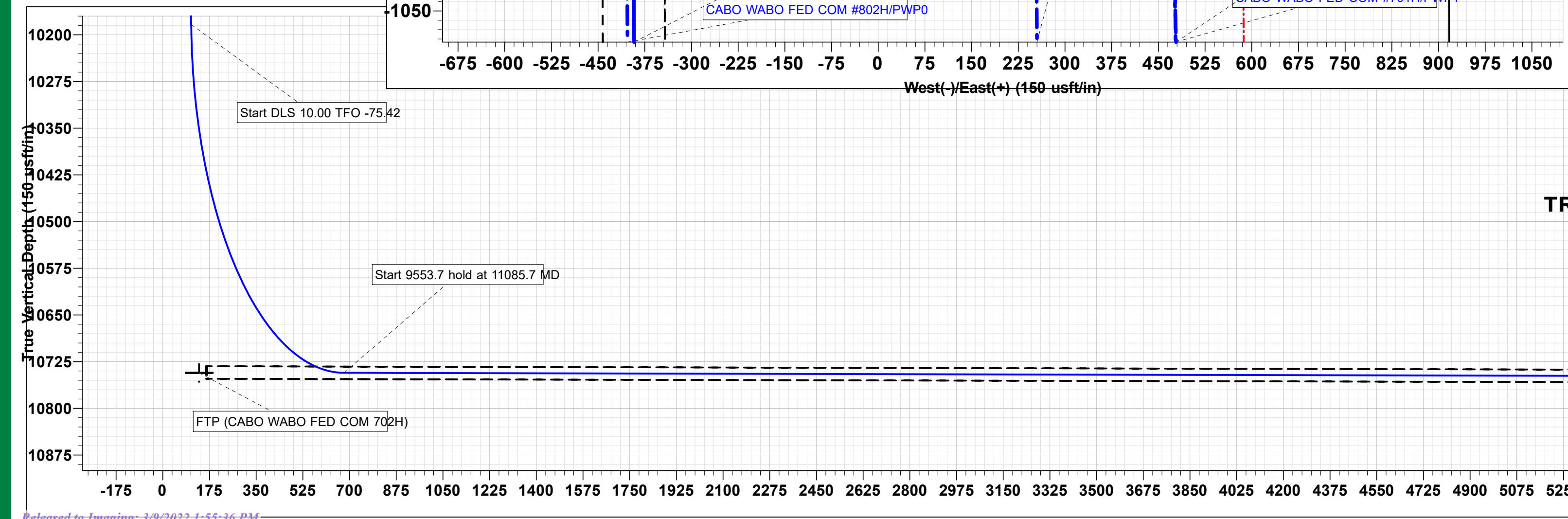
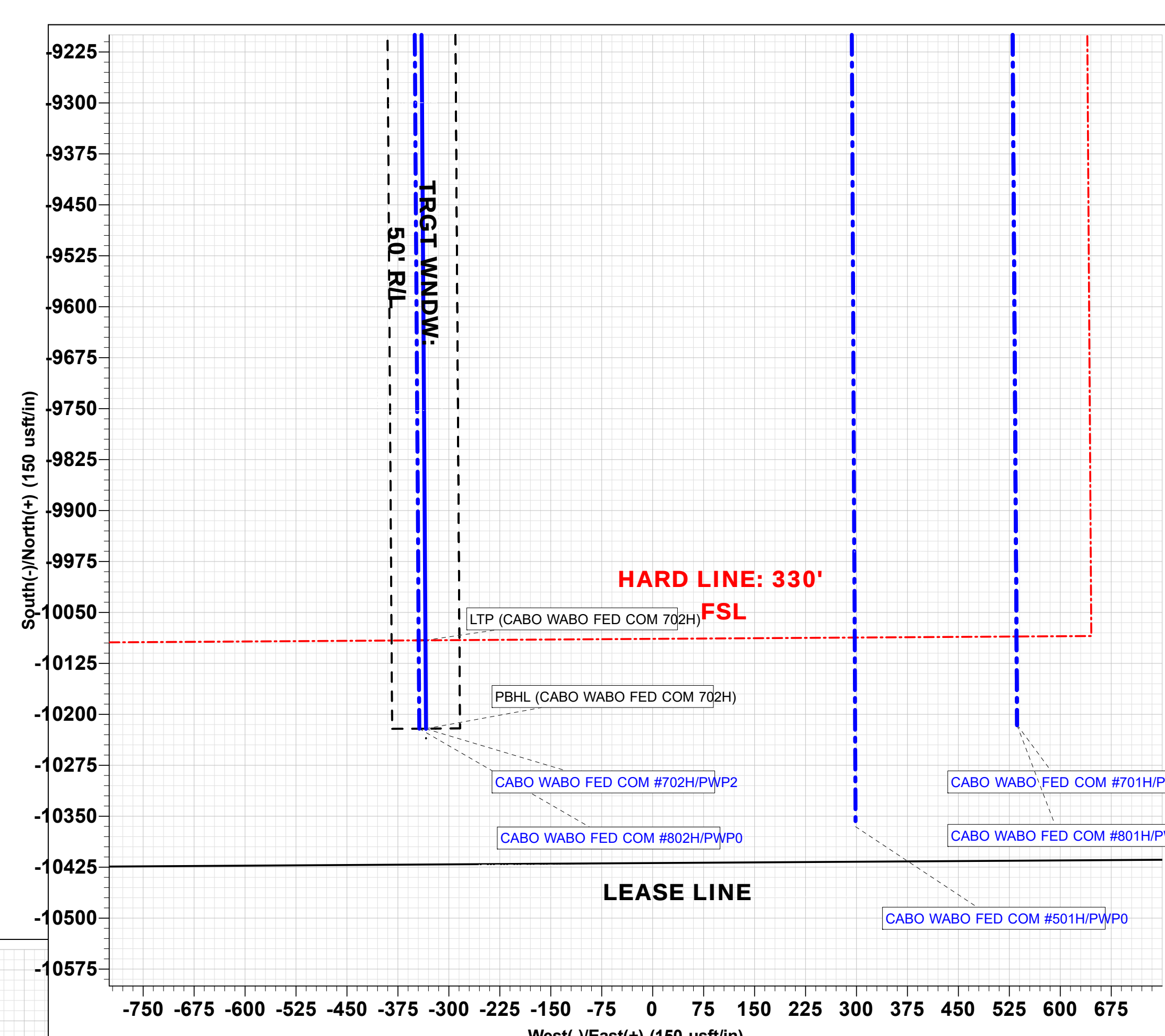
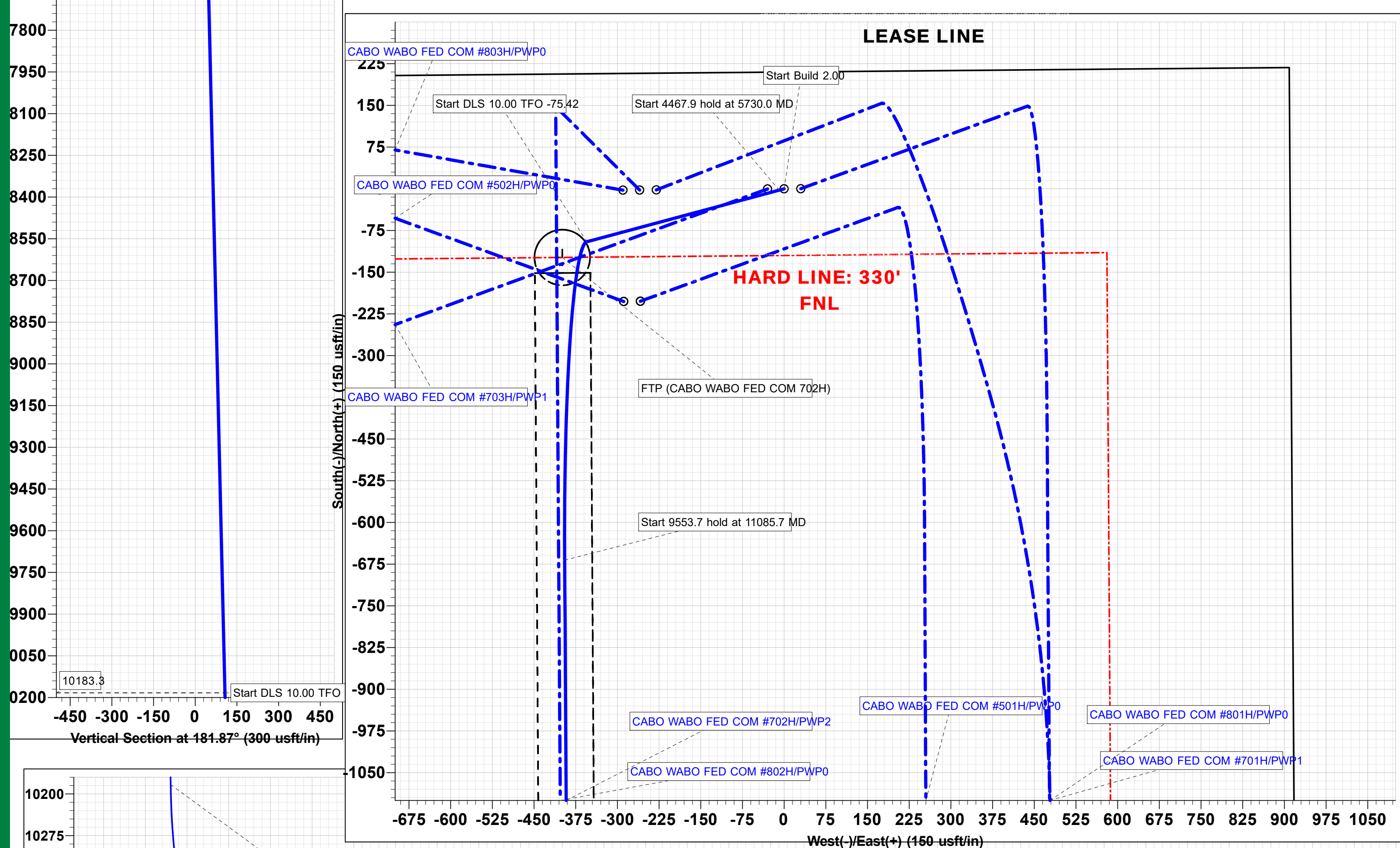
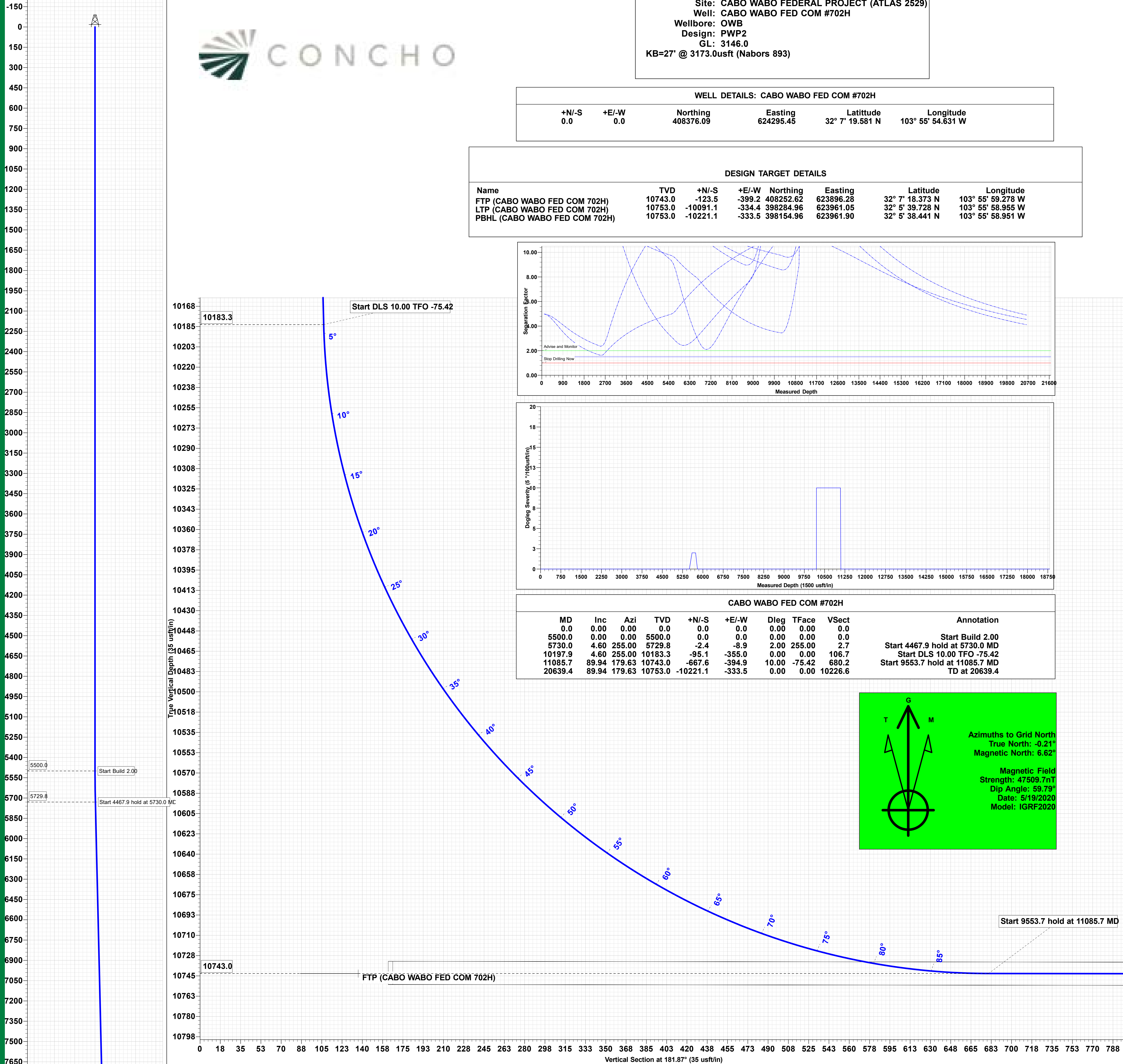
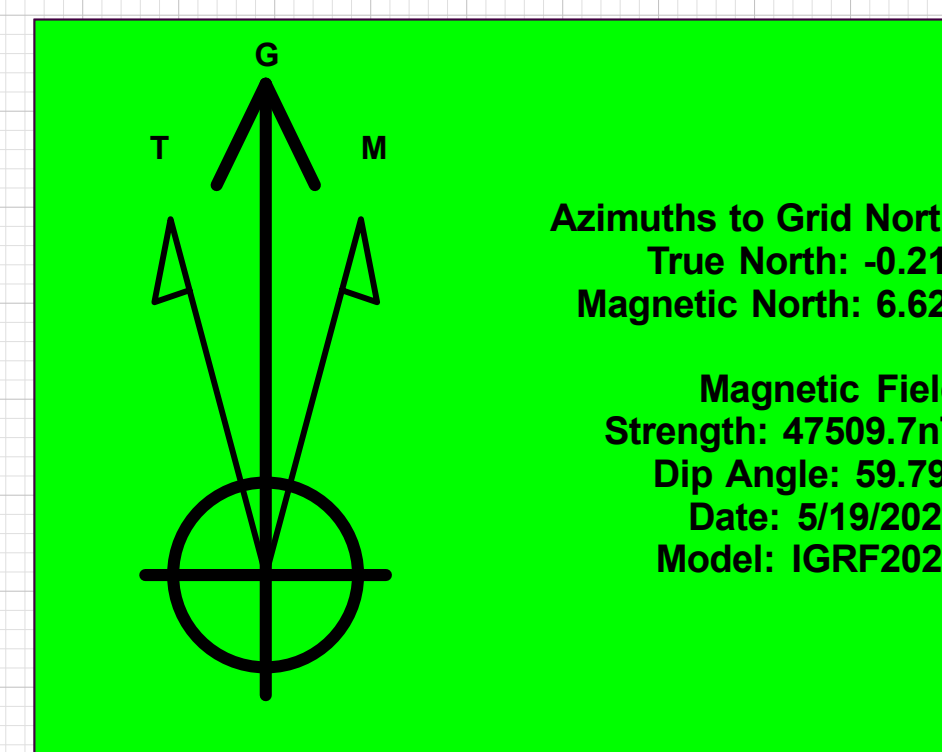
Project: ATLAS PROSPECT (NM-E)  
Site: CABO WABO FEDERAL PROJECT (ATLAS 2529)  
Well: CABO WABO FED COM #702H  
Wellbore: OWB  
Design: PWP2  
GL: 3146.0  
KB=27' @ 3173.0usft (Nabors 893)

| WELL DETAILS: CABO WABO FED COM #702H |       |           |           |                 |                   |
|---------------------------------------|-------|-----------|-----------|-----------------|-------------------|
| +N/-S                                 | +E/-W | Northing  | Easting   | Latitude        | Longitude         |
| 0.0                                   | 0.0   | 408376.09 | 624295.45 | 32° 7' 19.581 N | 103° 55' 54.631 W |

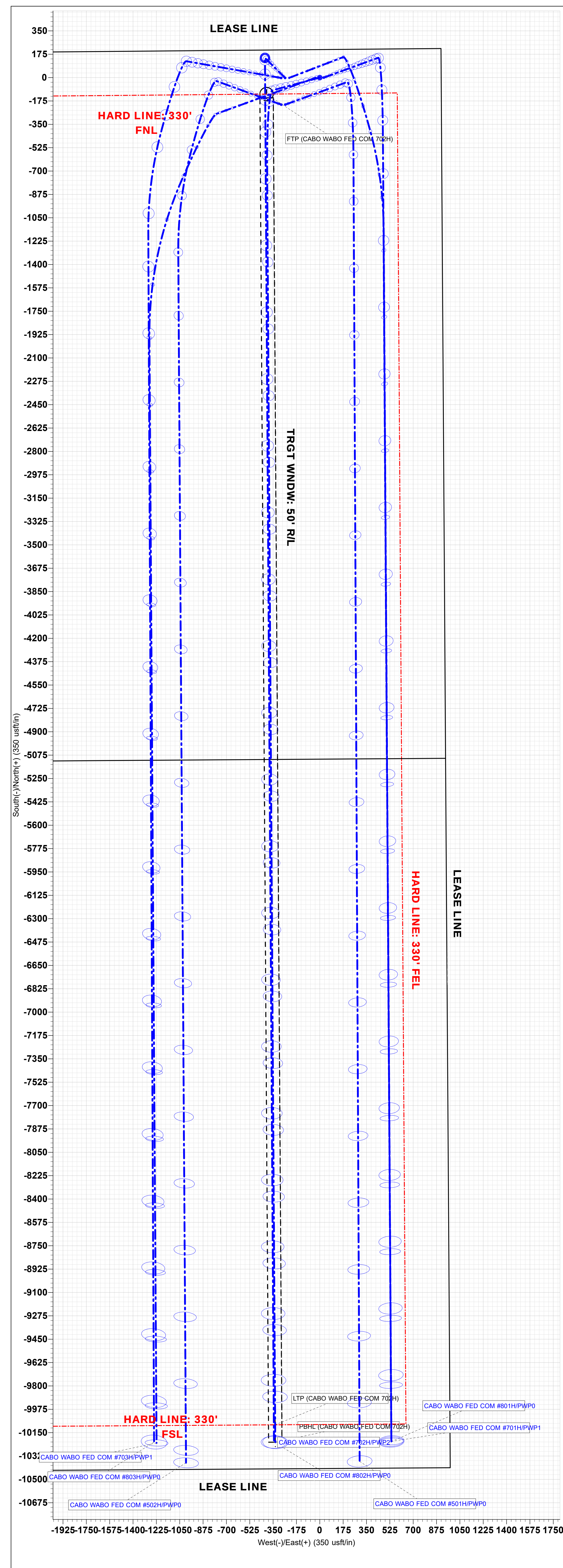
| DESIGN TARGET DETAILS         |         |          |        |           |           |                 |
|-------------------------------|---------|----------|--------|-----------|-----------|-----------------|
| Name                          | TVD     | +N/-S    | +E/-W  | Northing  | Easting   | Latitude        |
| FTP (CABO WABO FED COM 702H)  | 10743.0 | -123.5   | -399.2 | 408252.62 | 623896.28 | 32° 7' 18.373 N |
| LTP (CABO WABO FED COM 702H)  | 10753.0 | -10091.1 | -334.4 | 398284.96 | 623961.05 | 32° 5' 39.728 N |
| PBHL (CABO WABO FED COM 702H) | 10753.0 | -10221.1 | -333.5 | 398154.96 | 623961.90 | 32° 5' 38.441 N |



| CABO WABO FED COM #702H |       |        |         |          |        |       |        |         |                                 |
|-------------------------|-------|--------|---------|----------|--------|-------|--------|---------|---------------------------------|
| MD                      | Inc   | Azi    | TVD     | +N/-S    | +E/-W  | Dleg  | TFace  | VSecl   | Annotation                      |
| 0.0                     | 0.00  | 0.00   | 0.0     | 0.0      | 0.0    | 0.00  | 0.00   | 0.0     | Start Build 2.00                |
| 5500.0                  | 0.00  | 0.00   | 5500.0  | 0.0      | 0.0    | 0.00  | 0.00   | 0.0     |                                 |
| 5730.0                  | 4.60  | 255.00 | 5729.8  | -2.4     | -8.9   | 2.00  | 255.00 | 2.7     | Start 4467.9 hold at 5730.0 MD  |
| 10197.9                 | 4.60  | 255.00 | 10183.3 | -95.1    | -355.0 | 0.00  | 0.00   | 106.7   | Start DLS 10.00 TFO -75.42      |
| 11085.7                 | 89.94 | 179.63 | 10743.0 | -667.6   | -394.9 | 10.00 | -75.42 | 680.2   | Start 9553.7 hold at 11085.7 MD |
| 20639.4                 | 89.94 | 179.63 | 10753.0 | -10221.1 | -333.5 | 0.00  | 0.00   | 10226.6 | TD at 20639.4                   |



TRGT WNDW:  
10 A/B





**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

COMMENTS  
  
Action 82884

COMMENTS

|                                                                              |                                                      |
|------------------------------------------------------------------------------|------------------------------------------------------|
| Operator:<br>COG PRODUCTION, LLC<br>600 W. Illinois Ave<br>Midland, TX 79701 | OGRID:<br>217955                                     |
|                                                                              | Action Number:<br>82884                              |
|                                                                              | Action Type:<br>[C-103] NOI Change of Plans (C-103A) |

COMMENTS

| Created By | Comment                 | Comment Date |
|------------|-------------------------|--------------|
| kpickford  | KP GEO review 2/23/2022 | 2/23/2022    |

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CONDITIONS  
  
Action 82884

CONDITIONS

|                                                                              |                                                      |
|------------------------------------------------------------------------------|------------------------------------------------------|
| Operator:<br>COG PRODUCTION, LLC<br>600 W. Illinois Ave<br>Midland, TX 79701 | OGRID:<br>217955                                     |
|                                                                              | Action Number:<br>82884                              |
|                                                                              | Action Type:<br>[C-103] NOI Change of Plans (C-103A) |

CONDITIONS

| Created By | Condition                                       | Condition Date |
|------------|-------------------------------------------------|----------------|
| kpickford  | Adhere to previous NMOCD Conditions of Approval | 2/23/2022      |