

Form 3160-5  
(June 2015)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**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.**FORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 20185. Lease Serial No.  
NMNM132951

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
GREEN BERET FEDERAL COM 701H

9. API Well No.

10. Field and Pool or Exploratory Area  
DOGIE DRAW-WOLFCAMP11. County or Parish, State  
LEA COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator  
COG OPERATING LLCContact: STAN WAGNER  
E-Mail: swagner@concho.com3a. Address  
ONE CONCHO CENTER 600 W ILLINOIS AVENUE  
MIDLAND, TX 79701-42873b. Phone No. (include area code)  
Ph: 432.253.9685

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

Sec 20 T25S R35E NENE 370FNL 790FEL  
32.122108 N Lat, 103.383575 W Lon**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

| TYPE OF SUBMISSION                                   | TYPE OF ACTION                                |                                               |                                                    |                                           |
|------------------------------------------------------|-----------------------------------------------|-----------------------------------------------|----------------------------------------------------|-------------------------------------------|
| <input checked="" 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"/> Subsequent Report           | <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Hydraulic Fracturing | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity   |
| <input type="checkbox"/> Final Abandonment Notice    | <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction     | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other |
|                                                      | <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon     | <input type="checkbox"/> Temporarily Abandon       | Change to Original A                      |
|                                                      | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back            | <input type="checkbox"/> Water Disposal            | PD                                        |

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

COG Operating requests an amendment to our approved APD for this well to reflect changes in casing design and BHL as attached.

Change BHL to: 2590' FNL & 1980' FEL SWNE 29-25S-35E

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

Electronic Submission #534687 verified by the BLM Well Information System

For COG OPERATING LLC, sent to the Hobbs  
Committed to AFMSS for processing by PRISCILLA PEREZ on 10/23/2020 (21PP0275SE)

Name (Printed/Typed) STAN WAGNER

Title REGULATORY ADVISOR

Signature (Electronic Submission)

Date 10/20/2020

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

Approved By JENNIFER SANCHEZ

Title PETROLEUM ENGINEER

Date 10/26/2020

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

Office Hobbs

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

(Instructions on page 2)

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

## PECOS DISTRICT DRILLING CONDITIONS OF APPROVAL

|                              |                                                            |
|------------------------------|------------------------------------------------------------|
| <b>OPERATOR'S NAME:</b>      | <b>COG Operating LLC</b>                                   |
| <b>LEASE NO.:</b>            | <b>NMNM-132951</b>                                         |
| <b>WELL NAME &amp; NO.:</b>  | <b>Green Beret Federal Com 701H</b>                        |
| <b>SURFACE HOLE FOOTAGE:</b> | <b>0370' FNL &amp; 0790' FEL</b>                           |
| <b>BOTTOM HOLE FOOTAGE</b>   | <b>2590' FNL &amp; 1980' FEL Sec. 29, T.25 S., R.35 E.</b> |
| <b>LOCATION:</b>             | <b>Section 20, T.25 S., R.35 E., NMPM</b>                  |
| <b>COUNTY:</b>               | <b>Lea County, New Mexico</b>                              |

COA

|                      |                                                  |                                            |                                     |
|----------------------|--------------------------------------------------|--------------------------------------------|-------------------------------------|
| H2S                  | <input checked="" type="radio"/> Yes             | <input type="radio"/> No                   |                                     |
| Potash               | <input checked="" type="radio"/> None            | <input type="radio"/> Secretary            | <input type="radio"/> R-111-P       |
| Cave/Karst Potential | <input checked="" type="radio"/> Low             | <input type="radio"/> Medium               | <input type="radio"/> High          |
| Cave/Karst Potential | <input type="radio"/> Critical                   |                                            |                                     |
| Variance             | <input type="radio"/> None                       | <input checked="" type="radio"/> Flex Hose | <input type="radio"/> Other         |
| Wellhead             | <input checked="" type="radio"/> Conventional    | <input type="radio"/> Multibowl            | <input type="radio"/> Both          |
| Other                | <input type="checkbox"/> 4 String Area           | <input type="checkbox"/> Capitan Reef      | <input type="checkbox"/> WIPP       |
| Other                | <input checked="" type="checkbox"/> Fluid Filled | <input type="checkbox"/> Cement Squeeze    | <input type="checkbox"/> Pilot Hole |
| Special Requirements | <input type="checkbox"/> Water Disposal          | <input checked="" type="checkbox"/> COM    | <input type="checkbox"/> Unit       |

Possibility of water flows in the Salado and Castile.

Possibility of lost circulation in the Rustler, Salado, and Delaware.

Abnormal pressure can be encountered near the base of Third Bone Spring Sandstone and Wolfcamp Formations.

The formations between the base of the Wolfcamp and top of Strawn Formation is known to have encounters with H2S.

### A. HYDROGEN SULFIDE

Hydrogen Sulfide (H2S) monitors shall be installed prior to drilling out the surface shoe. If H2S is detected in concentrations greater than 100 ppm, the Hydrogen Sulfide area shall meet Onshore Order 6 requirements, which includes equipment and personnel/public protection items. If Hydrogen Sulfide is encountered, provide measured values and formations to the BLM.

## B. CASING

1. The **13-3/8** inch surface casing shall be set at approximately **985** feet (a minimum of 25 feet (Lea County) into the Rustler Anhydrite and above the salt) and cemented to the surface.
  - a. If cement does not circulate to the surface, the appropriate BLM office shall be notified and a temperature survey utilizing an electronic type temperature survey with surface log readout will be used or a cement bond log shall be run to verify the top of the cement. Temperature survey will be run a minimum of six hours after pumping cement and ideally between 8-10 hours after completing the cement job.
  - b. Wait on cement (WOC) time for a primary cement job will be a minimum of **8 hours** or 500 pounds compressive strength, whichever is greater. (This is to include the lead cement)
  - c. Wait on cement (WOC) time for a remedial job will be a minimum of 4 hours after bringing cement to surface or 500 pounds compressive strength, whichever is greater.
  - d. If cement falls back, remedial cementing will be done prior to drilling out that string.

**Intermediate casing must be kept fluid filled to meet BLM minimum collapse requirement.**

2. The minimum required fill of cement behind the **9-5/8** inch intermediate casing is:
  - Cement to surface. If cement does not circulate see B.1.a, c-d above.
3. The minimum required fill of cement behind the **5-1/2** inch production casing is:
  - Cement should tie-back at least **200 feet** into previous casing string. Operator shall provide method of verification.

## C. PRESSURE CONTROL

1. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the surface casing shoe shall be **5000 (5M) psi**.
2. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the intermediate casing shoe shall be **10,000 (10M) psi**. **Variance is approved to use a 5000 (5M) Annular which shall be tested to 3500 psi.**

#### **D. SPECIAL REQUIREMENT (S)**

##### **Communitization Agreement**

- The operator will submit a Communitization Agreement to the Santa Fe Office, 301 Dinosaur Trail Santa Fe, New Mexico 87508, at least 90 days before the anticipated date of first production from a well subject to a spacing order issued by the New Mexico Oil Conservation Division. The Communitization Agreement will include the signatures of all working interest owners in all Federal and Indian leases subject to the Communitization Agreement (i.e., operating rights owners and lessees of record), or certification that the operator has obtained the written signatures of all such owners and will make those signatures available to the BLM immediately upon request.
- If the operator does not comply with this condition of approval, the BLM may take enforcement actions that include, but are not limited to, those specified in 43 CFR 3163.1.
- In addition, the well sign shall include the surface and bottom hole lease numbers. When the Communitization Agreement number is known, it shall also be on the sign.

## GENERAL REQUIREMENTS

The BLM is to be notified in advance for a representative to witness:

- a. Spudding well (minimum of 24 hours)
- b. Setting and/or Cementing of all casing strings (minimum of 4 hours)
- c. BOPE tests (minimum of 4 hours)

☒ Lea County

Call the Hobbs Field Station, 414 West Taylor, Hobbs NM 88240, (575)  
393-3612

1. Unless the production casing has been run and cemented or the well has been properly plugged, the drilling rig shall not be removed from over the hole without prior approval.
  - a. In the event the operator has proposed to drill multiple wells utilizing a skid/walking rig. Operator shall secure the wellbore on the current well, after installing and testing the wellhead, by installing a blind flange of like pressure rating to the wellhead and a pressure gauge that can be monitored while drilling is performed on the other well(s).
  - b. When the operator proposes to set surface casing with Spudder Rig
    - Notify the BLM when moving in and removing the Spudder Rig.
    - Notify the BLM when moving in the 2<sup>nd</sup> Rig. Rig to be moved in within 90 days of notification that Spudder Rig has left the location.
    - BOP/BOPE test to be conducted per Onshore Oil and Gas Order No. 2 as soon as 2nd Rig is rigged up on well.
2. Floor controls are required for 3M or Greater systems. These controls will be on the rig floor, unobstructed, readily accessible to the driller and will be operational at all times during drilling and/or completion activities. Rig floor is defined as the area immediately around the rotary table; the area immediately above the substructure on which the draw works are located, this does not include the dog house or stairway area.
3. The record of the drilling rate along with the GR/N well log run from TD to surface (horizontal well – vertical portion of hole) shall be submitted to the BLM office as well as all other logs run on the borehole 30 days from completion. If available, a digital copy of the logs is to be submitted in addition to the paper copies. The Rustler top and top and bottom of Salt are to be recorded on the Completion Report.

## A. CASING

1. Changes to the approved APD casing program need prior approval if the items substituted are of lesser grade or different casing size or are Non-API. The Operator can exchange the components of the proposal with that of superior strength (i.e. changing from J-55 to N-80, or from 36# to 40#). Changes to the approved cement program need prior approval if the altered cement plan has less volume or strength or if the changes are substantial (i.e. Multistage tool, ECP, etc.). The initial wellhead installed on the well will remain on the well with spools used as needed.
2. Wait on cement (WOC) for Water Basin: After cementing but before commencing any tests, the casing string shall stand cemented under pressure until both of the following conditions have been met: 1) cement reaches a minimum compressive strength of 500 psi at the shoe, 2) until cement has been in place at least 8 hours. WOC time will be recorded in the driller's log. See individual casing strings for details regarding lead cement slurry requirements. The casing integrity test can be done (prior to the cement setting up) immediately after bumping the plug.
3. Provide compressive strengths including hours to reach required 500 pounds compressive strength prior to cementing each casing string. Have well specific cement details onsite prior to pumping the cement for each casing string.
4. No pea gravel permitted for remedial or fall back remedial without prior authorization from the BLM engineer.
5. 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. Formation at the shoe shall be tested to a minimum of the mud weight equivalent anticipated to control the formation pressure to the next casing depth or at total depth of the well. This test shall be performed before drilling more than 20 feet of new hole.
6. If hardband drill pipe is rotated inside casing, returns will be monitored for metal. If metal is found in samples, drill pipe will be pulled and rubber protectors which have a larger diameter than the tool joints of the drill pipe will be installed prior to continuing drilling operations.

## B. PRESSURE CONTROL

1. All blowout preventer (BOP) and related equipment (BOPE) shall comply with well control requirements as described in Onshore Oil and Gas Order No. 2 and API RP 53 Sec. 17.
2. If a variance is approved for a flexible hose to be installed from the BOP to the choke manifold, the following requirements apply: The flex line must meet the requirements of API 16C. Check condition of flexible line from BOP to choke manifold, replace if exterior is damaged or if line fails test. Line to be as straight as possible with no hard bends and is to be anchored according to Manufacturer's requirements. The flexible hose can be exchanged with a hose of equal size and equal or greater pressure rating. Anchor requirements, specification sheet and hydrostatic pressure test certification matching the hose in service, to be onsite for review. These documents shall be posted in the company man's trailer and on the rig floor.
3. 5M or higher system requires an HCR valve, remote kill line and annular to match. The remote kill line is to be installed prior to testing the system and tested to stack pressure.
5. The appropriate BLM office shall be notified a minimum of 4 hours in advance for a representative to witness the tests.
  - a. In a water basin, for all casing strings utilizing slips, these are to be set as soon as the crew and rig are ready and any fallback cement remediation has been done. The casing cut-off and BOP installation can be initiated four hours after installing the slips, which will be approximately six hours after bumping the plug. For those casing strings not using slips, the minimum wait time before cut-off is eight hours after bumping the plug. BOP/BOPE testing can begin after cut-off or once cement reaches 500 psi compressive strength (including lead when specified), whichever is greater. However, if the float does not hold, cut-off cannot be initiated until cement reaches 500 psi compressive strength (including lead when specified).
  - b. The tests shall be done by an independent service company utilizing a test plug not a cup or J-packer. The operator also has the option of utilizing an independent tester to test without a plug (i.e. against the casing) pursuant to Onshore Order 2 with the pressure not to exceed 70% of the burst rating for the casing. Any test against the casing must meet the WOC time for water basin (8 hours) or potash (24 hours) or 500 pounds compressive strength, whichever is greater, prior to initiating the test (see casing segment as lead cement may be critical item).

- c. The test shall be run on a 5000 psi chart for a 2-3M BOP/BOP, on a 10000 psi chart for a 5M BOP/BOPE and on a 15000 psi chart for a 10M BOP/BOPE. If a linear chart is used, it shall be a one hour chart. A circular chart shall have a maximum 2 hour clock. If a twelve hour or twenty-four hour chart is used, tester shall make a notation that it is run with a two hour clock.
- d. The results of the test shall be reported to the appropriate BLM office.
- e. All tests are required to be recorded on a calibrated test chart. A copy of the BOP/BOPE test chart and a copy of independent service company test will be submitted to the appropriate BLM office.
- f. The BOP/BOPE test shall include a low pressure test from 250 to 300 psi. The test will be held for a minimum of 10 minutes if test is done with a test plug and 30 minutes without a test plug. This test shall be performed prior to the test at full stack pressure.
- g. BOP/BOPE must be tested by an independent service company within 500 feet of the top of the Wolfcamp formation if the time between the setting of the intermediate casing and reaching this depth exceeds 20 days. This test does not exclude the test prior to drilling out the casing shoe as per Onshore Order No. 2.

#### C. DRILLING MUD

Mud system monitoring equipment, with derrick floor indicators and visual and audio alarms, shall be operating before drilling into the Wolfcamp formation, and shall be used until production casing is run and cemented.

#### D. WASTE MATERIAL AND FLUIDS

All waste (i.e. drilling fluids, trash, salts, chemicals, sewage, gray water, etc.) created as a result of drilling operations and completion operations shall be safely contained and disposed of properly at a waste disposal facility. No waste material or fluid shall be disposed of on the well location or surrounding area.

Porto-johns and trash containers will be on-location during fracturing operations or any other crew-intensive operations.

**JAM 10262020**

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) 476-3480 Fax: (505) 476-3482

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

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

☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

|                            |                                          |                                     |
|----------------------------|------------------------------------------|-------------------------------------|
| API Number<br>30-025-47821 | Pool Code<br>17980                       | Pool Name<br>; Dogie Draw; Wolfcamp |
| Property Code              | Property Name<br>GREEN BERET FEDERAL COM | Well Number<br>701H                 |
| OGRID No.<br>229137        | Operator Name<br>COG OPERATING, LLC      | Elevation<br>3255.4'                |

**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             | 20      | 25-S     | 35-E  |         | 370           | NORTH            | 790           | EAST           | LEA    |

**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 |
|------------------------|-----------------|--------------------|-----------|---------|---------------|------------------|---------------|----------------|--------|
| G                      | 29              | 25-S               | 35-E      |         | 2590          | NORTH            | 1980          | EAST           | LEA    |
| Dedicated Acres<br>480 | Joint or Infill | Consolidation Code | Order No. |         |               |                  |               |                |        |

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

| <p>NAD 83 NME<br/><u>SURFACE LOCATION</u><br/>Y=409454.4 N<br/>X=835367.1 E<br/>LAT.=32.122107° N<br/>LONG.=103.383572° W</p> <table border="1"> <thead> <tr> <th colspan="2">POINT LEGEND</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Y=409813.8 N<br/>X=833511.7 E</td> </tr> <tr> <td>2</td> <td>Y=404531.4 N<br/>X=833559.7 E</td> </tr> <tr> <td>3</td> <td>Y=401910.4 N<br/>X=836227.2 E</td> </tr> <tr> <td>4</td> <td>Y=404549.9 N<br/>X=836202.0 E</td> </tr> <tr> <td>5</td> <td>Y=407189.2 N<br/>X=836178.2 E</td> </tr> <tr> <td>6</td> <td>Y=409828.9 N<br/>X=836153.7 E</td> </tr> </tbody> </table> <p>NAD 83 NME<br/><u>PROPOSED BOTTOM<br/>HOLE LOCATION</u><br/>Y=401946.1 N<br/>X=834246.8 E<br/>LAT.=32.101497° N<br/>LONG.=103.387404° W</p> | POINT LEGEND                 |  | 1 | Y=409813.8 N<br>X=833511.7 E | 2 | Y=404531.4 N<br>X=833559.7 E | 3 | Y=401910.4 N<br>X=836227.2 E | 4 | Y=404549.9 N<br>X=836202.0 E | 5 | Y=407189.2 N<br>X=836178.2 E | 6 | Y=409828.9 N<br>X=836153.7 E | <p>FTP<br/>100' FNL &amp; 1980' FEL<br/>Y=409717.6 N<br/>X=834174.6 E<br/>LAT.=32.122859° N<br/>LONG.=103.387416° W<br/>GRID AZ. TO FTP<br/>282°26'45"</p> <p>LEASE X-ING<br/>LAT.=32.119500° N<br/>LONG.=103.387414° W</p> <p>LEASE X-ING<br/>LAT.=32.115872° N<br/>LONG.=103.387412° W</p> <p>LEASE X-ING<br/>LAT.=32.108616° N<br/>LONG.=103.387408° W</p> <p>SECTION 20<br/>SECTION 29</p> <p>LTP<br/>2540' FNL &amp; 1980' FEL<br/>Y=401996.1 N<br/>X=834246.3 E<br/>LAT.=32.101634° N<br/>LONG.=103.387404° W</p> <p>GRID AZ. - 179°28'05"<br/>HORIZ. DIST. - 7771.8'</p> <p>2590'<br/>1980'</p> | <p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Stan Wagner</i> 10/20/20<br/>Signature Date</p> <p>Stan Wagner<br/>Printed Name</p> <p>E-mail Address</p> <p><b>SURVEYOR CERTIFICATION</b></p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>JANUARY 22, 2020<br/>Date of Survey</p> <p>Signature &amp; Seal of Professional Surveyor</p> <p><i>Chad L. Hargrow</i> 9/11/20<br/>Certificate No. CHAD HARGCROW 17777<br/>W.O. # 20-1198 DRAWN BY: WN</p> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|--|---|------------------------------|---|------------------------------|---|------------------------------|---|------------------------------|---|------------------------------|---|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| POINT LEGEND                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                              |  |   |                              |   |                              |   |                              |   |                              |   |                              |   |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Y=409813.8 N<br>X=833511.7 E |  |   |                              |   |                              |   |                              |   |                              |   |                              |   |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Y=404531.4 N<br>X=833559.7 E |  |   |                              |   |                              |   |                              |   |                              |   |                              |   |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Y=401910.4 N<br>X=836227.2 E |  |   |                              |   |                              |   |                              |   |                              |   |                              |   |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Y=404549.9 N<br>X=836202.0 E |  |   |                              |   |                              |   |                              |   |                              |   |                              |   |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Y=407189.2 N<br>X=836178.2 E |  |   |                              |   |                              |   |                              |   |                              |   |                              |   |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Y=409828.9 N<br>X=836153.7 E |  |   |                              |   |                              |   |                              |   |                              |   |                              |   |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

Intent ☒ As Drilled ☐API #  
30-025-47821

|                   |                         |             |
|-------------------|-------------------------|-------------|
| Operator Name:    | Property Name:          | Well Number |
| COG Operating LLC | Green Beret Federal Com | 701H        |

## Kick Off Point (KOP)

|          |               |                 |              |     |           |          |      |          |               |
|----------|---------------|-----------------|--------------|-----|-----------|----------|------|----------|---------------|
| UL<br>A  | Section<br>20 | Township<br>25S | Range<br>35E | Lot | Feet      | From N/S | Feet | From E/W | County<br>Lea |
| Latitude |               |                 |              |     | Longitude |          |      |          | NAD<br>83     |

## First Take Point (FTP)

|                       |               |                 |              |     |                          |                   |              |                  |               |
|-----------------------|---------------|-----------------|--------------|-----|--------------------------|-------------------|--------------|------------------|---------------|
| UL<br>B               | Section<br>20 | Township<br>25S | Range<br>35E | Lot | Feet<br>100              | From N/S<br>North | Feet<br>1980 | From E/W<br>East | County<br>Lea |
| Latitude<br>32.122859 |               |                 |              |     | Longitude<br>-103.387416 |                   |              |                  | NAD<br>83     |

## Last Take Point (LTP)

|                       |               |                 |              |     |                          |                   |              |                  |               |
|-----------------------|---------------|-----------------|--------------|-----|--------------------------|-------------------|--------------|------------------|---------------|
| UL<br>G               | Section<br>29 | Township<br>25S | Range<br>35E | Lot | Feet<br>2540             | From N/S<br>North | Feet<br>1980 | From E/W<br>East | County<br>Lea |
| Latitude<br>32.101634 |               |                 |              |     | Longitude<br>-103.387404 |                   |              |                  | NAD<br>83     |

Is this well the defining well for the Horizontal Spacing Unit? ☐ NOIs this well an infill well? ☐ YES

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

API #  
30-025-

|                   |                         |             |
|-------------------|-------------------------|-------------|
| Operator Name:    | Property Name:          | Well Number |
| COG Operating LLC | Green Beret Federal Com | 801H        |

KZ 06/29/2018

Green Beret Federal Com 701H

**Surface**

Drill 17.5" hole to 985'

Run 13.375" 54.5# J55 BTC casing to 985'

Cement in one stage to surface

Lead: 400 sx of 13.5 ppg Class C + 4% gel, 1.75 cuft/sx

Tail: 250 sx of 14.8 ppg Class C, 1.35 cuft/sx

5M BOP for the entire well after surface.

**Intermediate**

Drill 12.25" hole to 5409', with saturated brine water at 10 ppg

Run 9.625" 40# J55 BTC casing from 0' to 3500' and 9.625 40# L80 BTC casing from 3500' to 5409'

Cement in one stage to surface

Lead: 1060 sx of 12.7 ppg 35:65:6 C Blend, 2.0 cuft/sx

Tail: 250 sx of 14.8 ppg Class C, 1.35 cuft/sx

**Production**

Drill 8.75" hole to 18,554', with cut brine water at 8.6 to 9.3 ppg

Run 5.5" 17# P110 BTC casing from 0' to 18,554'

Cement in one stage to tie back 200' inside the previous casing string

Lead: 770 sx of 11.9 ppg 50:50:10 H Blend, 2.5 cuft/sx

Tail: 2070 sx of 14.4 ppg 50:50:2 H Blend, 1.25 cuft/sx

**DELAWARE BASIN EAST**  
**BULLDOG PROSPECT (NM-E)**  
**GREEN BERET FEDERAL PROJECT (BULLDOG**  
**2535)**  
**GREEN BERET FED COM #701H**

**OWB**  
**PWP2**

**Anticollision Report**

**17 September, 2020**

# Concho Resources LLC

## Anticollision Report

|                           |                                            |                                     |                                  |
|---------------------------|--------------------------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>           | DELAWARE BASIN EAST                        | <b>Local Co-ordinate Reference:</b> | Well GREEN BERET FED COM #701H   |
| <b>Project:</b>           | BULLDOG PROSPECT (NM-E)                    | <b>TVD Reference:</b>               | KB=25' @ 3285.4usft (SCAN QUEST) |
| <b>Reference Site:</b>    | GREEN BERET FEDERAL PROJECT (BULLDOG 2535) | <b>MD Reference:</b>                | KB=25' @ 3285.4usft (SCAN QUEST) |
| <b>Site Error:</b>        | 3.0 usft                                   | <b>North Reference:</b>             | Grid                             |
| <b>Reference Well:</b>    | GREEN BERET FED COM #701H                  | <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              | 9/17/2020           |                                    |  |
|---------------------|--------------|-------------------|---------------------|------------------------------------|--|
| From<br>(usft)      | To<br>(usft) | Survey (Wellbore) | Tool Name           | Description                        |  |
| 0.0                 | 0.0          | PWP2 (OWB)        | Standard Keeper 104 | Standard Wireline Keeper ver 1.0.4 |  |
| 12,120.6            | 18,554.3     | 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            |                                 |                              |                                 |                                  |                   |            |
| GREEN BERET FEDERAL PROJECT (BULLDOG 2535) |                                 |                              |                                 |                                  |                   |            |
| GREEN BERET FED COM #501H - OWB - PWP2     | 11,893.8                        | 11,948.0                     | 329.3                           | 273.2                            | 5.869             | CC         |
| GREEN BERET FED COM #501H - OWB - PWP2     | 18,555.2                        | 18,607.7                     | 329.9                           | 196.4                            | 2.471             | ES, SF     |
| GREEN BERET FED COM #601H - OWB - PWP1     | 2,500.0                         | 2,500.4                      | 30.0                            | 17.3                             | 2.366             | CC, ES, SF |
| GREEN BERET FED COM #602H - OWB - PWP1     | 10,656.4                        | 10,645.4                     | 132.4                           | 110.2                            | 5.982             | CC, ES     |
| GREEN BERET FED COM #602H - OWB - PWP1     | 10,700.0                        | 10,684.8                     | 134.3                           | 111.7                            | 5.939             | SF         |
| GREEN BERET FED COM #801H - OWB - PWP1     | 10,831.5                        | 10,798.5                     | 219.2                           | 197.0                            | 9.838             | CC, ES     |
| GREEN BERET FED COM #801H - OWB - PWP1     | 10,900.0                        | 10,844.2                     | 225.9                           | 202.1                            | 9.514             | SF         |

|                              |                                                                                  |                              |                              |                         |                      |                              |                                            |                     |                               |                                |                                  |                          |                           |                |
|------------------------------|----------------------------------------------------------------------------------|------------------------------|------------------------------|-------------------------|----------------------|------------------------------|--------------------------------------------|---------------------|-------------------------------|--------------------------------|----------------------------------|--------------------------|---------------------------|----------------|
| <b>Offset Design</b>         | GREEN BERET FEDERAL PROJECT (BULLDOG 2535) - GREEN BERET FED COM #501H - OWB - F |                              |                              |                         |                      |                              |                                            |                     |                               |                                |                                  |                          | <b>Offset Site Error:</b> | 3.0 usft       |
| <b>Survey Program:</b>       | 0-MWD+IFR1+FDIR                                                                  |                              |                              |                         |                      |                              |                                            |                     |                               |                                |                                  |                          | <b>Offset Well Error:</b> | 3.0 usft       |
| <b>Reference</b>             | <b>Offset</b>                                                                    | <b>Semi Major Axis</b>       |                              | <b>Distance</b>         |                      |                              |                                            |                     |                               |                                |                                  |                          |                           | <b>Warning</b> |
| <b>Measured Depth (usft)</b> | <b>Vertical Depth (usft)</b>                                                     | <b>Measured Depth (usft)</b> | <b>Vertical Depth (usft)</b> | <b>Reference (usft)</b> | <b>Offset (usft)</b> | <b>Highside Toolface (°)</b> | <b>Offset Wellbore Centre +N/-S (usft)</b> | <b>+E/-W (usft)</b> | <b>Between Centres (usft)</b> | <b>Between Ellipses (usft)</b> | <b>Minimum Separation (usft)</b> | <b>Separation Factor</b> |                           |                |
| 6,000.0                      | 5,981.9                                                                          | 6,000.1                      | 5,991.9                      | 7.3                     | 21.5                 | -9.91                        | 133.1                                      | -1,332.6            | 992.9                         | 965.1                          | 27.86                            | 35.643                   |                           |                |
| 6,100.0                      | 6,081.4                                                                          | 6,099.6                      | 6,091.2                      | 7.4                     | 21.9                 | -9.61                        | 140.0                                      | -1,333.4            | 983.8                         | 955.5                          | 28.33                            | 34.727                   |                           |                |
| 6,200.0                      | 6,180.8                                                                          | 6,199.1                      | 6,190.4                      | 7.5                     | 22.2                 | -9.31                        | 146.8                                      | -1,334.2            | 974.8                         | 946.0                          | 28.80                            | 33.841                   |                           |                |
| 6,300.0                      | 6,280.3                                                                          | 6,298.5                      | 6,289.6                      | 7.7                     | 22.6                 | -9.00                        | 153.7                                      | -1,335.1            | 965.8                         | 936.5                          | 29.28                            | 32.983                   |                           |                |
| 6,400.0                      | 6,379.7                                                                          | 6,398.0                      | 6,388.8                      | 7.8                     | 22.9                 | -8.69                        | 160.6                                      | -1,335.9            | 956.8                         | 927.0                          | 29.76                            | 32.153                   |                           |                |
| 6,500.0                      | 6,479.2                                                                          | 6,497.4                      | 6,488.0                      | 7.9                     | 23.3                 | -8.37                        | 167.5                                      | -1,336.7            | 947.8                         | 917.6                          | 30.23                            | 31.348                   |                           |                |
| 6,600.0                      | 6,578.6                                                                          | 6,596.9                      | 6,587.2                      | 8.0                     | 23.7                 | -8.05                        | 174.4                                      | -1,337.6            | 938.9                         | 908.2                          | 30.71                            | 30.569                   |                           |                |
| 6,700.0                      | 6,678.1                                                                          | 6,696.3                      | 6,686.4                      | 8.1                     | 24.0                 | -7.72                        | 181.3                                      | -1,338.4            | 930.0                         | 898.8                          | 31.19                            | 29.813                   |                           |                |
| 6,800.0                      | 6,777.5                                                                          | 6,795.8                      | 6,785.7                      | 8.2                     | 24.4                 | -7.38                        | 188.2                                      | -1,339.2            | 921.1                         | 889.4                          | 31.67                            | 29.080                   |                           |                |
| 6,900.0                      | 6,877.0                                                                          | 6,895.3                      | 6,884.9                      | 8.3                     | 24.7                 | -7.04                        | 195.1                                      | -1,340.1            | 912.3                         | 880.1                          | 32.16                            | 28.369                   |                           |                |
| 7,000.0                      | 6,976.4                                                                          | 6,994.7                      | 6,984.1                      | 8.4                     | 25.1                 | -6.69                        | 201.9                                      | -1,340.9            | 903.5                         | 870.8                          | 32.64                            | 27.680                   |                           |                |
| 7,100.0                      | 7,075.9                                                                          | 7,094.2                      | 7,083.3                      | 8.6                     | 25.4                 | -6.33                        | 208.8                                      | -1,341.7            | 894.7                         | 861.6                          | 33.12                            | 27.011                   |                           |                |
| 7,200.0                      | 7,175.3                                                                          | 7,193.6                      | 7,182.5                      | 8.7                     | 25.8                 | -5.97                        | 215.7                                      | -1,342.5            | 885.9                         | 852.3                          | 33.61                            | 26.362                   |                           |                |
| 7,300.0                      | 7,274.8                                                                          | 7,293.1                      | 7,281.7                      | 8.8                     | 26.1                 | -5.60                        | 222.6                                      | -1,343.4            | 877.2                         | 843.1                          | 34.09                            | 25.731                   |                           |                |
| 7,400.0                      | 7,374.3                                                                          | 7,392.5                      | 7,381.0                      | 8.9                     | 26.5                 | -5.22                        | 229.5                                      | -1,344.2            | 868.6                         | 834.0                          | 34.58                            | 25.119                   |                           |                |
| 7,500.0                      | 7,473.7                                                                          | 7,492.0                      | 7,480.2                      | 9.0                     | 26.9                 | -4.84                        | 236.4                                      | -1,345.0            | 860.0                         | 824.9                          | 35.07                            | 24.524                   |                           |                |
| 7,600.0                      | 7,573.2                                                                          | 7,591.5                      | 7,579.4                      | 9.1                     | 27.2                 | -4.44                        | 243.3                                      | -1,345.9            | 851.4                         | 815.8                          | 35.55                            | 23.946                   |                           |                |
| 7,700.0                      | 7,672.6                                                                          | 7,690.9                      | 7,678.6                      | 9.3                     | 27.6                 | -4.04                        | 250.2                                      | -1,346.7            | 842.8                         | 806.8                          | 36.04                            | 23.384                   |                           |                |

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

## Concho Resources LLC

## Anticollision Report

|                           |                                            |                                     |                                  |
|---------------------------|--------------------------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>           | DELAWARE BASIN EAST                        | <b>Local Co-ordinate Reference:</b> | Well GREEN BERET FED COM #701H   |
| <b>Project:</b>           | BULLDOG PROSPECT (NM-E)                    | <b>TVD Reference:</b>               | KB=25' @ 3285.4usft (SCAN QUEST) |
| <b>Reference Site:</b>    | GREEN BERET FEDERAL PROJECT (BULLDOG 2535) | <b>MD Reference:</b>                | KB=25' @ 3285.4usft (SCAN QUEST) |
| <b>Site Error:</b>        | 3.0 usft                                   | <b>North Reference:</b>             | Grid                             |
| <b>Reference Well:</b>    | GREEN BERET FED COM #701H                  | <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 GREEN BERET FEDERAL PROJECT (BULLDOG 2535) - GREEN BERET FED COM #501H - OWB - F |                       |                       |                       |           |        |                 |                       |                                     |              |                        |                         |                           | 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  |
| 7,800.0                                                                                        | 7,772.1               | 7,790.4               | 7,777.8               | 9.4       | 27.9   | -3.63           |                       | 257.0                               | -1,347.5     | 834.3                  | 797.8                   | 36.53                     | 22.839             |          |
| 7,900.0                                                                                        | 7,871.5               | 7,889.8               | 7,877.0               | 9.5       | 28.3   | -3.21           |                       | 263.9                               | -1,348.4     | 825.9                  | 788.8                   | 37.02                     | 22.308             |          |
| 8,000.0                                                                                        | 7,971.0               | 7,989.3               | 7,976.2               | 9.6       | 28.6   | -2.79           |                       | 270.8                               | -1,349.2     | 817.4                  | 779.9                   | 37.51                     | 21.792             |          |
| 8,100.0                                                                                        | 8,070.4               | 8,088.8               | 8,075.5               | 9.7       | 29.0   | -2.35           |                       | 277.7                               | -1,350.0     | 809.1                  | 771.1                   | 38.00                     | 21.290             |          |
| 8,200.0                                                                                        | 8,169.9               | 8,188.2               | 8,174.7               | 9.9       | 29.4   | -1.91           |                       | 284.6                               | -1,350.9     | 800.8                  | 762.3                   | 38.49                     | 20.802             |          |
| 8,300.0                                                                                        | 8,269.3               | 8,287.7               | 8,273.9               | 10.0      | 29.7   | -1.45           |                       | 291.5                               | -1,351.7     | 792.5                  | 753.5                   | 38.99                     | 20.327             |          |
| 8,400.0                                                                                        | 8,368.8               | 8,387.1               | 8,373.1               | 10.1      | 30.1   | -0.99           |                       | 298.4                               | -1,352.5     | 784.3                  | 744.8                   | 39.48                     | 19.865             |          |
| 8,500.0                                                                                        | 8,468.2               | 8,487.9               | 8,473.6               | 10.2      | 30.4   | -0.51           |                       | 305.3                               | -1,353.4     | 776.1                  | 736.1                   | 39.98                     | 19.412             |          |
| 8,600.0                                                                                        | 8,567.7               | 8,597.2               | 8,582.9               | 10.3      | 30.8   | -0.17           |                       | 310.3                               | -1,354.0     | 767.2                  | 726.6                   | 40.52                     | 18.935             |          |
| 8,700.0                                                                                        | 8,667.1               | 8,703.6               | 8,689.2               | 10.5      | 31.2   | -0.10           |                       | 311.3                               | -1,354.1     | 757.0                  | 716.0                   | 41.03                     | 18.452             |          |
| 8,800.0                                                                                        | 8,766.6               | 8,803.1               | 8,788.7               | 10.6      | 31.6   | -0.10           |                       | 311.3                               | -1,354.1     | 746.6                  | 705.1                   | 41.50                     | 17.988             |          |
| 8,900.0                                                                                        | 8,866.0               | 8,902.5               | 8,888.1               | 10.7      | 31.9   | -0.10           |                       | 311.3                               | -1,354.1     | 736.1                  | 694.1                   | 41.98                     | 17.535             |          |
| 9,000.0                                                                                        | 8,965.5               | 9,002.0               | 8,987.6               | 10.8      | 32.3   | -0.10           |                       | 311.3                               | -1,354.1     | 725.7                  | 683.2                   | 42.46                     | 17.092             |          |
| 9,100.0                                                                                        | 9,064.9               | 9,101.4               | 9,087.0               | 11.0      | 32.6   | -0.10           |                       | 311.3                               | -1,354.1     | 715.2                  | 672.3                   | 42.93                     | 16.658             |          |
| 9,200.0                                                                                        | 9,164.4               | 9,200.9               | 9,186.5               | 11.1      | 33.0   | -0.11           |                       | 311.3                               | -1,354.1     | 704.7                  | 661.3                   | 43.41                     | 16.234             |          |
| 9,300.0                                                                                        | 9,263.8               | 9,300.3               | 9,285.9               | 11.2      | 33.3   | -0.11           |                       | 311.3                               | -1,354.1     | 694.3                  | 650.4                   | 43.89                     | 15.819             |          |
| 9,400.0                                                                                        | 9,363.3               | 9,399.8               | 9,385.4               | 11.3      | 33.7   | -0.11           |                       | 311.3                               | -1,354.1     | 683.8                  | 639.5                   | 44.37                     | 15.413             |          |
| 9,500.0                                                                                        | 9,462.7               | 9,499.2               | 9,484.8               | 11.5      | 34.0   | -0.11           |                       | 311.3                               | -1,354.1     | 673.4                  | 628.5                   | 44.85                     | 15.016             |          |
| 9,600.0                                                                                        | 9,562.2               | 9,598.7               | 9,584.3               | 11.6      | 34.4   | -0.11           |                       | 311.3                               | -1,354.1     | 662.9                  | 617.6                   | 45.32                     | 14.627             |          |
| 9,700.0                                                                                        | 9,661.7               | 9,698.1               | 9,683.8               | 11.7      | 34.7   | -0.11           |                       | 311.3                               | -1,354.1     | 652.5                  | 606.7                   | 45.80                     | 14.245             |          |
| 9,800.0                                                                                        | 9,761.1               | 9,797.6               | 9,783.2               | 11.8      | 35.1   | -0.12           |                       | 311.3                               | -1,354.1     | 642.0                  | 595.7                   | 46.28                     | 13.872             |          |
| 9,900.0                                                                                        | 9,860.6               | 9,897.0               | 9,882.7               | 12.0      | 35.4   | -0.12           |                       | 311.3                               | -1,354.1     | 631.6                  | 584.8                   | 46.76                     | 13.506             |          |
| 10,000.0                                                                                       | 9,960.0               | 9,996.5               | 9,982.1               | 12.1      | 35.8   | -0.12           |                       | 311.3                               | -1,354.1     | 621.1                  | 573.9                   | 47.24                     | 13.148             |          |
| 10,100.0                                                                                       | 10,059.5              | 10,096.0              | 10,081.6              | 12.2      | 36.1   | -0.12           |                       | 311.3                               | -1,354.1     | 610.7                  | 563.0                   | 47.72                     | 12.797             |          |
| 10,200.0                                                                                       | 10,158.9              | 10,195.4              | 10,181.0              | 12.3      | 36.5   | -0.12           |                       | 311.3                               | -1,354.1     | 600.2                  | 552.0                   | 48.20                     | 12.453             |          |
| 10,300.0                                                                                       | 10,258.4              | 10,294.9              | 10,280.5              | 12.5      | 36.9   | -0.13           |                       | 311.3                               | -1,354.1     | 589.8                  | 541.1                   | 48.68                     | 12.115             |          |
| 10,400.0                                                                                       | 10,357.8              | 10,394.3              | 10,379.9              | 12.6      | 37.2   | -0.13           |                       | 311.3                               | -1,354.1     | 579.3                  | 530.2                   | 49.16                     | 11.784             |          |
| 10,500.0                                                                                       | 10,457.3              | 10,493.8              | 10,479.4              | 12.7      | 37.6   | -0.13           |                       | 311.3                               | -1,354.1     | 568.9                  | 519.2                   | 49.64                     | 11.459             |          |
| 10,513.3                                                                                       | 10,470.5              | 10,506.7              | 10,492.3              | 12.7      | 37.6   | -0.15           |                       | 311.2                               | -1,354.1     | 567.5                  | 517.8                   | 49.70                     | 11.418             |          |
| 10,525.0                                                                                       | 10,482.1              | 10,517.9              | 10,503.5              | 12.8      | 37.6   | 12.23           |                       | 310.8                               | -1,354.2     | 566.2                  | 516.5                   | 49.75                     | 11.382             |          |
| 10,550.0                                                                                       | 10,506.9              | 10,542.1              | 10,527.6              | 12.8      | 37.7   | 32.00           |                       | 309.0                               | -1,354.7     | 563.4                  | 513.5                   | 49.85                     | 11.302             |          |
| 10,575.0                                                                                       | 10,531.6              | 10,566.1              | 10,551.5              | 12.8      | 37.8   | 44.15           |                       | 306.2                               | -1,355.4     | 560.3                  | 510.4                   | 49.95                     | 11.218             |          |
| 10,600.0                                                                                       | 10,556.1              | 10,590.1              | 10,575.1              | 12.9      | 37.9   | 51.84           |                       | 302.1                               | -1,356.4     | 557.0                  | 507.0                   | 50.04                     | 11.131             |          |
| 10,625.0                                                                                       | 10,580.3              | 10,614.1              | 10,598.5              | 12.9      | 37.9   | 57.05           |                       | 297.0                               | -1,357.7     | 553.5                  | 503.4                   | 50.13                     | 11.041             |          |
| 10,650.0                                                                                       | 10,604.2              | 10,638.0              | 10,621.5              | 12.9      | 38.0   | 60.83           |                       | 290.7                               | -1,359.3     | 549.8                  | 499.6                   | 50.22                     | 10.947             |          |
| 10,675.0                                                                                       | 10,627.7              | 10,661.9              | 10,644.1              | 13.0      | 38.1   | 63.73           |                       | 283.3                               | -1,361.2     | 545.9                  | 495.6                   | 50.31                     | 10.851             |          |
| 10,700.0                                                                                       | 10,650.7              | 10,685.7              | 10,666.3              | 13.0      | 38.1   | 66.06           |                       | 274.8                               | -1,363.4     | 541.8                  | 491.4                   | 50.40                     | 10.751             |          |
| 10,725.0                                                                                       | 10,673.2              | 10,709.5              | 10,687.9              | 13.1      | 38.2   | 68.01           |                       | 265.3                               | -1,365.8     | 537.5                  | 487.0                   | 50.48                     | 10.648             |          |
| 10,750.0                                                                                       | 10,695.1              | 10,733.2              | 10,709.1              | 13.1      | 38.3   | 69.68           |                       | 254.8                               | -1,368.4     | 533.1                  | 482.5                   | 50.56                     | 10.542             |          |
| 10,775.0                                                                                       | 10,716.4              | 10,756.9              | 10,729.6              | 13.2      | 38.3   | 71.17           |                       | 243.3                               | -1,371.4     | 528.5                  | 477.8                   | 50.65                     | 10.434             |          |
| 10,800.0                                                                                       | 10,737.0              | 10,780.7              | 10,749.5              | 13.3      | 38.4   | 72.52           |                       | 230.9                               | -1,374.5     | 523.7                  | 473.0                   | 50.73                     | 10.323             |          |
| 10,825.0                                                                                       | 10,756.8              | 10,804.3              | 10,768.7              | 13.3      | 38.4   | 73.77           |                       | 217.5                               | -1,377.9     | 518.9                  | 468.0                   | 50.82                     | 10.210             |          |
| 10,850.0                                                                                       | 10,775.8              | 10,828.0              | 10,787.2              | 13.4      | 38.5   | 74.94           |                       | 203.2                               | -1,381.6     | 513.9                  | 463.0                   | 50.91                     | 10.094             |          |
| 10,875.0                                                                                       | 10,793.9              | 10,851.7              | 10,805.0              | 13.5      | 38.5   | 76.05           |                       | 188.0                               | -1,385.4     | 508.8                  | 457.8                   | 51.00                     | 9.977              |          |
| 10,900.0                                                                                       | 10,811.1              | 10,875.0              | 10,821.7              | 13.6      | 38.5   | 77.11           |                       | 172.2                               | -1,389.4     | 503.6                  | 452.5                   | 51.09                     | 9.857              |          |
| 10,925.0                                                                                       | 10,827.4              | 10,899.0              | 10,838.1              | 13.7      | 38.6   | 78.14           |                       | 155.2                               | -1,393.7     | 498.4                  | 447.2                   | 51.19                     | 9.736              |          |
| 10,950.0                                                                                       | 10,842.6              | 10,922.7              | 10,853.3              | 13.8      | 38.6   | 79.14           |                       | 137.6                               | -1,398.2     | 493.1                  | 441.8                   | 51.29                     | 9.614              |          |
| 10,975.0                                                                                       | 10,856.9              | 10,946.4              | 10,867.7              | 13.9      | 38.6   | 80.12           |                       | 119.4                               | -1,402.8     | 487.7                  | 436.3                   | 51.40                     | 9.490              |          |
| 11,000.0                                                                                       | 10,870.0              | 10,970.1              | 10,881.1              | 14.1      | 38.7   | 81.08           |                       | 100.4                               | -1,407.7     | 482.4                  | 430.9                   | 51.51                     | 9.365              |          |
| 11,025.0                                                                                       | 10,882.0              | 10,993.9              | 10,893.5              | 14.2      | 38.7   | 82.02           |                       | 80.7                                | -1,412.7     | 477.0                  | 425.4                   | 51.62                     | 9.240              |          |
| 11,050.0                                                                                       | 10,892.8              | 11,017.7              | 10,904.9              | 14.3      | 38.7   | 82.95           |                       | 60.5                                | -1,417.8     | 471.6                  | 419.9                   | 51.74                     | 9.114              |          |

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

# Concho Resources LLC

## Anticollision Report

|                           |                                            |                                     |                                  |
|---------------------------|--------------------------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>           | DELAWARE BASIN EAST                        | <b>Local Co-ordinate Reference:</b> | Well GREEN BERET FED COM #701H   |
| <b>Project:</b>           | BULLDOG PROSPECT (NM-E)                    | <b>TVD Reference:</b>               | KB=25' @ 3285.4usft (SCAN QUEST) |
| <b>Reference Site:</b>    | GREEN BERET FEDERAL PROJECT (BULLDOG 2535) | <b>MD Reference:</b>                | KB=25' @ 3285.4usft (SCAN QUEST) |
| <b>Site Error:</b>        | 3.0 usft                                   | <b>North Reference:</b>             | Grid                             |
| <b>Reference Well:</b>    | GREEN BERET FED COM #701H                  | <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 GREEN BERET FEDERAL PROJECT (BULLDOG 2535) - GREEN BERET FED COM #501H - OWB - F |                       |                       |                       |                  |               |                 |                       |                                     |              |                        |                         |                           | 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  |
| 11,075.0                                                                                       | 10,902.4              | 11,041.6              | 10,915.3              | 14.5             | 38.8          | 83.87           |                       | 39.7                                | -1,423.1     | 466.2                  | 414.4                   | 51.87                     | 8.989              |          |
| 11,100.0                                                                                       | 10,910.9              | 11,065.5              | 10,924.7              | 14.6             | 38.8          | 84.77           |                       | 18.3                                | -1,428.5     | 460.9                  | 408.9                   | 52.00                     | 8.863              |          |
| 11,125.0                                                                                       | 10,918.1              | 11,089.5              | 10,932.9              | 14.8             | 38.8          | 85.66           |                       | -3.5                                | -1,434.0     | 455.6                  | 403.5                   | 52.14                     | 8.739              |          |
| 11,150.0                                                                                       | 10,924.0              | 11,113.5              | 10,940.0              | 14.9             | 38.8          | 86.54           |                       | -25.8                               | -1,439.7     | 450.4                  | 398.1                   | 52.28                     | 8.615              |          |
| 11,175.0                                                                                       | 10,928.7              | 11,137.7              | 10,946.0              | 15.1             | 38.9          | 87.40           |                       | -48.4                               | -1,445.5     | 445.2                  | 392.8                   | 52.42                     | 8.494              |          |
| 11,200.0                                                                                       | 10,932.1              | 11,161.9              | 10,950.8              | 15.3             | 38.9          | 88.25           |                       | -71.5                               | -1,451.3     | 440.2                  | 387.6                   | 52.57                     | 8.374              |          |
| 11,225.0                                                                                       | 10,934.2              | 11,186.2              | 10,954.4              | 15.5             | 38.9          | 89.08           |                       | -94.8                               | -1,457.2     | 435.2                  | 382.5                   | 52.72                     | 8.256              |          |
| 11,250.2                                                                                       | 10,935.0              | 11,210.8              | 10,956.8              | 15.6             | 38.9          | 89.90           |                       | -118.5                              | -1,463.3     | 430.4                  | 377.5                   | 52.87                     | 8.141              |          |
| 11,300.0                                                                                       | 10,935.2              | 11,267.2              | 10,958.1              | 16.0             | 38.9          | 90.05           |                       | -173.2                              | -1,476.9     | 421.6                  | 368.5                   | 53.07                     | 7.944              |          |
| 11,400.0                                                                                       | 10,935.8              | 11,405.2              | 10,958.8              | 16.7             | 39.0          | 90.07           |                       | -308.8                              | -1,502.0     | 402.9                  | 349.8                   | 53.14                     | 7.583              |          |
| 11,500.0                                                                                       | 10,936.4              | 11,539.9              | 10,959.6              | 17.5             | 39.1          | 90.10           |                       | -442.9                              | -1,513.9     | 381.8                  | 328.7                   | 53.16                     | 7.183              |          |
| 11,600.0                                                                                       | 10,936.9              | 11,656.2              | 10,960.2              | 18.3             | 39.2          | 90.13           |                       | -559.2                              | -1,514.6     | 359.4                  | 305.9                   | 53.48                     | 6.719              |          |
| 11,700.0                                                                                       | 10,937.5              | 11,754.7              | 10,960.7              | 19.0             | 39.3          | 90.16           |                       | -657.7                              | -1,513.7     | 342.4                  | 288.1                   | 54.29                     | 6.307              |          |
| 11,800.0                                                                                       | 10,938.0              | 11,854.2              | 10,961.3              | 19.8             | 39.4          | 90.18           |                       | -757.2                              | -1,512.8     | 332.4                  | 277.2                   | 55.20                     | 6.022              |          |
| 11,893.8                                                                                       | 10,938.5              | 11,948.0              | 10,961.8              | 20.5             | 39.5          | 90.20           |                       | -850.9                              | -1,511.9     | 329.3                  | 273.2                   | 56.12                     | 5.869 CC           |          |
| 11,894.0                                                                                       | 10,938.5              | 11,948.1              | 10,961.8              | 20.5             | 39.5          | 90.20           |                       | -851.1                              | -1,511.9     | 329.3                  | 273.2                   | 56.12                     | 5.869              |          |
| 11,900.0                                                                                       | 10,938.6              | 11,954.1              | 10,961.8              | 20.5             | 39.5          | 90.20           |                       | -857.1                              | -1,511.9     | 329.3                  | 273.2                   | 56.18                     | 5.862              |          |
| 12,000.0                                                                                       | 10,939.1              | 12,054.1              | 10,962.4              | 21.3             | 39.7          | 90.20           |                       | -957.1                              | -1,510.9     | 329.3                  | 272.1                   | 57.23                     | 5.755              |          |
| 12,100.0                                                                                       | 10,939.7              | 12,154.1              | 10,962.9              | 22.1             | 39.9          | 90.20           |                       | -1,057.1                            | -1,510.0     | 329.4                  | 271.0                   | 58.34                     | 5.645              |          |
| 12,200.0                                                                                       | 10,940.2              | 12,254.1              | 10,963.5              | 37.2             | 40.1          | 90.20           |                       | -1,157.1                            | -1,509.1     | 329.4                  | 270.3                   | 59.03                     | 5.580              |          |
| 12,300.0                                                                                       | 10,940.8              | 12,354.1              | 10,964.0              | 37.4             | 40.3          | 90.20           |                       | -1,257.1                            | -1,508.2     | 329.4                  | 270.1                   | 59.29                     | 5.555              |          |
| 12,400.0                                                                                       | 10,941.3              | 12,454.1              | 10,964.6              | 37.5             | 40.5          | 90.20           |                       | -1,357.1                            | -1,507.3     | 329.4                  | 269.8                   | 59.60                     | 5.526              |          |
| 12,500.0                                                                                       | 10,941.9              | 12,554.1              | 10,965.1              | 37.6             | 40.7          | 90.20           |                       | -1,457.1                            | -1,506.3     | 329.4                  | 269.4                   | 59.97                     | 5.492              |          |
| 12,600.0                                                                                       | 10,942.4              | 12,654.1              | 10,965.6              | 37.7             | 41.0          | 90.20           |                       | -1,557.0                            | -1,505.4     | 329.4                  | 269.0                   | 60.40                     | 5.454              |          |
| 12,700.0                                                                                       | 10,943.0              | 12,754.1              | 10,966.2              | 37.9             | 41.3          | 90.20           |                       | -1,657.0                            | -1,504.5     | 329.4                  | 268.5                   | 60.88                     | 5.411              |          |
| 12,800.0                                                                                       | 10,943.5              | 12,854.1              | 10,966.7              | 38.0             | 41.6          | 90.20           |                       | -1,757.0                            | -1,503.6     | 329.4                  | 268.0                   | 61.41                     | 5.364              |          |
| 12,900.0                                                                                       | 10,944.0              | 12,954.1              | 10,967.3              | 38.2             | 41.9          | 90.20           |                       | -1,857.0                            | -1,502.6     | 329.4                  | 267.4                   | 61.99                     | 5.314              |          |
| 13,000.0                                                                                       | 10,944.6              | 13,054.1              | 10,967.8              | 38.3             | 42.2          | 90.19           |                       | -1,957.0                            | -1,501.7     | 329.4                  | 266.8                   | 62.61                     | 5.261              |          |
| 13,100.0                                                                                       | 10,945.1              | 13,154.1              | 10,968.4              | 38.4             | 42.6          | 90.19           |                       | -2,057.0                            | -1,500.8     | 329.4                  | 266.2                   | 63.29                     | 5.205              |          |
| 13,200.0                                                                                       | 10,945.7              | 13,254.1              | 10,968.9              | 38.6             | 42.9          | 90.19           |                       | -2,157.0                            | -1,499.9     | 329.4                  | 265.4                   | 64.01                     | 5.147              |          |
| 13,300.0                                                                                       | 10,946.2              | 13,354.1              | 10,969.4              | 38.7             | 43.3          | 90.19           |                       | -2,257.0                            | -1,499.0     | 329.5                  | 264.7                   | 64.77                     | 5.087              |          |
| 13,400.0                                                                                       | 10,946.8              | 13,454.1              | 10,970.0              | 38.9             | 43.7          | 90.19           |                       | -2,357.0                            | -1,498.0     | 329.5                  | 263.9                   | 65.57                     | 5.025              |          |
| 13,500.0                                                                                       | 10,947.3              | 13,554.1              | 10,970.5              | 39.0             | 44.1          | 90.19           |                       | -2,457.0                            | -1,497.1     | 329.5                  | 263.1                   | 66.41                     | 4.961              |          |
| 13,600.0                                                                                       | 10,947.9              | 13,654.1              | 10,971.1              | 39.2             | 44.5          | 90.19           |                       | -2,557.0                            | -1,496.2     | 329.5                  | 262.2                   | 67.29                     | 4.896              |          |
| 13,700.0                                                                                       | 10,948.4              | 13,754.1              | 10,971.6              | 39.3             | 44.9          | 90.19           |                       | -2,657.0                            | -1,495.3     | 329.5                  | 261.3                   | 68.20                     | 4.831              |          |
| 13,800.0                                                                                       | 10,949.0              | 13,854.1              | 10,972.2              | 39.5             | 45.3          | 90.19           |                       | -2,757.0                            | -1,494.4     | 329.5                  | 260.3                   | 69.15                     | 4.765              |          |
| 13,900.0                                                                                       | 10,949.5              | 13,954.1              | 10,972.7              | 39.6             | 45.8          | 90.19           |                       | -2,857.0                            | -1,493.4     | 329.5                  | 259.4                   | 70.13                     | 4.698              |          |
| 14,000.0                                                                                       | 10,950.1              | 14,054.1              | 10,973.2              | 39.8             | 46.2          | 90.19           |                       | -2,957.0                            | -1,492.5     | 329.5                  | 258.4                   | 71.14                     | 4.632              |          |
| 14,100.0                                                                                       | 10,950.6              | 14,154.1              | 10,973.8              | 39.9             | 46.7          | 90.19           |                       | -3,057.0                            | -1,491.6     | 329.5                  | 257.3                   | 72.18                     | 4.565              |          |
| 14,200.0                                                                                       | 10,951.2              | 14,254.1              | 10,974.3              | 40.1             | 47.2          | 90.19           |                       | -3,157.0                            | -1,490.7     | 329.5                  | 256.3                   | 73.25                     | 4.499              |          |
| 14,300.0                                                                                       | 10,951.7              | 14,354.1              | 10,974.9              | 40.3             | 47.7          | 90.19           |                       | -3,256.9                            | -1,489.8     | 329.5                  | 255.2                   | 74.34                     | 4.433              |          |
| 14,400.0                                                                                       | 10,952.3              | 14,454.1              | 10,975.4              | 40.4             | 48.2          | 90.19           |                       | -3,356.9                            | -1,488.8     | 329.6                  | 254.1                   | 75.45                     | 4.368              |          |
| 14,500.0                                                                                       | 10,952.8              | 14,554.1              | 10,976.0              | 40.6             | 48.7          | 90.18           |                       | -3,456.9                            | -1,487.9     | 329.6                  | 253.0                   | 76.59                     | 4.303              |          |
| 14,600.0                                                                                       | 10,953.4              | 14,654.1              | 10,976.5              | 40.8             | 49.2          | 90.18           |                       | -3,556.9                            | -1,487.0     | 329.6                  | 251.8                   | 77.76                     | 4.238              |          |
| 14,700.0                                                                                       | 10,953.9              | 14,754.1              | 10,977.1              | 40.9             | 49.8          | 90.18           |                       | -3,656.9                            | -1,486.1     | 329.6                  | 250.6                   | 78.94                     | 4.175              |          |
| 14,800.0                                                                                       | 10,954.4              | 14,854.1              | 10,977.6              | 41.1             | 50.3          | 90.18           |                       | -3,756.9                            | -1,485.2     | 329.6                  | 249.4                   | 80.14                     | 4.113              |          |
| 14,900.0                                                                                       | 10,955.0              | 14,954.1              | 10,978.1              | 41.3             | 50.9          | 90.18           |                       | -3,856.9                            | -1,484.2     | 329.6                  | 248.2                   | 81.36                     | 4.051              |          |
| 15,000.0                                                                                       | 10,955.5              | 15,054.1              | 10,978.7              | 41.5             | 51.4          | 90.18           |                       | -3,956.9                            | -1,483.3     | 329.6                  | 247.0                   | 82.60                     | 3.990              |          |
| 15,100.0                                                                                       | 10,956.1              | 15,154.1              | 10,979.2              | 41.7             | 52.0          | 90.18           |                       | -4,056.9                            | -1,482.4     | 329.6                  | 245.7                   | 83.86                     | 3.930              |          |
| 15,200.0                                                                                       | 10,956.6              | 15,254.1              | 10,979.8              | 41.9             | 52.6          | 90.18           |                       | -4,156.9                            | -1,481.5     | 329.6                  | 244.5                   | 85.13                     | 3.872              |          |
| 15,300.0                                                                                       | 10,957.2              | 15,354.1              | 10,980.3              | 42.1             | 53.1          | 90.18           |                       | -4,256.9                            | -1,480.6     | 329.6                  | 243.2                   | 86.42                     | 3.814              |          |

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

# Concho Resources LLC

## Anticollision Report

|                           |                                            |                                     |                                  |
|---------------------------|--------------------------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>           | DELAWARE BASIN EAST                        | <b>Local Co-ordinate Reference:</b> | Well GREEN BERET FED COM #701H   |
| <b>Project:</b>           | BULLDOG PROSPECT (NM-E)                    | <b>TVD Reference:</b>               | KB=25' @ 3285.4usft (SCAN QUEST) |
| <b>Reference Site:</b>    | GREEN BERET FEDERAL PROJECT (BULLDOG 2535) | <b>MD Reference:</b>                | KB=25' @ 3285.4usft (SCAN QUEST) |
| <b>Site Error:</b>        | 3.0 usft                                   | <b>North Reference:</b>             | Grid                             |
| <b>Reference Well:</b>    | GREEN BERET FED COM #701H                  | <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 GREEN BERET FEDERAL PROJECT (BULLDOG 2535) - GREEN BERET FED COM #501H - OWB - F |                       |                       |                       |                  |               |                                       |                                     |              |                        |                         |                           |                   | 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            |          |
| 15,400.0                                                                                       | 10,957.7              | 15,454.1              | 10,980.9              | 42.3             | 53.7          | 90.18                                 | -4,356.9                            | -1,479.6     | 329.6                  | 241.9                   | 87.73                     | 3.758             |                    |          |
| 15,500.0                                                                                       | 10,958.3              | 15,554.1              | 10,981.4              | 42.5             | 54.3          | 90.18                                 | -4,456.9                            | -1,478.7     | 329.6                  | 240.6                   | 89.05                     | 3.702             |                    |          |
| 15,600.0                                                                                       | 10,958.8              | 15,654.1              | 10,981.9              | 42.7             | 54.9          | 90.18                                 | -4,556.9                            | -1,477.8     | 329.7                  | 239.3                   | 90.38                     | 3.648             |                    |          |
| 15,700.0                                                                                       | 10,959.4              | 15,754.1              | 10,982.5              | 43.0             | 55.6          | 90.18                                 | -4,656.9                            | -1,476.9     | 329.7                  | 237.9                   | 91.72                     | 3.594             |                    |          |
| 15,800.0                                                                                       | 10,959.9              | 15,854.1              | 10,983.0              | 43.2             | 56.2          | 90.18                                 | -4,756.9                            | -1,475.9     | 329.7                  | 236.6                   | 93.08                     | 3.542             |                    |          |
| 15,900.0                                                                                       | 10,960.5              | 15,954.1              | 10,983.6              | 43.5             | 56.8          | 90.17                                 | -4,856.9                            | -1,475.0     | 329.7                  | 235.2                   | 94.45                     | 3.491             |                    |          |
| 16,000.0                                                                                       | 10,961.0              | 16,054.1              | 10,984.1              | 43.8             | 57.4          | 90.17                                 | -4,956.9                            | -1,474.1     | 329.7                  | 233.9                   | 95.82                     | 3.441             |                    |          |
| 16,100.0                                                                                       | 10,961.6              | 16,154.1              | 10,984.7              | 44.1             | 58.1          | 90.17                                 | -5,056.8                            | -1,473.2     | 329.7                  | 232.5                   | 97.21                     | 3.391             |                    |          |
| 16,200.0                                                                                       | 10,962.1              | 16,254.1              | 10,985.2              | 44.4             | 58.7          | 90.17                                 | -5,156.8                            | -1,472.3     | 329.7                  | 231.1                   | 98.62                     | 3.343             |                    |          |
| 16,300.0                                                                                       | 10,962.7              | 16,354.1              | 10,985.8              | 44.7             | 59.4          | 90.17                                 | -5,256.8                            | -1,471.3     | 329.7                  | 229.7                   | 100.03                    | 3.296             |                    |          |
| 16,400.0                                                                                       | 10,963.2              | 16,454.1              | 10,986.3              | 45.1             | 60.0          | 90.17                                 | -5,356.8                            | -1,470.4     | 329.7                  | 228.3                   | 101.44                    | 3.250             |                    |          |
| 16,500.0                                                                                       | 10,963.8              | 16,554.1              | 10,986.8              | 45.5             | 60.7          | 90.17                                 | -5,456.8                            | -1,469.5     | 329.7                  | 226.9                   | 102.87                    | 3.205             |                    |          |
| 16,600.0                                                                                       | 10,964.3              | 16,654.1              | 10,987.4              | 45.9             | 61.3          | 90.17                                 | -5,556.8                            | -1,468.6     | 329.7                  | 225.4                   | 104.31                    | 3.161             |                    |          |
| 16,700.0                                                                                       | 10,964.8              | 16,754.1              | 10,987.9              | 46.4             | 62.0          | 90.17                                 | -5,656.8                            | -1,467.7     | 329.7                  | 224.0                   | 105.76                    | 3.118             |                    |          |
| 16,800.0                                                                                       | 10,965.4              | 16,854.1              | 10,988.5              | 46.9             | 62.7          | 90.17                                 | -5,756.8                            | -1,466.7     | 329.8                  | 222.5                   | 107.21                    | 3.076             |                    |          |
| 16,900.0                                                                                       | 10,965.9              | 16,954.1              | 10,989.0              | 47.4             | 63.4          | 90.17                                 | -5,856.8                            | -1,465.8     | 329.8                  | 221.1                   | 108.67                    | 3.035             |                    |          |
| 17,000.0                                                                                       | 10,966.5              | 17,054.1              | 10,989.6              | 48.0             | 64.0          | 90.17                                 | -5,956.8                            | -1,464.9     | 329.8                  | 219.6                   | 110.14                    | 2.994             |                    |          |
| 17,100.0                                                                                       | 10,967.0              | 17,154.1              | 10,990.1              | 48.6             | 64.7          | 90.17                                 | -6,056.8                            | -1,464.0     | 329.8                  | 218.2                   | 111.61                    | 2.955             |                    |          |
| 17,200.0                                                                                       | 10,967.6              | 17,254.1              | 10,990.6              | 49.2             | 65.4          | 90.17                                 | -6,156.8                            | -1,463.1     | 329.8                  | 216.7                   | 113.10                    | 2.916             |                    |          |
| 17,300.0                                                                                       | 10,968.1              | 17,354.1              | 10,991.2              | 49.8             | 66.1          | 90.17                                 | -6,256.8                            | -1,462.1     | 329.8                  | 215.2                   | 114.58                    | 2.878             |                    |          |
| 17,400.0                                                                                       | 10,968.7              | 17,454.1              | 10,991.7              | 50.5             | 66.8          | 90.16                                 | -6,356.8                            | -1,461.2     | 329.8                  | 213.7                   | 116.08                    | 2.841             |                    |          |
| 17,500.0                                                                                       | 10,969.2              | 17,554.1              | 10,992.3              | 51.2             | 67.5          | 90.16                                 | -6,456.8                            | -1,460.3     | 329.8                  | 212.2                   | 117.58                    | 2.805             |                    |          |
| 17,600.0                                                                                       | 10,969.8              | 17,654.1              | 10,992.8              | 51.9             | 68.2          | 90.16                                 | -6,556.8                            | -1,459.4     | 329.8                  | 210.7                   | 119.09                    | 2.770             |                    |          |
| 17,700.0                                                                                       | 10,970.3              | 17,754.1              | 10,993.4              | 52.6             | 68.9          | 90.16                                 | -6,656.8                            | -1,458.5     | 329.8                  | 209.2                   | 120.60                    | 2.735             |                    |          |
| 17,800.0                                                                                       | 10,970.9              | 17,854.1              | 10,993.9              | 53.3             | 69.7          | 90.16                                 | -6,756.7                            | -1,457.5     | 329.8                  | 207.7                   | 122.12                    | 2.701             |                    |          |
| 17,900.0                                                                                       | 10,971.4              | 17,954.1              | 10,994.4              | 54.0             | 70.4          | 90.16                                 | -6,856.7                            | -1,456.6     | 329.9                  | 206.2                   | 123.64                    | 2.668             |                    |          |
| 18,000.0                                                                                       | 10,972.0              | 18,054.1              | 10,995.0              | 54.8             | 71.1          | 90.16                                 | -6,956.7                            | -1,455.7     | 329.9                  | 204.7                   | 125.17                    | 2.635             |                    |          |
| 18,100.0                                                                                       | 10,972.5              | 18,154.1              | 10,995.5              | 55.5             | 71.8          | 90.16                                 | -7,056.7                            | -1,454.8     | 329.9                  | 203.2                   | 126.70                    | 2.604             |                    |          |
| 18,200.0                                                                                       | 10,973.1              | 18,254.1              | 10,996.1              | 56.3             | 72.6          | 90.16                                 | -7,156.7                            | -1,453.9     | 329.9                  | 201.6                   | 128.24                    | 2.572             |                    |          |
| 18,300.0                                                                                       | 10,973.6              | 18,354.1              | 10,996.6              | 57.1             | 73.3          | 90.16                                 | -7,256.7                            | -1,452.9     | 329.9                  | 200.1                   | 129.78                    | 2.542             |                    |          |
| 18,400.0                                                                                       | 10,974.2              | 18,454.1              | 10,997.2              | 57.8             | 74.0          | 90.16                                 | -7,356.7                            | -1,452.0     | 329.9                  | 198.6                   | 131.33                    | 2.512             |                    |          |
| 18,500.0                                                                                       | 10,974.7              | 18,554.1              | 10,997.7              | 58.6             | 74.6          | 90.16                                 | -7,456.7                            | -1,451.1     | 329.9                  | 197.1                   | 132.76                    | 2.485             |                    |          |
| 18,504.7                                                                                       | 10,974.7              | 18,558.8              | 10,997.7              | 58.7             | 74.7          | 90.16                                 | -7,461.4                            | -1,451.1     | 329.9                  | 197.1                   | 132.83                    | 2.484             |                    |          |
| 18,554.3                                                                                       | 10,975.0              | 18,607.7              | 10,998.0              | 59.0             | 74.9          | 90.16                                 | -7,510.3                            | -1,450.6     | 329.9                  | 196.4                   | 133.50                    | 2.471             |                    |          |
| 18,555.2                                                                                       | 10,975.0              | 18,607.7              | 10,998.0              | 59.0             | 74.9          | 90.16                                 | -7,510.3                            | -1,450.6     | 329.9                  | 196.4                   | 133.53                    | 2.471 ES, SF      |                    |          |

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

# Concho Resources LLC

## Anticollision Report

|                           |                                            |                                     |                                  |
|---------------------------|--------------------------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>           | DELAWARE BASIN EAST                        | <b>Local Co-ordinate Reference:</b> | Well GREEN BERET FED COM #701H   |
| <b>Project:</b>           | BULLDOG PROSPECT (NM-E)                    | <b>TVD Reference:</b>               | KB=25' @ 3285.4usft (SCAN QUEST) |
| <b>Reference Site:</b>    | GREEN BERET FEDERAL PROJECT (BULLDOG 2535) | <b>MD Reference:</b>                | KB=25' @ 3285.4usft (SCAN QUEST) |
| <b>Site Error:</b>        | 3.0 usft                                   | <b>North Reference:</b>             | Grid                             |
| <b>Reference Well:</b>    | GREEN BERET FED COM #701H                  | <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 GREEN BERET FEDERAL PROJECT (BULLDOG 2535) - GREEN BERET FED COM #601H - OWB - F |                       |                       |                       |           |        |                 |                       |                                     |              |                        |                         |                           | 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  |
| 0.0                                                                                            | 0.0                   | 0.4                   | 0.4                   | 3.0       | 3.0    | 89.62           |                       | 0.2                                 | 30.0         | 30.0                   |                         |                           |                    |          |
| 100.0                                                                                          | 100.0                 | 100.4                 | 100.4                 | 3.0       | 3.0    | 89.62           |                       | 0.2                                 | 30.0         | 30.0                   | 24.0                    | 6.00                      | 4.998              |          |
| 200.0                                                                                          | 200.0                 | 200.4                 | 200.4                 | 3.0       | 3.0    | 89.62           |                       | 0.2                                 | 30.0         | 30.0                   | 24.0                    | 6.04                      | 4.967              |          |
| 300.0                                                                                          | 300.0                 | 300.4                 | 300.4                 | 3.0       | 3.1    | 89.62           |                       | 0.2                                 | 30.0         | 30.0                   | 23.9                    | 6.12                      | 4.902              |          |
| 400.0                                                                                          | 400.0                 | 400.4                 | 400.4                 | 3.0       | 3.2    | 89.62           |                       | 0.2                                 | 30.0         | 30.0                   | 23.8                    | 6.24                      | 4.807              |          |
| 500.0                                                                                          | 500.0                 | 500.4                 | 500.4                 | 3.1       | 3.4    | 89.62           |                       | 0.2                                 | 30.0         | 30.0                   | 23.6                    | 6.40                      | 4.690              |          |
| 600.0                                                                                          | 600.0                 | 600.4                 | 600.4                 | 3.1       | 3.6    | 89.62           |                       | 0.2                                 | 30.0         | 30.0                   | 23.4                    | 6.58                      | 4.557              |          |
| 700.0                                                                                          | 700.0                 | 700.4                 | 700.4                 | 3.1       | 3.8    | 89.62           |                       | 0.2                                 | 30.0         | 30.0                   | 23.2                    | 6.80                      | 4.413              |          |
| 800.0                                                                                          | 800.0                 | 800.4                 | 800.4                 | 3.2       | 4.0    | 89.62           |                       | 0.2                                 | 30.0         | 30.0                   | 23.0                    | 7.04                      | 4.264              |          |
| 900.0                                                                                          | 900.0                 | 900.4                 | 900.4                 | 3.2       | 4.2    | 89.62           |                       | 0.2                                 | 30.0         | 30.0                   | 22.7                    | 7.29                      | 4.113              |          |
| 1,000.0                                                                                        | 1,000.0               | 1,000.4               | 1,000.4               | 3.2       | 4.5    | 89.62           |                       | 0.2                                 | 30.0         | 30.0                   | 22.4                    | 7.57                      | 3.964              |          |
| 1,100.0                                                                                        | 1,100.0               | 1,100.4               | 1,100.4               | 3.3       | 4.8    | 89.62           |                       | 0.2                                 | 30.0         | 30.0                   | 22.1                    | 7.86                      | 3.818              |          |
| 1,200.0                                                                                        | 1,200.0               | 1,200.4               | 1,200.4               | 3.4       | 5.1    | 89.62           |                       | 0.2                                 | 30.0         | 30.0                   | 21.8                    | 8.16                      | 3.678              |          |
| 1,300.0                                                                                        | 1,300.0               | 1,300.4               | 1,300.4               | 3.4       | 5.3    | 89.62           |                       | 0.2                                 | 30.0         | 30.0                   | 21.5                    | 8.47                      | 3.542              |          |
| 1,400.0                                                                                        | 1,400.0               | 1,400.4               | 1,400.4               | 3.5       | 5.6    | 89.62           |                       | 0.2                                 | 30.0         | 30.0                   | 21.2                    | 8.79                      | 3.413              |          |
| 1,500.0                                                                                        | 1,500.0               | 1,500.4               | 1,500.4               | 3.5       | 6.0    | 89.62           |                       | 0.2                                 | 30.0         | 30.0                   | 20.9                    | 9.12                      | 3.290              |          |
| 1,600.0                                                                                        | 1,600.0               | 1,600.4               | 1,600.4               | 3.6       | 6.3    | 89.62           |                       | 0.2                                 | 30.0         | 30.0                   | 20.5                    | 9.45                      | 3.174              |          |
| 1,700.0                                                                                        | 1,700.0               | 1,700.4               | 1,700.4               | 3.7       | 6.6    | 89.62           |                       | 0.2                                 | 30.0         | 30.0                   | 20.2                    | 9.79                      | 3.063              |          |
| 1,800.0                                                                                        | 1,800.0               | 1,800.4               | 1,800.4               | 3.8       | 6.9    | 89.62           |                       | 0.2                                 | 30.0         | 30.0                   | 19.9                    | 10.14                     | 2.959              |          |
| 1,900.0                                                                                        | 1,900.0               | 1,900.4               | 1,900.4               | 3.9       | 7.2    | 89.62           |                       | 0.2                                 | 30.0         | 30.0                   | 19.5                    | 10.49                     | 2.860              |          |
| 2,000.0                                                                                        | 2,000.0               | 2,000.4               | 2,000.4               | 3.9       | 7.6    | 89.62           |                       | 0.2                                 | 30.0         | 30.0                   | 19.2                    | 10.85                     | 2.766              |          |
| 2,100.0                                                                                        | 2,100.0               | 2,100.4               | 2,100.4               | 4.0       | 7.9    | 89.62           |                       | 0.2                                 | 30.0         | 30.0                   | 18.8                    | 11.21                     | 2.677              |          |
| 2,200.0                                                                                        | 2,200.0               | 2,200.4               | 2,200.4               | 4.1       | 8.2    | 89.62           |                       | 0.2                                 | 30.0         | 30.0                   | 18.4                    | 11.57                     | 2.593              |          |
| 2,300.0                                                                                        | 2,300.0               | 2,300.4               | 2,300.4               | 4.2       | 8.6    | 89.62           |                       | 0.2                                 | 30.0         | 30.0                   | 18.1                    | 11.94                     | 2.513              |          |
| 2,400.0                                                                                        | 2,400.0               | 2,400.4               | 2,400.4               | 4.3       | 8.9    | 89.62           |                       | 0.2                                 | 30.0         | 30.0                   | 17.7                    | 12.31                     | 2.438              |          |
| 2,500.0                                                                                        | 2,500.0               | 2,500.4               | 2,500.4               | 4.4       | 9.2    | 89.62           |                       | 0.2                                 | 30.0         | 30.0                   | 17.3                    | 12.68                     | 2.366 CC, ES, SF   |          |
| 2,600.0                                                                                        | 2,600.0               | 2,600.4               | 2,600.4               | 4.5       | 9.6    | 167.34          |                       | 0.2                                 | 30.0         | 31.7                   | 18.6                    | 13.05                     | 2.429              |          |
| 2,700.0                                                                                        | 2,699.8               | 2,700.2               | 2,700.2               | 4.5       | 9.9    | 169.11          |                       | 0.2                                 | 30.0         | 36.8                   | 23.4                    | 13.44                     | 2.740              |          |
| 2,800.0                                                                                        | 2,799.5               | 2,799.9               | 2,799.9               | 4.6       | 10.3   | 171.16          |                       | 0.2                                 | 30.0         | 45.4                   | 31.6                    | 13.84                     | 3.282              |          |
| 2,900.0                                                                                        | 2,898.9               | 2,899.3               | 2,899.3               | 4.6       | 10.6   | 172.81          |                       | 0.2                                 | 30.0         | 55.8                   | 41.5                    | 14.24                     | 3.915              |          |
| 3,000.0                                                                                        | 2,998.4               | 2,998.8               | 2,998.8               | 4.7       | 10.9   | 173.94          |                       | 0.2                                 | 30.0         | 66.2                   | 51.5                    | 14.66                     | 4.513              |          |
| 3,100.0                                                                                        | 3,097.8               | 3,098.2               | 3,098.2               | 4.7       | 11.3   | 174.77          |                       | 0.2                                 | 30.0         | 76.6                   | 61.5                    | 15.07                     | 5.079              |          |
| 3,200.0                                                                                        | 3,197.3               | 3,197.7               | 3,197.7               | 4.8       | 11.6   | 175.40          |                       | 0.2                                 | 30.0         | 87.0                   | 71.5                    | 15.49                     | 5.613              |          |
| 3,300.0                                                                                        | 3,296.7               | 3,297.1               | 3,297.1               | 4.8       | 12.0   | 175.89          |                       | 0.2                                 | 30.0         | 97.4                   | 81.5                    | 15.92                     | 6.119              |          |
| 3,400.0                                                                                        | 3,396.2               | 3,396.6               | 3,396.6               | 4.9       | 12.3   | 176.29          |                       | 0.2                                 | 30.0         | 107.8                  | 91.5                    | 16.34                     | 6.597              |          |
| 3,500.0                                                                                        | 3,495.6               | 3,496.0               | 3,496.0               | 5.0       | 12.7   | 176.62          |                       | 0.2                                 | 30.0         | 118.3                  | 101.5                   | 16.77                     | 7.051              |          |
| 3,600.0                                                                                        | 3,595.1               | 3,595.5               | 3,595.5               | 5.1       | 13.0   | 176.89          |                       | 0.2                                 | 30.0         | 128.7                  | 111.5                   | 17.20                     | 7.480              |          |
| 3,700.0                                                                                        | 3,694.5               | 3,694.9               | 3,694.9               | 5.1       | 13.4   | 177.12          |                       | 0.2                                 | 30.0         | 139.1                  | 121.5                   | 17.64                     | 7.888              |          |
| 3,800.0                                                                                        | 3,794.0               | 3,794.4               | 3,794.4               | 5.2       | 13.7   | 177.32          |                       | 0.2                                 | 30.0         | 149.6                  | 131.5                   | 18.07                     | 8.275              |          |
| 3,900.0                                                                                        | 3,893.4               | 3,893.8               | 3,893.8               | 5.3       | 14.0   | 177.50          |                       | 0.2                                 | 30.0         | 160.0                  | 141.5                   | 18.51                     | 8.643              |          |
| 4,000.0                                                                                        | 3,992.9               | 3,993.3               | 3,993.3               | 5.4       | 14.4   | 177.65          |                       | 0.2                                 | 30.0         | 170.5                  | 151.5                   | 18.96                     | 8.992              |          |
| 4,100.0                                                                                        | 4,092.3               | 4,092.7               | 4,092.7               | 5.5       | 14.7   | 177.79          |                       | 0.2                                 | 30.0         | 180.9                  | 161.5                   | 19.40                     | 9.325              |          |
| 4,200.0                                                                                        | 4,191.8               | 4,192.2               | 4,192.2               | 5.5       | 15.1   | 177.91          |                       | 0.2                                 | 30.0         | 191.3                  | 171.5                   | 19.84                     | 9.642              |          |
| 4,300.0                                                                                        | 4,291.2               | 4,291.6               | 4,291.6               | 5.6       | 15.4   | 178.02          |                       | 0.2                                 | 30.0         | 201.8                  | 181.5                   | 20.29                     | 9.945              |          |
| 4,400.0                                                                                        | 4,390.7               | 4,391.1               | 4,391.1               | 5.7       | 15.8   | 178.11          |                       | 0.2                                 | 30.0         | 212.2                  | 191.5                   | 20.74                     | 10.233             |          |
| 4,500.0                                                                                        | 4,490.1               | 4,490.5               | 4,490.5               | 5.8       | 16.1   | 178.20          |                       | 0.2                                 | 30.0         | 222.7                  | 201.5                   | 21.19                     | 10.509             |          |
| 4,600.0                                                                                        | 4,589.6               | 4,590.0               | 4,590.0               | 5.9       | 16.5   | 178.28          |                       | 0.2                                 | 30.0         | 233.1                  | 211.5                   | 21.64                     | 10.772             |          |
| 4,700.0                                                                                        | 4,689.0               | 4,689.4               | 4,689.4               | 6.0       | 16.8   | 178.36          |                       | 0.2                                 | 30.0         | 243.6                  | 221.5                   | 22.10                     | 11.024             |          |
| 4,800.0                                                                                        | 4,788.5               | 4,788.9               | 4,788.9               | 6.1       | 17.2   | 178.43          |                       | 0.2                                 | 30.0         | 254.0                  | 231.5                   | 22.55                     | 11.265             |          |
| 4,900.0                                                                                        | 4,887.9               | 4,888.3               | 4,888.3               | 6.2       | 17.5   | 178.49          |                       | 0.2                                 | 30.0         | 264.5                  | 241.5                   | 23.01                     | 11.495             |          |
| 5,000.0                                                                                        | 4,987.4               | 4,987.8               | 4,987.8               | 6.3       | 17.9   | 178.54          |                       | 0.2                                 | 30.0         | 274.9                  | 251.5                   | 23.47                     | 11.717             |          |

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

# Concho Resources LLC

## Anticollision Report

|                           |                                            |                                     |                                  |
|---------------------------|--------------------------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>           | DELAWARE BASIN EAST                        | <b>Local Co-ordinate Reference:</b> | Well GREEN BERET FED COM #701H   |
| <b>Project:</b>           | BULLDOG PROSPECT (NM-E)                    | <b>TVD Reference:</b>               | KB=25' @ 3285.4usft (SCAN QUEST) |
| <b>Reference Site:</b>    | GREEN BERET FEDERAL PROJECT (BULLDOG 2535) | <b>MD Reference:</b>                | KB=25' @ 3285.4usft (SCAN QUEST) |
| <b>Site Error:</b>        | 3.0 usft                                   | <b>North Reference:</b>             | Grid                             |
| <b>Reference Well:</b>    | GREEN BERET FED COM #701H                  | <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 GREEN BERET FEDERAL PROJECT (BULLDOG 2535) - GREEN BERET FED COM #601H - OWB - F |                       |                       |                       |           |        |                 |                       |                                     |              |                        |                         |                           | 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  |
| 5,100.0                                                                                        | 5,086.9               | 5,087.3               | 5,087.3               | 6.4       | 18.2   | 178.60          |                       | 0.2                                 | 30.0         | 285.4                  | 261.5                   | 23.92                     | 11.929             |          |
| 5,200.0                                                                                        | 5,186.3               | 5,186.7               | 5,186.7               | 6.5       | 18.6   | 178.65          |                       | 0.2                                 | 30.0         | 295.8                  | 271.4                   | 24.38                     | 12.132             |          |
| 5,300.0                                                                                        | 5,285.8               | 5,286.2               | 5,286.2               | 6.6       | 19.0   | 178.69          |                       | 0.2                                 | 30.0         | 306.3                  | 281.4                   | 24.84                     | 12.328             |          |
| 5,400.0                                                                                        | 5,385.2               | 5,385.6               | 5,385.6               | 6.7       | 19.3   | 178.74          |                       | 0.2                                 | 30.0         | 316.7                  | 291.4                   | 25.31                     | 12.516             |          |
| 5,500.0                                                                                        | 5,484.7               | 5,485.1               | 5,485.1               | 6.8       | 19.7   | 178.78          |                       | 0.2                                 | 30.0         | 327.2                  | 301.4                   | 25.77                     | 12.697             |          |
| 5,600.0                                                                                        | 5,584.1               | 5,583.8               | 5,583.8               | 6.9       | 20.0   | 178.61          |                       | 1.4                                 | 30.3         | 337.7                  | 311.5                   | 26.22                     | 12.879             |          |
| 5,700.0                                                                                        | 5,683.6               | 5,682.5               | 5,682.4               | 7.0       | 20.4   | 177.92          |                       | 5.6                                 | 31.5         | 348.5                  | 321.9                   | 26.66                     | 13.072             |          |
| 5,800.0                                                                                        | 5,783.0               | 5,781.8               | 5,781.5               | 7.1       | 20.7   | 177.15          |                       | 10.6                                | 33.0         | 359.5                  | 332.4                   | 27.10                     | 13.264             |          |
| 5,900.0                                                                                        | 5,882.5               | 5,881.1               | 5,880.7               | 7.2       | 21.1   | 176.43          |                       | 15.6                                | 34.4         | 370.5                  | 342.9                   | 27.54                     | 13.452             |          |
| 6,000.0                                                                                        | 5,981.9               | 5,980.4               | 5,979.8               | 7.3       | 21.4   | 175.75          |                       | 20.6                                | 35.8         | 381.5                  | 353.5                   | 27.98                     | 13.634             |          |
| 6,100.0                                                                                        | 6,081.4               | 6,079.6               | 6,079.0               | 7.4       | 21.8   | 175.11          |                       | 25.5                                | 37.2         | 392.6                  | 364.2                   | 28.42                     | 13.812             |          |
| 6,200.0                                                                                        | 6,180.8               | 6,178.9               | 6,178.1               | 7.5       | 22.1   | 174.50          |                       | 30.5                                | 38.7         | 403.7                  | 374.9                   | 28.87                     | 13.986             |          |
| 6,300.0                                                                                        | 6,280.3               | 6,278.2               | 6,277.3               | 7.7       | 22.5   | 173.93          |                       | 35.5                                | 40.1         | 414.9                  | 385.6                   | 29.31                     | 14.155             |          |
| 6,400.0                                                                                        | 6,379.7               | 6,377.5               | 6,376.4               | 7.8       | 22.8   | 173.38          |                       | 40.5                                | 41.5         | 426.2                  | 396.4                   | 29.76                     | 14.319             |          |
| 6,500.0                                                                                        | 6,479.2               | 6,476.8               | 6,475.6               | 7.9       | 23.2   | 172.87          |                       | 45.5                                | 42.9         | 437.4                  | 407.2                   | 30.21                     | 14.480             |          |
| 6,600.0                                                                                        | 6,578.6               | 6,576.1               | 6,574.8               | 8.0       | 23.5   | 172.37          |                       | 50.5                                | 44.4         | 448.7                  | 418.1                   | 30.66                     | 14.636             |          |
| 6,700.0                                                                                        | 6,678.1               | 6,675.4               | 6,673.9               | 8.1       | 23.9   | 171.91          |                       | 55.5                                | 45.8         | 460.0                  | 428.9                   | 31.11                     | 14.788             |          |
| 6,800.0                                                                                        | 6,777.5               | 6,774.7               | 6,773.1               | 8.2       | 24.2   | 171.46          |                       | 60.4                                | 47.2         | 471.4                  | 439.8                   | 31.56                     | 14.936             |          |
| 6,900.0                                                                                        | 6,877.0               | 6,873.9               | 6,872.2               | 8.3       | 24.6   | 171.04          |                       | 65.4                                | 48.6         | 482.8                  | 450.8                   | 32.01                     | 15.080             |          |
| 7,000.0                                                                                        | 6,976.4               | 6,973.2               | 6,971.4               | 8.4       | 24.9   | 170.64          |                       | 70.4                                | 50.1         | 494.2                  | 461.7                   | 32.47                     | 15.221             |          |
| 7,100.0                                                                                        | 7,075.9               | 7,072.5               | 7,070.5               | 8.6       | 25.3   | 170.25          |                       | 75.4                                | 51.5         | 505.6                  | 472.7                   | 32.92                     | 15.357             |          |
| 7,200.0                                                                                        | 7,175.3               | 7,171.8               | 7,169.7               | 8.7       | 25.6   | 169.88          |                       | 80.4                                | 52.9         | 517.1                  | 483.7                   | 33.38                     | 15.491             |          |
| 7,300.0                                                                                        | 7,274.8               | 7,271.1               | 7,268.8               | 8.8       | 26.0   | 169.53          |                       | 85.4                                | 54.3         | 528.5                  | 494.7                   | 33.84                     | 15.621             |          |
| 7,400.0                                                                                        | 7,374.3               | 7,370.4               | 7,368.0               | 8.9       | 26.3   | 169.19          |                       | 90.4                                | 55.8         | 540.0                  | 505.7                   | 34.29                     | 15.747             |          |
| 7,500.0                                                                                        | 7,473.7               | 7,469.7               | 7,467.1               | 9.0       | 26.7   | 168.87          |                       | 95.3                                | 57.2         | 551.5                  | 516.8                   | 34.75                     | 15.870             |          |
| 7,600.0                                                                                        | 7,573.2               | 7,569.0               | 7,566.3               | 9.1       | 27.1   | 168.56          |                       | 100.3                               | 58.6         | 563.1                  | 527.8                   | 35.21                     | 15.990             |          |
| 7,700.0                                                                                        | 7,672.6               | 7,668.3               | 7,665.4               | 9.3       | 27.4   | 168.26          |                       | 105.3                               | 60.0         | 574.6                  | 538.9                   | 35.67                     | 16.108             |          |
| 7,800.0                                                                                        | 7,772.1               | 7,767.5               | 7,764.6               | 9.4       | 27.8   | 167.97          |                       | 110.3                               | 61.5         | 586.1                  | 550.0                   | 36.13                     | 16.222             |          |
| 7,900.0                                                                                        | 7,871.5               | 7,866.8               | 7,863.7               | 9.5       | 28.1   | 167.70          |                       | 115.3                               | 62.9         | 597.7                  | 561.1                   | 36.60                     | 16.333             |          |
| 8,000.0                                                                                        | 7,971.0               | 7,966.1               | 7,962.9               | 9.6       | 28.5   | 167.44          |                       | 120.3                               | 64.3         | 609.3                  | 572.2                   | 37.06                     | 16.442             |          |
| 8,100.0                                                                                        | 8,070.4               | 8,065.4               | 8,062.0               | 9.7       | 28.8   | 167.18          |                       | 125.3                               | 65.7         | 620.9                  | 583.4                   | 37.52                     | 16.548             |          |
| 8,200.0                                                                                        | 8,169.9               | 8,164.7               | 8,161.2               | 9.9       | 29.2   | 166.94          |                       | 130.2                               | 67.2         | 632.5                  | 594.5                   | 37.99                     | 16.651             |          |
| 8,300.0                                                                                        | 8,269.3               | 8,264.0               | 8,260.4               | 10.0      | 29.5   | 166.70          |                       | 135.2                               | 68.6         | 644.1                  | 605.7                   | 38.45                     | 16.752             |          |
| 8,400.0                                                                                        | 8,368.8               | 8,363.3               | 8,359.5               | 10.1      | 29.9   | 166.47          |                       | 140.2                               | 70.0         | 655.7                  | 616.8                   | 38.92                     | 16.850             |          |
| 8,500.0                                                                                        | 8,468.2               | 8,462.6               | 8,458.7               | 10.2      | 30.2   | 166.25          |                       | 145.2                               | 71.4         | 667.4                  | 628.0                   | 39.38                     | 16.946             |          |
| 8,600.0                                                                                        | 8,567.7               | 8,561.9               | 8,557.8               | 10.3      | 30.6   | 166.04          |                       | 150.2                               | 72.9         | 679.0                  | 639.2                   | 39.85                     | 17.040             |          |
| 8,700.0                                                                                        | 8,667.1               | 8,661.1               | 8,657.0               | 10.5      | 30.9   | 165.83          |                       | 155.2                               | 74.3         | 690.7                  | 650.4                   | 40.32                     | 17.131             |          |
| 8,800.0                                                                                        | 8,766.6               | 8,760.4               | 8,756.1               | 10.6      | 31.3   | 165.63          |                       | 160.2                               | 75.7         | 702.3                  | 661.6                   | 40.79                     | 17.221             |          |
| 8,900.0                                                                                        | 8,866.0               | 8,859.7               | 8,855.3               | 10.7      | 31.7   | 165.44          |                       | 165.1                               | 77.1         | 714.0                  | 672.8                   | 41.25                     | 17.308             |          |
| 9,000.0                                                                                        | 8,965.5               | 8,959.0               | 8,954.4               | 10.8      | 32.0   | 165.26          |                       | 170.1                               | 78.6         | 725.7                  | 684.0                   | 41.72                     | 17.393             |          |
| 9,100.0                                                                                        | 9,064.9               | 9,058.3               | 9,053.6               | 11.0      | 32.4   | 165.07          |                       | 175.1                               | 80.0         | 737.4                  | 695.2                   | 42.19                     | 17.476             |          |
| 9,200.0                                                                                        | 9,164.4               | 9,157.6               | 9,152.7               | 11.1      | 32.7   | 164.90          |                       | 180.1                               | 81.4         | 749.1                  | 706.4                   | 42.66                     | 17.558             |          |
| 9,300.0                                                                                        | 9,263.8               | 9,256.9               | 9,251.9               | 11.2      | 33.1   | 164.73          |                       | 185.1                               | 82.8         | 760.8                  | 717.6                   | 43.13                     | 17.637             |          |
| 9,400.0                                                                                        | 9,363.3               | 9,356.2               | 9,351.0               | 11.3      | 33.4   | 164.57          |                       | 190.1                               | 84.2         | 772.5                  | 728.9                   | 43.61                     | 17.715             |          |
| 9,500.0                                                                                        | 9,462.7               | 9,455.4               | 9,450.2               | 11.5      | 33.8   | 164.41          |                       | 195.1                               | 85.7         | 784.2                  | 740.1                   | 44.08                     | 17.791             |          |
| 9,600.0                                                                                        | 9,562.2               | 9,554.7               | 9,549.3               | 11.6      | 34.1   | 164.25          |                       | 200.0                               | 87.1         | 795.9                  | 751.4                   | 44.55                     | 17.865             |          |
| 9,700.0                                                                                        | 9,661.7               | 9,654.0               | 9,648.5               | 11.7      | 34.5   | 164.10          |                       | 205.0                               | 88.5         | 807.6                  | 762.6                   | 45.02                     | 17.938             |          |
| 9,800.0                                                                                        | 9,761.1               | 9,753.3               | 9,747.6               | 11.8      | 34.9   | 163.96          |                       | 210.0                               | 89.9         | 819.4                  | 773.9                   | 45.50                     | 18.009             |          |
| 9,900.0                                                                                        | 9,860.6               | 9,852.6               | 9,846.8               | 12.0      | 35.2   | 163.82          |                       | 215.0                               | 91.4         | 831.1                  | 785.1                   | 45.97                     | 18.079             |          |
| 10,000.0                                                                                       | 9,960.0               | 9,951.9               | 9,946.0               | 12.1      | 35.6   | 163.68          |                       | 220.0                               | 92.8         | 842.8                  | 796.4                   | 46.45                     | 18.147             |          |
| 10,100.0                                                                                       | 10,059.5              | 10,051.2              | 10,045.1              | 12.2      | 35.9   | 163.55          |                       | 225.0                               | 94.2         | 854.6                  | 807.7                   | 46.92                     | 18.213             |          |

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

## Concho Resources LLC

## Anticollision Report

|                           |                                            |                                     |                                  |
|---------------------------|--------------------------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>           | DELAWARE BASIN EAST                        | <b>Local Co-ordinate Reference:</b> | Well GREEN BERET FED COM #701H   |
| <b>Project:</b>           | BULLDOG PROSPECT (NM-E)                    | <b>TVD Reference:</b>               | KB=25' @ 3285.4usft (SCAN QUEST) |
| <b>Reference Site:</b>    | GREEN BERET FEDERAL PROJECT (BULLDOG 2535) | <b>MD Reference:</b>                | KB=25' @ 3285.4usft (SCAN QUEST) |
| <b>Site Error:</b>        | 3.0 usft                                   | <b>North Reference:</b>             | Grid                             |
| <b>Reference Well:</b>    | GREEN BERET FED COM #701H                  | <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 GREEN BERET FEDERAL PROJECT (BULLDOG 2535) - GREEN BERET FED COM #601H - OWB - F |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | 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 |                    |          |
| 10,200.0                                                                                       | 10,158.9              | 10,150.5              | 10,144.3              | 12.3             | 36.3          | 163.41                | 230.0                               | 95.6         | 866.3                  | 818.9                   | 47.40                     | 18.278            |                    |          |
| 10,300.0                                                                                       | 10,258.4              | 10,249.8              | 10,243.4              | 12.5             | 36.6          | 163.29                | 234.9                               | 97.1         | 878.1                  | 830.2                   | 47.87                     | 18.342            |                    |          |
| 10,400.0                                                                                       | 10,357.8              | 10,349.0              | 10,342.6              | 12.6             | 37.0          | 163.16                | 239.9                               | 98.5         | 889.8                  | 841.5                   | 48.35                     | 18.405            |                    |          |
| 10,500.0                                                                                       | 10,457.3              | 10,448.3              | 10,441.7              | 12.7             | 37.3          | 163.04                | 244.9                               | 99.9         | 901.6                  | 852.8                   | 48.83                     | 18.466            |                    |          |
| 10,513.3                                                                                       | 10,470.5              | 10,461.5              | 10,454.9              | 12.7             | 37.4          | 163.03                | 245.6                               | 100.1        | 903.2                  | 854.3                   | 48.89                     | 18.474            |                    |          |
| 10,525.0                                                                                       | 10,482.1              | 10,473.1              | 10,466.5              | 12.8             | 37.4          | 175.41                | 246.2                               | 100.3        | 904.6                  | 855.7                   | 48.95                     | 18.482            |                    |          |
| 10,550.0                                                                                       | 10,506.9              | 10,497.8              | 10,491.2              | 12.8             | 37.5          | -164.81               | 247.4                               | 100.6        | 908.2                  | 859.1                   | 49.06                     | 18.512            |                    |          |
| 10,575.0                                                                                       | 10,531.6              | 10,522.3              | 10,515.6              | 12.8             | 37.6          | -152.69               | 248.6                               | 101.0        | 912.3                  | 863.2                   | 49.17                     | 18.556            |                    |          |
| 10,600.0                                                                                       | 10,556.1              | 10,546.6              | 10,539.8              | 12.9             | 37.7          | -145.06               | 249.8                               | 101.3        | 917.1                  | 867.9                   | 49.27                     | 18.616            |                    |          |
| 10,625.0                                                                                       | 10,580.3              | 10,570.5              | 10,563.7              | 12.9             | 37.8          | -139.93               | 251.0                               | 101.7        | 922.6                  | 873.2                   | 49.36                     | 18.691            |                    |          |
| 10,650.0                                                                                       | 10,604.2              | 10,594.0              | 10,587.2              | 12.9             | 37.9          | -136.25               | 252.2                               | 102.0        | 928.6                  | 879.2                   | 49.45                     | 18.780            |                    |          |
| 10,675.0                                                                                       | 10,627.7              | 10,617.0              | 10,610.2              | 13.0             | 37.9          | -133.47               | 253.4                               | 102.3        | 935.3                  | 885.8                   | 49.53                     | 18.885            |                    |          |
| 10,700.0                                                                                       | 10,650.7              | 10,639.6              | 10,632.7              | 13.0             | 38.0          | -131.26               | 254.5                               | 102.7        | 942.6                  | 893.0                   | 49.60                     | 19.006            |                    |          |
| 10,725.0                                                                                       | 10,673.2              | 10,661.5              | 10,654.6              | 13.1             | 38.1          | -129.42               | 255.6                               | 103.0        | 950.6                  | 900.9                   | 49.66                     | 19.141            |                    |          |
| 10,750.0                                                                                       | 10,695.1              | 10,682.8              | 10,675.9              | 13.1             | 38.2          | -127.84               | 256.7                               | 103.3        | 959.2                  | 909.5                   | 49.72                     | 19.291            |                    |          |
| 10,775.0                                                                                       | 10,716.4              | 10,703.4              | 10,696.5              | 13.2             | 38.3          | -126.43               | 257.7                               | 103.6        | 968.4                  | 918.7                   | 49.77                     | 19.457            |                    |          |
| 10,800.0                                                                                       | 10,737.0              | 10,723.3              | 10,716.3              | 13.3             | 38.3          | -125.11               | 258.7                               | 103.9        | 978.3                  | 928.5                   | 49.82                     | 19.638            |                    |          |
| 10,825.0                                                                                       | 10,756.8              | 10,742.3              | 10,735.3              | 13.3             | 38.4          | -123.85               | 259.7                               | 104.1        | 988.9                  | 939.0                   | 49.86                     | 19.834            |                    |          |

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

# Concho Resources LLC

## Anticollision Report

|                           |                                            |                                     |                                  |
|---------------------------|--------------------------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>           | DELAWARE BASIN EAST                        | <b>Local Co-ordinate Reference:</b> | Well GREEN BERET FED COM #701H   |
| <b>Project:</b>           | BULLDOG PROSPECT (NM-E)                    | <b>TVD Reference:</b>               | KB=25' @ 3285.4usft (SCAN QUEST) |
| <b>Reference Site:</b>    | GREEN BERET FEDERAL PROJECT (BULLDOG 2535) | <b>MD Reference:</b>                | KB=25' @ 3285.4usft (SCAN QUEST) |
| <b>Site Error:</b>        | 3.0 usft                                   | <b>North Reference:</b>             | Grid                             |
| <b>Reference Well:</b>    | GREEN BERET FED COM #701H                  | <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 GREEN BERET FEDERAL PROJECT (BULLDOG 2535) - GREEN BERET FED COM #602H - OWB - F |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Site Error: | 3.0 usft |
|------------------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|----------|
| Survey Program: 0-Standard Keeper 104, 11880-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 |                    |          |
| 4,400.0                                                                                        | 4,390.7               | 4,457.1               | 4,453.8               | 5.7              | 6.2           | -16.61                | -18.5                               | -1,169.4     | 993.8                  | 984.6                   | 9.23                      | 107.655           |                    |          |
| 4,500.0                                                                                        | 4,490.1               | 4,556.1               | 4,552.6               | 5.8              | 6.4           | -16.53                | -14.1                               | -1,165.4     | 979.6                  | 970.2                   | 9.40                      | 104.264           |                    |          |
| 4,600.0                                                                                        | 4,589.6               | 4,655.0               | 4,651.4               | 5.9              | 6.5           | -16.46                | -9.7                                | -1,161.5     | 965.3                  | 955.8                   | 9.56                      | 100.957           |                    |          |
| 4,700.0                                                                                        | 4,689.0               | 4,754.0               | 4,750.2               | 6.0              | 6.6           | -16.38                | -5.3                                | -1,157.5     | 951.1                  | 941.4                   | 9.73                      | 97.735            |                    |          |
| 4,800.0                                                                                        | 4,788.5               | 4,853.0               | 4,849.0               | 6.1              | 6.7           | -16.30                | -0.9                                | -1,153.6     | 936.9                  | 927.0                   | 9.90                      | 94.597            |                    |          |
| 4,900.0                                                                                        | 4,887.9               | 4,952.0               | 4,947.8               | 6.2              | 6.8           | -16.22                | 3.6                                 | -1,149.6     | 922.6                  | 912.5                   | 10.08                     | 91.544            |                    |          |
| 5,000.0                                                                                        | 4,987.4               | 5,050.9               | 5,046.6               | 6.3              | 6.9           | -16.14                | 8.0                                 | -1,145.7     | 908.4                  | 898.1                   | 10.26                     | 88.574            |                    |          |
| 5,100.0                                                                                        | 5,086.9               | 5,149.9               | 5,145.4               | 6.4              | 7.0           | -16.05                | 12.4                                | -1,141.7     | 894.1                  | 883.7                   | 10.44                     | 85.686            |                    |          |
| 5,200.0                                                                                        | 5,186.3               | 5,248.9               | 5,244.1               | 6.5              | 7.1           | -15.97                | 16.8                                | -1,137.8     | 879.9                  | 869.3                   | 10.62                     | 82.878            |                    |          |
| 5,300.0                                                                                        | 5,285.8               | 5,347.9               | 5,342.9               | 6.6              | 7.2           | -15.87                | 21.2                                | -1,133.8     | 865.7                  | 854.9                   | 10.80                     | 80.149            |                    |          |
| 5,400.0                                                                                        | 5,385.2               | 5,446.8               | 5,441.7               | 6.7              | 7.3           | -15.78                | 25.7                                | -1,129.9     | 851.4                  | 840.4                   | 10.99                     | 77.498            |                    |          |
| 5,500.0                                                                                        | 5,484.7               | 5,545.8               | 5,540.5               | 6.8              | 7.4           | -15.68                | 30.1                                | -1,125.9     | 837.2                  | 826.0                   | 11.17                     | 74.923            |                    |          |
| 5,600.0                                                                                        | 5,584.1               | 5,644.8               | 5,639.3               | 6.9              | 7.6           | -15.58                | 34.5                                | -1,122.0     | 823.0                  | 811.6                   | 11.36                     | 72.421            |                    |          |
| 5,700.0                                                                                        | 5,683.6               | 5,743.7               | 5,738.1               | 7.0              | 7.7           | -15.47                | 38.9                                | -1,118.0     | 808.8                  | 797.2                   | 11.55                     | 69.992            |                    |          |
| 5,800.0                                                                                        | 5,783.0               | 5,842.7               | 5,836.9               | 7.1              | 7.8           | -15.37                | 43.3                                | -1,114.1     | 794.5                  | 782.8                   | 11.75                     | 67.632            |                    |          |
| 5,900.0                                                                                        | 5,882.5               | 5,941.7               | 5,935.7               | 7.2              | 7.9           | -15.25                | 47.8                                | -1,110.1     | 780.3                  | 768.4                   | 11.94                     | 65.340            |                    |          |
| 6,000.0                                                                                        | 5,981.9               | 6,040.7               | 6,034.5               | 7.3              | 8.0           | -15.14                | 52.2                                | -1,106.2     | 766.1                  | 754.0                   | 12.14                     | 63.115            |                    |          |
| 6,100.0                                                                                        | 6,081.4               | 6,139.6               | 6,133.3               | 7.4              | 8.1           | -15.01                | 56.6                                | -1,102.2     | 751.9                  | 739.5                   | 12.34                     | 60.953            |                    |          |
| 6,200.0                                                                                        | 6,180.8               | 6,238.6               | 6,232.1               | 7.5              | 8.2           | -14.89                | 61.0                                | -1,098.3     | 737.7                  | 725.1                   | 12.53                     | 58.854            |                    |          |
| 6,300.0                                                                                        | 6,280.3               | 6,337.6               | 6,330.9               | 7.7              | 8.4           | -14.76                | 65.4                                | -1,094.3     | 723.5                  | 710.7                   | 12.73                     | 56.814            |                    |          |
| 6,400.0                                                                                        | 6,379.7               | 6,436.5               | 6,429.7               | 7.8              | 8.5           | -14.62                | 69.9                                | -1,090.4     | 709.3                  | 696.3                   | 12.93                     | 54.833            |                    |          |
| 6,500.0                                                                                        | 6,479.2               | 6,535.5               | 6,528.5               | 7.9              | 8.6           | -14.48                | 74.3                                | -1,086.4     | 695.1                  | 681.9                   | 13.14                     | 52.909            |                    |          |
| 6,600.0                                                                                        | 6,578.6               | 6,634.5               | 6,627.3               | 8.0              | 8.7           | -14.33                | 78.7                                | -1,082.5     | 680.9                  | 667.5                   | 13.34                     | 51.039            |                    |          |
| 6,700.0                                                                                        | 6,678.1               | 6,733.5               | 6,726.1               | 8.1              | 8.8           | -14.18                | 83.1                                | -1,078.5     | 666.7                  | 653.1                   | 13.54                     | 49.222            |                    |          |
| 6,800.0                                                                                        | 6,777.5               | 6,832.4               | 6,824.9               | 8.2              | 8.9           | -14.02                | 87.5                                | -1,074.6     | 652.5                  | 638.8                   | 13.75                     | 47.455            |                    |          |
| 6,900.0                                                                                        | 6,877.0               | 6,931.4               | 6,923.7               | 8.3              | 9.1           | -13.85                | 91.9                                | -1,070.6     | 638.3                  | 624.4                   | 13.96                     | 45.739            |                    |          |
| 7,000.0                                                                                        | 6,976.4               | 7,030.4               | 7,022.4               | 8.4              | 9.2           | -13.67                | 96.4                                | -1,066.7     | 624.2                  | 610.0                   | 14.16                     | 44.070            |                    |          |
| 7,100.0                                                                                        | 7,075.9               | 7,129.3               | 7,121.2               | 8.6              | 9.3           | -13.49                | 100.8                               | -1,062.7     | 610.0                  | 595.6                   | 14.37                     | 42.447            |                    |          |
| 7,200.0                                                                                        | 7,175.3               | 7,228.3               | 7,220.0               | 8.7              | 9.4           | -13.30                | 105.2                               | -1,058.8     | 595.8                  | 581.2                   | 14.58                     | 40.869            |                    |          |
| 7,300.0                                                                                        | 7,274.8               | 7,327.3               | 7,318.8               | 8.8              | 9.5           | -13.10                | 109.6                               | -1,054.8     | 581.7                  | 566.9                   | 14.79                     | 39.334            |                    |          |
| 7,400.0                                                                                        | 7,374.3               | 7,426.3               | 7,417.6               | 8.9              | 9.7           | -12.88                | 114.0                               | -1,050.9     | 567.5                  | 552.5                   | 15.00                     | 37.841            |                    |          |
| 7,500.0                                                                                        | 7,473.7               | 7,525.2               | 7,516.4               | 9.0              | 9.8           | -12.66                | 118.5                               | -1,046.9     | 553.4                  | 538.2                   | 15.21                     | 36.389            |                    |          |
| 7,600.0                                                                                        | 7,573.2               | 7,624.2               | 7,615.2               | 9.1              | 9.9           | -12.43                | 122.9                               | -1,043.0     | 539.3                  | 523.8                   | 15.42                     | 34.975            |                    |          |
| 7,700.0                                                                                        | 7,672.6               | 7,723.2               | 7,714.0               | 9.3              | 10.0          | -12.18                | 127.3                               | -1,039.0     | 525.1                  | 509.5                   | 15.63                     | 33.599            |                    |          |
| 7,800.0                                                                                        | 7,772.1               | 7,822.2               | 7,812.8               | 9.4              | 10.1          | -11.92                | 131.7                               | -1,035.1     | 511.0                  | 495.2                   | 15.84                     | 32.260            |                    |          |
| 7,900.0                                                                                        | 7,871.5               | 7,921.1               | 7,911.6               | 9.5              | 10.3          | -11.64                | 136.1                               | -1,031.1     | 496.9                  | 480.9                   | 16.05                     | 30.956            |                    |          |
| 8,000.0                                                                                        | 7,971.0               | 8,020.1               | 8,010.4               | 9.6              | 10.4          | -11.35                | 140.6                               | -1,027.2     | 482.8                  | 466.6                   | 16.26                     | 29.687            |                    |          |
| 8,100.0                                                                                        | 8,070.4               | 8,119.1               | 8,109.2               | 9.7              | 10.5          | -11.04                | 145.0                               | -1,023.2     | 468.8                  | 452.3                   | 16.48                     | 28.451            |                    |          |
| 8,200.0                                                                                        | 8,169.9               | 8,218.0               | 8,208.0               | 9.9              | 10.6          | -10.72                | 149.4                               | -1,019.3     | 454.7                  | 438.0                   | 16.69                     | 27.246            |                    |          |
| 8,300.0                                                                                        | 8,269.3               | 8,317.0               | 8,306.8               | 10.0             | 10.7          | -10.37                | 153.8                               | -1,015.3     | 440.7                  | 423.8                   | 16.90                     | 26.073            |                    |          |
| 8,400.0                                                                                        | 8,368.8               | 8,416.0               | 8,405.6               | 10.1             | 10.9          | -10.00                | 158.2                               | -1,011.4     | 426.6                  | 409.5                   | 17.11                     | 24.930            |                    |          |
| 8,500.0                                                                                        | 8,468.2               | 8,515.0               | 8,504.4               | 10.2             | 11.0          | -9.60                 | 162.7                               | -1,007.4     | 412.6                  | 395.3                   | 17.32                     | 23.817            |                    |          |
| 8,600.0                                                                                        | 8,567.7               | 8,613.9               | 8,603.2               | 10.3             | 11.1          | -9.17                 | 167.1                               | -1,003.5     | 398.6                  | 381.1                   | 17.54                     | 22.732            |                    |          |
| 8,700.0                                                                                        | 8,667.1               | 8,712.9               | 8,702.0               | 10.5             | 11.2          | -8.72                 | 171.5                               | -999.5       | 384.7                  | 366.9                   | 17.75                     | 21.674            |                    |          |
| 8,800.0                                                                                        | 8,766.6               | 8,811.9               | 8,800.7               | 10.6             | 11.4          | -8.23                 | 175.9                               | -995.6       | 370.7                  | 352.8                   | 17.96                     | 20.644            |                    |          |
| 8,900.0                                                                                        | 8,866.0               | 8,910.8               | 8,899.5               | 10.7             | 11.5          | -7.70                 | 180.3                               | -991.6       | 356.8                  | 338.7                   | 18.17                     | 19.639            |                    |          |
| 9,000.0                                                                                        | 8,965.5               | 9,009.8               | 8,998.3               | 10.8             | 11.6          | -7.13                 | 184.8                               | -987.7       | 342.9                  | 324.6                   | 18.38                     | 18.660            |                    |          |
| 9,100.0                                                                                        | 9,064.9               | 9,108.8               | 9,097.1               | 11.0             | 11.7          | -6.51                 | 189.2                               | -983.7       | 329.1                  | 310.5                   | 18.59                     | 17.706            |                    |          |
| 9,200.0                                                                                        | 9,164.4               | 9,207.8               | 9,195.9               | 11.1             | 11.8          | -5.84                 | 193.6                               | -979.8       | 315.3                  | 296.5                   | 18.79                     | 16.776            |                    |          |
| 9,300.0                                                                                        | 9,263.8               | 9,306.7               | 9,294.7               | 11.2             | 12.0          | -5.10                 | 198.0                               | -975.8       | 301.5                  | 282.5                   | 19.00                     | 15.870            |                    |          |
| 9,400.0                                                                                        | 9,363.3               | 9,405.7               | 9,393.5               | 11.3             | 12.1          | -4.30                 | 202.4                               | -971.9       | 287.8                  | 268.6                   | 19.21                     | 14.987            |                    |          |

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

## Concho Resources LLC

## Anticollision Report

|                           |                                            |                                     |                                  |
|---------------------------|--------------------------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>           | DELAWARE BASIN EAST                        | <b>Local Co-ordinate Reference:</b> | Well GREEN BERET FED COM #701H   |
| <b>Project:</b>           | BULLDOG PROSPECT (NM-E)                    | <b>TVD Reference:</b>               | KB=25' @ 3285.4usft (SCAN QUEST) |
| <b>Reference Site:</b>    | GREEN BERET FEDERAL PROJECT (BULLDOG 2535) | <b>MD Reference:</b>                | KB=25' @ 3285.4usft (SCAN QUEST) |
| <b>Site Error:</b>        | 3.0 usft                                   | <b>North Reference:</b>             | Grid                             |
| <b>Reference Well:</b>    | GREEN BERET FED COM #701H                  | <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 GREEN BERET FEDERAL PROJECT (BULLDOG 2535) - GREEN BERET FED COM #602H - OWB - F |                       |                       |                       |                  |               |                                       |                                     |              |                        |                         |                           |                   | Offset Site Error: | 3.0 usft |
|------------------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|---------------------------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|----------|
| Survey Program: 0-Standard Keeper 104, 11880-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            |          |
| 9,500.0                                                                                        | 9,462.7               | 9,504.7               | 9,492.3               | 11.5             | 12.2          | -3.41                                 | 206.9                               | -967.9       | 274.2                  | 254.8                   | 19.41                     | 14.127            |                    |          |
| 9,600.0                                                                                        | 9,562.2               | 9,603.6               | 9,591.1               | 11.6             | 12.3          | -2.44                                 | 211.3                               | -963.9       | 260.6                  | 241.0                   | 19.61                     | 13.290            |                    |          |
| 9,700.0                                                                                        | 9,661.7               | 9,702.6               | 9,689.9               | 11.7             | 12.5          | -1.35                                 | 215.7                               | -960.0       | 247.2                  | 227.3                   | 19.81                     | 12.475            |                    |          |
| 9,800.0                                                                                        | 9,761.1               | 9,801.6               | 9,788.7               | 11.8             | 12.6          | -0.15                                 | 220.1                               | -956.0       | 233.8                  | 213.8                   | 20.01                     | 11.681            |                    |          |
| 9,900.0                                                                                        | 9,860.6               | 9,900.6               | 9,887.5               | 12.0             | 12.7          | 1.21                                  | 224.5                               | -952.1       | 220.5                  | 200.3                   | 20.21                     | 10.910            |                    |          |
| 10,000.0                                                                                       | 9,960.0               | 9,999.5               | 9,986.3               | 12.1             | 12.8          | 2.73                                  | 229.0                               | -948.1       | 207.4                  | 186.9                   | 20.41                     | 10.161            |                    |          |
| 10,100.0                                                                                       | 10,059.5              | 10,098.5              | 10,085.1              | 12.2             | 13.0          | 4.46                                  | 233.4                               | -944.2       | 194.4                  | 173.8                   | 20.60                     | 9.434             |                    |          |
| 10,200.0                                                                                       | 10,158.9              | 10,197.5              | 10,183.9              | 12.3             | 13.1          | 6.44                                  | 237.8                               | -940.2       | 181.6                  | 160.8                   | 20.80                     | 8.730             |                    |          |
| 10,300.0                                                                                       | 10,258.4              | 10,296.5              | 10,282.7              | 12.5             | 13.2          | 8.70                                  | 242.2                               | -936.3       | 169.1                  | 148.1                   | 21.01                     | 8.049             |                    |          |
| 10,400.0                                                                                       | 10,357.8              | 10,395.4              | 10,381.5              | 12.6             | 13.3          | 11.33                                 | 246.6                               | -932.3       | 156.9                  | 135.6                   | 21.22                     | 7.392             |                    |          |
| 10,500.0                                                                                       | 10,457.3              | 10,494.4              | 10,480.3              | 12.7             | 13.5          | 14.38                                 | 251.1                               | -928.4       | 145.0                  | 123.6                   | 21.45                     | 6.761             |                    |          |
| 10,513.3                                                                                       | 10,470.5              | 10,507.6              | 10,493.4              | 12.7             | 13.5          | 14.83                                 | 251.6                               | -927.9       | 143.5                  | 122.0                   | 21.48                     | 6.680             |                    |          |
| 10,525.0                                                                                       | 10,482.1              | 10,519.1              | 10,504.9              | 12.8             | 13.5          | 27.70                                 | 252.2                               | -927.4       | 142.1                  | 120.6                   | 21.51                     | 6.608             |                    |          |
| 10,550.0                                                                                       | 10,506.9              | 10,543.7              | 10,529.5              | 12.8             | 13.5          | 48.91                                 | 253.3                               | -926.4       | 139.4                  | 117.8                   | 21.57                     | 6.460             |                    |          |
| 10,575.0                                                                                       | 10,531.6              | 10,568.1              | 10,553.9              | 12.8             | 13.5          | 63.02                                 | 254.3                               | -925.4       | 136.8                  | 115.2                   | 21.65                     | 6.320             |                    |          |
| 10,600.0                                                                                       | 10,556.1              | 10,592.3              | 10,578.0              | 12.9             | 13.6          | 73.15                                 | 255.4                               | -924.5       | 134.7                  | 113.0                   | 21.75                     | 6.193             |                    |          |
| 10,625.0                                                                                       | 10,580.3              | 10,616.1              | 10,601.7              | 12.9             | 13.6          | 81.24                                 | 256.5                               | -923.5       | 133.2                  | 111.3                   | 21.89                     | 6.083             |                    |          |
| 10,650.0                                                                                       | 10,604.2              | 10,639.5              | 10,625.1              | 12.9             | 13.6          | 88.25                                 | 257.5                               | -922.6       | 132.4                  | 110.3                   | 22.07                     | 5.998             |                    |          |
| 10,656.4                                                                                       | 10,610.2              | 10,645.4              | 10,631.0              | 12.9             | 13.6          | 89.93                                 | 257.8                               | -922.4       | 132.4                  | 110.2                   | 22.13                     | 5.982 CC, ES      |                    |          |
| 10,675.0                                                                                       | 10,627.7              | 10,662.4              | 10,648.0              | 13.0             | 13.7          | 94.63                                 | 258.6                               | -921.7       | 132.7                  | 110.4                   | 22.31                     | 5.947             |                    |          |
| 10,700.0                                                                                       | 10,650.7              | 10,684.8              | 10,670.3              | 13.0             | 13.7          | 100.57                                | 259.6                               | -920.8       | 134.3                  | 111.7                   | 22.61                     | 5.939 SF          |                    |          |
| 10,725.0                                                                                       | 10,673.2              | 10,706.6              | 10,692.1              | 13.1             | 13.7          | 106.12                                | 260.5                               | -919.9       | 137.4                  | 114.4                   | 22.95                     | 5.986             |                    |          |
| 10,750.0                                                                                       | 10,695.1              | 10,727.8              | 10,713.2              | 13.1             | 13.7          | 111.26                                | 261.5                               | -919.1       | 142.2                  | 118.8                   | 23.31                     | 6.097             |                    |          |
| 10,775.0                                                                                       | 10,716.4              | 10,748.3              | 10,733.6              | 13.2             | 13.8          | 115.96                                | 262.4                               | -918.3       | 148.8                  | 125.1                   | 23.68                     | 6.281             |                    |          |
| 10,800.0                                                                                       | 10,737.0              | 10,767.9              | 10,753.3              | 13.3             | 13.8          | 120.19                                | 263.3                               | -917.5       | 157.2                  | 133.2                   | 24.03                     | 6.541             |                    |          |
| 10,825.0                                                                                       | 10,756.8              | 10,786.8              | 10,772.2              | 13.3             | 13.8          | 123.93                                | 264.1                               | -916.7       | 167.5                  | 143.1                   | 24.35                     | 6.877             |                    |          |
| 10,850.0                                                                                       | 10,775.8              | 10,804.8              | 10,790.1              | 13.4             | 13.8          | 127.18                                | 264.9                               | -916.0       | 179.5                  | 154.9                   | 24.63                     | 7.289             |                    |          |
| 10,875.0                                                                                       | 10,793.9              | 10,821.9              | 10,807.2              | 13.5             | 13.9          | 129.95                                | 265.7                               | -915.3       | 193.2                  | 168.3                   | 24.86                     | 7.770             |                    |          |
| 10,900.0                                                                                       | 10,811.1              | 10,838.0              | 10,823.3              | 13.6             | 13.9          | 132.23                                | 266.4                               | -914.7       | 208.4                  | 183.3                   | 25.06                     | 8.315             |                    |          |
| 10,925.0                                                                                       | 10,827.4              | 10,853.2              | 10,838.4              | 13.7             | 13.9          | 134.05                                | 267.1                               | -914.1       | 225.0                  | 199.7                   | 25.22                     | 8.919             |                    |          |
| 10,950.0                                                                                       | 10,842.6              | 10,867.2              | 10,852.4              | 13.8             | 13.9          | 135.40                                | 267.7                               | -913.5       | 242.8                  | 217.4                   | 25.36                     | 9.574             |                    |          |
| 10,975.0                                                                                       | 10,856.9              | 10,880.2              | 10,865.4              | 13.9             | 13.9          | 136.29                                | 268.3                               | -913.0       | 261.8                  | 236.3                   | 25.48                     | 10.276            |                    |          |
| 11,000.0                                                                                       | 10,870.0              | 10,892.1              | 10,877.2              | 14.1             | 14.0          | 136.70                                | 268.8                               | -912.5       | 281.7                  | 256.2                   | 25.57                     | 11.018            |                    |          |
| 11,025.0                                                                                       | 10,882.0              | 10,902.7              | 10,887.9              | 14.2             | 14.0          | 136.57                                | 269.3                               | -912.1       | 302.6                  | 277.0                   | 25.65                     | 11.796            |                    |          |
| 11,050.0                                                                                       | 10,892.8              | 10,912.3              | 10,897.4              | 14.3             | 14.0          | 135.85                                | 269.7                               | -911.7       | 324.3                  | 298.5                   | 25.72                     | 12.606            |                    |          |
| 11,075.0                                                                                       | 10,902.4              | 10,920.5              | 10,905.6              | 14.5             | 14.0          | 134.40                                | 270.1                               | -911.4       | 346.6                  | 320.8                   | 25.78                     | 13.443            |                    |          |
| 11,100.0                                                                                       | 10,910.9              | 10,927.6              | 10,912.7              | 14.6             | 14.0          | 132.04                                | 270.4                               | -911.1       | 369.5                  | 343.7                   | 25.83                     | 14.303            |                    |          |
| 11,125.0                                                                                       | 10,918.1              | 10,933.4              | 10,918.5              | 14.8             | 14.0          | 128.48                                | 270.7                               | -910.9       | 392.9                  | 367.0                   | 25.88                     | 15.182            |                    |          |
| 11,150.0                                                                                       | 10,924.0              | 10,937.9              | 10,923.0              | 14.9             | 14.0          | 123.27                                | 270.9                               | -910.7       | 416.7                  | 390.8                   | 25.92                     | 16.078            |                    |          |
| 11,175.0                                                                                       | 10,928.7              | 10,941.2              | 10,926.2              | 15.1             | 14.0          | 115.75                                | 271.0                               | -910.6       | 440.8                  | 414.9                   | 25.95                     | 16.986            |                    |          |
| 11,200.0                                                                                       | 10,932.1              | 10,943.1              | 10,928.2              | 15.3             | 14.0          | 105.16                                | 271.1                               | -910.5       | 465.2                  | 439.2                   | 25.98                     | 17.905            |                    |          |
| 11,225.0                                                                                       | 10,934.2              | 10,943.8              | 10,928.8              | 15.5             | 14.0          | 91.05                                 | 271.1                               | -910.5       | 489.7                  | 463.7                   | 26.01                     | 18.829            |                    |          |
| 11,250.2                                                                                       | 10,935.0              | 10,943.1              | 10,928.2              | 15.6             | 14.0          | 74.30                                 | 271.1                               | -910.5       | 514.5                  | 488.4                   | 26.03                     | 19.764            |                    |          |
| 11,300.0                                                                                       | 10,935.2              | 10,940.6              | 10,925.6              | 16.0             | 14.0          | 68.62                                 | 271.0                               | -910.6       | 563.7                  | 537.6                   | 26.07                     | 21.625            |                    |          |
| 11,400.0                                                                                       | 10,935.8              | 10,935.5              | 10,920.6              | 16.7             | 14.0          | 40.28                                 | 270.7                               | -910.8       | 663.2                  | 637.1                   | 26.12                     | 25.388            |                    |          |
| 11,500.0                                                                                       | 10,936.4              | 10,930.6              | 10,915.7              | 17.5             | 14.0          | -30.74                                | 270.5                               | -911.0       | 763.1                  | 736.9                   | 26.17                     | 29.162            |                    |          |
| 11,600.0                                                                                       | 10,936.9              | 10,925.9              | 10,911.0              | 18.3             | 14.0          | -61.91                                | 270.3                               | -911.2       | 862.7                  | 836.5                   | 26.20                     | 32.927            |                    |          |
| 11,700.0                                                                                       | 10,937.5              | 10,921.4              | 10,906.5              | 19.0             | 14.0          | -71.83                                | 270.1                               | -911.3       | 961.9                  | 935.7                   | 26.23                     | 36.672            |                    |          |

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

## Concho Resources LLC

## Anticollision Report

|                           |                                            |                                     |                                  |
|---------------------------|--------------------------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>           | DELAWARE BASIN EAST                        | <b>Local Co-ordinate Reference:</b> | Well GREEN BERET FED COM #701H   |
| <b>Project:</b>           | BULLDOG PROSPECT (NM-E)                    | <b>TVD Reference:</b>               | KB=25' @ 3285.4usft (SCAN QUEST) |
| <b>Reference Site:</b>    | GREEN BERET FEDERAL PROJECT (BULLDOG 2535) | <b>MD Reference:</b>                | KB=25' @ 3285.4usft (SCAN QUEST) |
| <b>Site Error:</b>        | 3.0 usft                                   | <b>North Reference:</b>             | Grid                             |
| <b>Reference Well:</b>    | GREEN BERET FED COM #701H                  | <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 GREEN BERET FEDERAL PROJECT (BULLDOG 2535) - GREEN BERET FED COM #801H - OWB - F |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Site Error: | 3.0 usft |
|------------------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|----------|
| Survey Program: 0-Standard Keeper 104, 12377-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 |                    |          |
| 5,500.0                                                                                        | 5,484.7               | 5,508.9               | 5,508.9               | 6.8              | 7.8           | -22.88                | -102.3                              | -1,274.1     | 998.3                  | 987.8                   | 10.43                     | 95.697            |                    |          |
| 5,600.0                                                                                        | 5,584.1               | 5,639.5               | 5,639.5               | 6.9              | 7.9           | -23.05                | -99.5                               | -1,272.2     | 986.9                  | 976.2                   | 10.63                     | 92.801            |                    |          |
| 5,700.0                                                                                        | 5,683.6               | 5,755.8               | 5,755.5               | 7.0              | 8.0           | -23.00                | -93.1                               | -1,267.9     | 972.6                  | 961.8                   | 10.83                     | 89.773            |                    |          |
| 5,800.0                                                                                        | 5,783.0               | 5,854.7               | 5,854.2               | 7.1              | 8.2           | -22.93                | -87.0                               | -1,263.8     | 957.9                  | 946.9                   | 11.01                     | 87.024            |                    |          |
| 5,900.0                                                                                        | 5,882.5               | 5,953.6               | 5,952.8               | 7.2              | 8.3           | -22.85                | -80.9                               | -1,259.7     | 943.2                  | 932.0                   | 11.18                     | 84.344            |                    |          |
| 6,000.0                                                                                        | 5,981.9               | 6,052.5               | 6,051.4               | 7.3              | 8.4           | -22.77                | -74.9                               | -1,255.6     | 928.5                  | 917.1                   | 11.36                     | 81.732            |                    |          |
| 6,100.0                                                                                        | 6,081.4               | 6,151.5               | 6,150.0               | 7.4              | 8.5           | -22.69                | -68.8                               | -1,251.5     | 913.7                  | 902.2                   | 11.54                     | 79.188            |                    |          |
| 6,200.0                                                                                        | 6,180.8               | 6,250.4               | 6,248.7               | 7.5              | 8.6           | -22.60                | -62.7                               | -1,247.5     | 899.0                  | 887.3                   | 11.72                     | 76.709            |                    |          |
| 6,300.0                                                                                        | 6,280.3               | 6,349.3               | 6,347.3               | 7.7              | 8.7           | -22.51                | -56.6                               | -1,243.4     | 884.3                  | 872.4                   | 11.90                     | 74.295            |                    |          |
| 6,400.0                                                                                        | 6,379.7               | 6,448.2               | 6,445.9               | 7.8              | 8.8           | -22.42                | -50.6                               | -1,239.3     | 869.6                  | 857.5                   | 12.09                     | 71.944            |                    |          |
| 6,500.0                                                                                        | 6,479.2               | 6,547.1               | 6,544.6               | 7.9              | 8.9           | -22.32                | -44.5                               | -1,235.2     | 854.9                  | 842.6                   | 12.27                     | 69.655            |                    |          |
| 6,600.0                                                                                        | 6,578.6               | 6,646.0               | 6,643.2               | 8.0              | 9.0           | -22.23                | -38.4                               | -1,231.1     | 840.2                  | 827.7                   | 12.46                     | 67.425            |                    |          |
| 6,700.0                                                                                        | 6,678.1               | 6,744.9               | 6,741.8               | 8.1              | 9.1           | -22.12                | -32.3                               | -1,227.0     | 825.5                  | 812.8                   | 12.65                     | 65.255            |                    |          |
| 6,800.0                                                                                        | 6,777.5               | 6,843.8               | 6,840.5               | 8.2              | 9.2           | -22.02                | -26.2                               | -1,222.9     | 810.8                  | 797.9                   | 12.84                     | 63.141            |                    |          |
| 6,900.0                                                                                        | 6,877.0               | 6,942.7               | 6,939.1               | 8.3              | 9.3           | -21.91                | -20.2                               | -1,218.8     | 796.1                  | 783.0                   | 13.03                     | 61.083            |                    |          |
| 7,000.0                                                                                        | 6,976.4               | 7,041.6               | 7,037.7               | 8.4              | 9.4           | -21.80                | -14.1                               | -1,214.7     | 781.4                  | 768.1                   | 13.23                     | 59.079            |                    |          |
| 7,100.0                                                                                        | 7,075.9               | 7,140.5               | 7,136.4               | 8.6              | 9.6           | -21.68                | -8.0                                | -1,210.6     | 766.7                  | 753.3                   | 13.42                     | 57.128            |                    |          |
| 7,200.0                                                                                        | 7,175.3               | 7,239.4               | 7,235.0               | 8.7              | 9.7           | -21.56                | -1.9                                | -1,206.5     | 752.0                  | 738.4                   | 13.62                     | 55.227            |                    |          |
| 7,300.0                                                                                        | 7,274.8               | 7,338.3               | 7,333.6               | 8.8              | 9.8           | -21.43                | 4.1                                 | -1,202.5     | 737.3                  | 723.5                   | 13.81                     | 53.377            |                    |          |
| 7,400.0                                                                                        | 7,374.3               | 7,437.2               | 7,432.2               | 8.9              | 9.9           | -21.30                | 10.2                                | -1,198.4     | 722.6                  | 708.6                   | 14.01                     | 51.574            |                    |          |
| 7,500.0                                                                                        | 7,473.7               | 7,536.1               | 7,530.9               | 9.0              | 10.0          | -21.16                | 16.3                                | -1,194.3     | 707.9                  | 693.7                   | 14.21                     | 49.818            |                    |          |
| 7,600.0                                                                                        | 7,573.2               | 7,635.0               | 7,629.5               | 9.1              | 10.1          | -21.01                | 22.4                                | -1,190.2     | 693.3                  | 678.9                   | 14.41                     | 48.108            |                    |          |
| 7,700.0                                                                                        | 7,672.6               | 7,733.9               | 7,728.1               | 9.3              | 10.2          | -20.87                | 28.5                                | -1,186.1     | 678.6                  | 664.0                   | 14.61                     | 46.442            |                    |          |
| 7,800.0                                                                                        | 7,772.1               | 7,832.8               | 7,826.8               | 9.4              | 10.4          | -20.71                | 34.5                                | -1,182.0     | 663.9                  | 649.1                   | 14.81                     | 44.819            |                    |          |
| 7,900.0                                                                                        | 7,871.5               | 7,931.7               | 7,925.4               | 9.5              | 10.5          | -20.54                | 40.6                                | -1,177.9     | 649.3                  | 634.3                   | 15.02                     | 43.237            |                    |          |
| 8,000.0                                                                                        | 7,971.0               | 8,030.6               | 8,024.0               | 9.6              | 10.6          | -20.37                | 46.7                                | -1,173.8     | 634.6                  | 619.4                   | 15.22                     | 41.696            |                    |          |
| 8,100.0                                                                                        | 8,070.4               | 8,129.5               | 8,122.7               | 9.7              | 10.7          | -20.19                | 52.8                                | -1,169.7     | 620.0                  | 604.5                   | 15.42                     | 40.193            |                    |          |
| 8,200.0                                                                                        | 8,169.9               | 8,228.4               | 8,221.3               | 9.9              | 10.8          | -20.01                | 58.9                                | -1,165.6     | 605.3                  | 589.7                   | 15.63                     | 38.729            |                    |          |
| 8,300.0                                                                                        | 8,269.3               | 8,327.3               | 8,319.9               | 10.0             | 10.9          | -19.81                | 64.9                                | -1,161.5     | 590.7                  | 574.9                   | 15.84                     | 37.301            |                    |          |
| 8,400.0                                                                                        | 8,368.8               | 8,426.2               | 8,418.5               | 10.1             | 11.0          | -19.60                | 71.0                                | -1,157.5     | 576.1                  | 560.0                   | 16.04                     | 35.909            |                    |          |
| 8,500.0                                                                                        | 8,468.2               | 8,525.1               | 8,517.2               | 10.2             | 11.2          | -19.38                | 77.1                                | -1,153.4     | 561.4                  | 545.2                   | 16.25                     | 34.552            |                    |          |
| 8,600.0                                                                                        | 8,567.7               | 8,624.0               | 8,615.8               | 10.3             | 11.3          | -19.15                | 83.2                                | -1,149.3     | 546.8                  | 530.4                   | 16.46                     | 33.228            |                    |          |
| 8,700.0                                                                                        | 8,667.1               | 8,722.9               | 8,714.4               | 10.5             | 11.4          | -18.91                | 89.2                                | -1,145.2     | 532.2                  | 515.6                   | 16.66                     | 31.937            |                    |          |
| 8,800.0                                                                                        | 8,766.6               | 8,821.8               | 8,813.1               | 10.6             | 11.5          | -18.66                | 95.3                                | -1,141.1     | 517.6                  | 500.8                   | 16.87                     | 30.677            |                    |          |
| 8,900.0                                                                                        | 8,866.0               | 8,920.7               | 8,911.7               | 10.7             | 11.6          | -18.39                | 101.4                               | -1,137.0     | 503.0                  | 486.0                   | 17.08                     | 29.448            |                    |          |
| 9,000.0                                                                                        | 8,965.5               | 9,019.6               | 9,010.3               | 10.8             | 11.7          | -18.10                | 107.5                               | -1,132.9     | 488.5                  | 471.2                   | 17.29                     | 28.249            |                    |          |
| 9,100.0                                                                                        | 9,064.9               | 9,118.5               | 9,109.0               | 11.0             | 11.9          | -17.79                | 113.6                               | -1,128.8     | 473.9                  | 456.4                   | 17.50                     | 27.080            |                    |          |
| 9,200.0                                                                                        | 9,164.4               | 9,217.4               | 9,207.6               | 11.1             | 12.0          | -17.47                | 119.6                               | -1,124.7     | 459.4                  | 441.7                   | 17.71                     | 25.938            |                    |          |
| 9,300.0                                                                                        | 9,263.8               | 9,316.3               | 9,306.2               | 11.2             | 12.1          | -17.13                | 125.7                               | -1,120.6     | 444.8                  | 426.9                   | 17.92                     | 24.823            |                    |          |
| 9,400.0                                                                                        | 9,363.3               | 9,415.2               | 9,404.9               | 11.3             | 12.2          | -16.76                | 131.8                               | -1,116.5     | 430.3                  | 412.2                   | 18.13                     | 23.735            |                    |          |
| 9,500.0                                                                                        | 9,462.7               | 9,514.1               | 9,503.5               | 11.5             | 12.3          | -16.36                | 137.9                               | -1,112.5     | 415.8                  | 397.5                   | 18.34                     | 22.673            |                    |          |
| 9,600.0                                                                                        | 9,562.2               | 9,613.0               | 9,602.1               | 11.6             | 12.5          | -15.94                | 143.9                               | -1,108.4     | 401.4                  | 382.8                   | 18.55                     | 21.637            |                    |          |
| 9,700.0                                                                                        | 9,661.7               | 9,711.9               | 9,700.7               | 11.7             | 12.6          | -15.49                | 150.0                               | -1,104.3     | 386.9                  | 368.2                   | 18.76                     | 20.624            |                    |          |
| 9,800.0                                                                                        | 9,761.1               | 9,810.8               | 9,799.4               | 11.8             | 12.7          | -15.00                | 156.1                               | -1,100.2     | 372.5                  | 353.5                   | 18.97                     | 19.636            |                    |          |
| 9,900.0                                                                                        | 9,860.6               | 9,909.7               | 9,898.0               | 12.0             | 12.8          | -14.47                | 162.2                               | -1,096.1     | 358.1                  | 338.9                   | 19.18                     | 18.670            |                    |          |
| 10,000.0                                                                                       | 9,960.0               | 10,008.6              | 9,996.6               | 12.1             | 12.9          | -13.90                | 168.3                               | -1,092.0     | 343.7                  | 324.3                   | 19.39                     | 17.728            |                    |          |
| 10,100.0                                                                                       | 10,059.5              | 10,107.5              | 10,095.3              | 12.2             | 13.1          | -13.27                | 174.3                               | -1,087.9     | 329.4                  | 309.8                   | 19.60                     | 16.808            |                    |          |
| 10,200.0                                                                                       | 10,158.9              | 10,206.4              | 10,193.9              | 12.3             | 13.2          | -12.60                | 180.4                               | -1,083.8     | 315.1                  | 295.3                   | 19.81                     | 15.909            |                    |          |
| 10,300.0                                                                                       | 10,258.4              | 10,305.3              | 10,292.5              | 12.5             | 13.3          | -11.85                | 186.5                               | -1,079.7     | 300.9                  | 280.9                   | 20.02                     | 15.031            |                    |          |
| 10,400.0                                                                                       | 10,357.8              | 10,404.2              | 10,391.2              | 12.6             | 13.4          | -11.04                | 192.6                               | -1,075.6     | 286.7                  | 266.5                   | 20.23                     | 14.174            |                    |          |
| 10,500.0                                                                                       | 10,457.3              | 10,503.1              | 10,489.8              | 12.7             | 13.5          | -10.14                | 198.6                               | -1,071.5     | 272.6                  | 252.1                   | 20.44                     | 13.338            |                    |          |

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

# Concho Resources LLC

## Anticollision Report

|                           |                                            |                                     |                                  |
|---------------------------|--------------------------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>           | DELAWARE BASIN EAST                        | <b>Local Co-ordinate Reference:</b> | Well GREEN BERET FED COM #701H   |
| <b>Project:</b>           | BULLDOG PROSPECT (NM-E)                    | <b>TVD Reference:</b>               | KB=25' @ 3285.4usft (SCAN QUEST) |
| <b>Reference Site:</b>    | GREEN BERET FEDERAL PROJECT (BULLDOG 2535) | <b>MD Reference:</b>                | KB=25' @ 3285.4usft (SCAN QUEST) |
| <b>Site Error:</b>        | 3.0 usft                                   | <b>North Reference:</b>             | Grid                             |
| <b>Reference Well:</b>    | GREEN BERET FED COM #701H                  | <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 GREEN BERET FEDERAL PROJECT (BULLDOG 2535) - GREEN BERET FED COM #801H - OWB - F |                       |                       |                       |                  |               |                                       |                                     |              |                        |                         |                           |                   | Offset Site Error: | 3.0 usft |
|------------------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|---------------------------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|----------|
| Survey Program: 0-Standard Keeper 104, 12377-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            |          |
| 10,513.3                                                                                       | 10,470.5              | 10,516.3              | 10,502.9              | 12.7             | 13.6          | -10.01                                | 199.5                               | -1,071.0     | 270.7                  | 250.2                   | 20.46                     | 13.228            |                    |          |
| 10,525.0                                                                                       | 10,482.1              | 10,527.9              | 10,514.4              | 12.8             | 13.6          | 2.58                                  | 200.2                               | -1,070.5     | 269.0                  | 248.5                   | 20.49                     | 13.130            |                    |          |
| 10,550.0                                                                                       | 10,506.9              | 10,552.4              | 10,538.9              | 12.8             | 13.6          | 23.02                                 | 201.7                               | -1,069.5     | 265.0                  | 244.5                   | 20.54                     | 12.905            |                    |          |
| 10,575.0                                                                                       | 10,531.6              | 10,576.8              | 10,563.2              | 12.8             | 13.6          | 36.16                                 | 203.2                               | -1,068.5     | 260.6                  | 240.1                   | 20.58                     | 12.664            |                    |          |
| 10,600.0                                                                                       | 10,556.1              | 10,600.8              | 10,587.2              | 12.9             | 13.7          | 45.13                                 | 204.6                               | -1,067.5     | 255.9                  | 235.3                   | 20.62                     | 12.408            |                    |          |
| 10,625.0                                                                                       | 10,580.3              | 10,624.5              | 10,610.8              | 12.9             | 13.7          | 51.94                                 | 206.1                               | -1,066.5     | 250.8                  | 230.2                   | 20.67                     | 12.138            |                    |          |
| 10,650.0                                                                                       | 10,604.2              | 10,647.8              | 10,634.1              | 12.9             | 13.7          | 57.62                                 | 207.5                               | -1,065.6     | 245.6                  | 224.9                   | 20.72                     | 11.857            |                    |          |
| 10,675.0                                                                                       | 10,627.7              | 10,670.6              | 10,656.8              | 13.0             | 13.7          | 62.70                                 | 208.9                               | -1,064.6     | 240.4                  | 219.6                   | 20.78                     | 11.568            |                    |          |
| 10,700.0                                                                                       | 10,650.7              | 10,692.9              | 10,679.0              | 13.0             | 13.8          | 67.47                                 | 210.3                               | -1,063.7     | 235.3                  | 214.4                   | 20.87                     | 11.273            |                    |          |
| 10,725.0                                                                                       | 10,673.2              | 10,714.5              | 10,700.6              | 13.1             | 13.8          | 72.07                                 | 211.6                               | -1,062.8     | 230.5                  | 209.5                   | 21.00                     | 10.976            |                    |          |
| 10,750.0                                                                                       | 10,695.1              | 10,735.5              | 10,721.5              | 13.1             | 13.8          | 76.55                                 | 212.9                               | -1,061.9     | 226.3                  | 205.1                   | 21.19                     | 10.682            |                    |          |
| 10,775.0                                                                                       | 10,716.4              | 10,755.7              | 10,741.7              | 13.2             | 13.9          | 80.92                                 | 214.2                               | -1,061.1     | 222.9                  | 201.4                   | 21.44                     | 10.396            |                    |          |
| 10,800.0                                                                                       | 10,737.0              | 10,775.2              | 10,761.1              | 13.3             | 13.9          | 85.14                                 | 215.4                               | -1,060.3     | 220.4                  | 198.7                   | 21.76                     | 10.130            |                    |          |
| 10,825.0                                                                                       | 10,756.8              | 10,793.8              | 10,779.7              | 13.3             | 13.9          | 89.17                                 | 216.5                               | -1,059.5     | 219.3                  | 197.1                   | 22.17                     | 9.893             |                    |          |
| 10,831.5                                                                                       | 10,761.8              | 10,798.5              | 10,784.4              | 13.4             | 13.9          | 90.18                                 | 216.8                               | -1,059.3     | 219.2                  | 197.0                   | 22.28                     | 9.838 CC, ES      |                    |          |
| 10,850.0                                                                                       | 10,775.8              | 10,811.6              | 10,797.3              | 13.4             | 13.9          | 92.94                                 | 217.6                               | -1,058.8     | 219.7                  | 197.1                   | 22.64                     | 9.702             |                    |          |
| 10,875.0                                                                                       | 10,793.9              | 10,828.4              | 10,814.1              | 13.5             | 13.9          | 96.39                                 | 218.6                               | -1,058.1     | 221.8                  | 198.7                   | 23.18                     | 9.571             |                    |          |
| 10,900.0                                                                                       | 10,811.1              | 10,844.2              | 10,829.9              | 13.6             | 14.0          | 99.47                                 | 219.6                               | -1,057.4     | 225.9                  | 202.1                   | 23.74                     | 9.514 SF          |                    |          |
| 10,925.0                                                                                       | 10,827.4              | 10,859.0              | 10,844.7              | 13.7             | 14.0          | 102.14                                | 220.5                               | -1,056.8     | 231.9                  | 207.6                   | 24.30                     | 9.541             |                    |          |
| 10,950.0                                                                                       | 10,842.6              | 10,872.8              | 10,858.4              | 13.8             | 14.0          | 104.36                                | 221.4                               | -1,056.3     | 239.9                  | 215.1                   | 24.84                     | 9.659             |                    |          |
| 10,975.0                                                                                       | 10,856.9              | 10,885.4              | 10,871.0              | 13.9             | 14.0          | 106.09                                | 222.1                               | -1,055.7     | 250.0                  | 224.6                   | 25.33                     | 9.867             |                    |          |
| 11,000.0                                                                                       | 10,870.0              | 10,896.9              | 10,882.5              | 14.1             | 14.0          | 107.32                                | 222.8                               | -1,055.3     | 261.9                  | 236.1                   | 25.77                     | 10.163            |                    |          |
| 11,025.0                                                                                       | 10,882.0              | 10,907.3              | 10,892.8              | 14.2             | 14.0          | 108.02                                | 223.5                               | -1,054.8     | 275.6                  | 249.4                   | 26.14                     | 10.542            |                    |          |
| 11,050.0                                                                                       | 10,892.8              | 10,916.4              | 10,901.9              | 14.3             | 14.1          | 108.15                                | 224.0                               | -1,054.4     | 290.8                  | 264.4                   | 26.45                     | 10.995            |                    |          |
| 11,075.0                                                                                       | 10,902.4              | 10,924.3              | 10,909.8              | 14.5             | 14.1          | 107.67                                | 224.5                               | -1,054.1     | 307.5                  | 280.8                   | 26.71                     | 11.515            |                    |          |
| 11,100.0                                                                                       | 10,910.9              | 10,931.0              | 10,916.5              | 14.6             | 14.1          | 106.55                                | 224.9                               | -1,053.8     | 325.5                  | 298.6                   | 26.92                     | 12.093            |                    |          |
| 11,125.0                                                                                       | 10,918.1              | 10,936.4              | 10,921.9              | 14.8             | 14.1          | 104.71                                | 225.3                               | -1,053.6     | 344.6                  | 317.5                   | 27.09                     | 12.722            |                    |          |
| 11,150.0                                                                                       | 10,924.0              | 10,940.6              | 10,926.0              | 14.9             | 14.1          | 102.09                                | 225.5                               | -1,053.4     | 364.6                  | 337.4                   | 27.22                     | 13.393            |                    |          |
| 11,175.0                                                                                       | 10,928.7              | 10,943.4              | 10,928.9              | 15.1             | 14.1          | 98.61                                 | 225.7                               | -1,053.3     | 385.3                  | 358.0                   | 27.33                     | 14.099            |                    |          |
| 11,200.0                                                                                       | 10,932.1              | 10,945.0              | 10,930.4              | 15.3             | 14.1          | 94.24                                 | 225.8                               | -1,053.3     | 406.7                  | 379.3                   | 27.42                     | 14.835            |                    |          |
| 11,225.0                                                                                       | 10,934.2              | 10,945.3              | 10,930.7              | 15.5             | 14.1          | 88.94                                 | 225.8                               | -1,053.3     | 428.6                  | 401.1                   | 27.49                     | 15.595            |                    |          |
| 11,250.2                                                                                       | 10,935.0              | 10,944.2              | 10,929.6              | 15.6             | 14.1          | 82.74                                 | 225.8                               | -1,053.3     | 451.0                  | 423.5                   | 27.54                     | 16.378            |                    |          |
| 11,300.0                                                                                       | 10,935.2              | 10,940.8              | 10,926.3              | 16.0             | 14.1          | 81.14                                 | 225.5                               | -1,053.4     | 496.5                  | 468.9                   | 27.62                     | 17.979            |                    |          |
| 11,400.0                                                                                       | 10,935.8              | 10,934.2              | 10,919.6              | 16.7             | 14.1          | 76.60                                 | 225.1                               | -1,053.7     | 591.5                  | 563.8                   | 27.70                     | 21.349            |                    |          |
| 11,500.0                                                                                       | 10,936.4              | 10,927.6              | 10,913.1              | 17.5             | 14.1          | 68.18                                 | 224.7                               | -1,054.0     | 689.2                  | 661.5                   | 27.76                     | 24.831            |                    |          |
| 11,600.0                                                                                       | 10,936.9              | 10,921.2              | 10,906.7              | 18.3             | 14.1          | 47.81                                 | 224.3                               | -1,054.2     | 788.4                  | 760.6                   | 27.80                     | 28.360            |                    |          |
| 11,700.0                                                                                       | 10,937.5              | 10,915.1              | 10,900.6              | 19.0             | 14.0          | -5.64                                 | 224.0                               | -1,054.5     | 888.2                  | 860.3                   | 27.84                     | 31.898            |                    |          |
| 11,800.0                                                                                       | 10,938.0              | 10,909.1              | 10,894.7              | 19.8             | 14.0          | -49.56                                | 223.6                               | -1,054.7     | 987.9                  | 960.0                   | 27.89                     | 35.425            |                    |          |

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

## Concho Resources LLC

## Anticollision Report

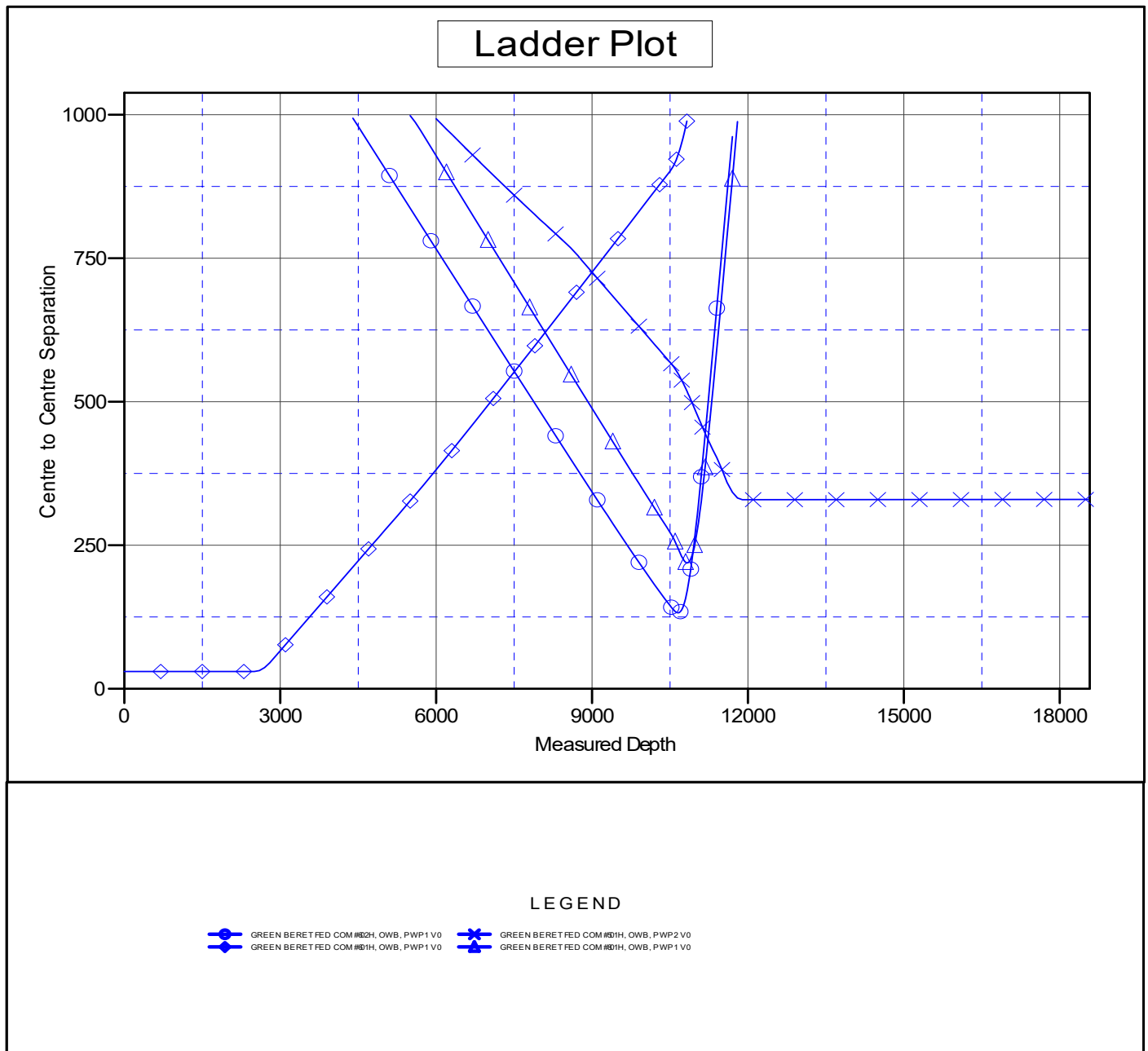
|                           |                                            |                                     |                                  |
|---------------------------|--------------------------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>           | DELAWARE BASIN EAST                        | <b>Local Co-ordinate Reference:</b> | Well GREEN BERET FED COM #701H   |
| <b>Project:</b>           | BULLDOG PROSPECT (NM-E)                    | <b>TVD Reference:</b>               | KB=25' @ 3285.4usft (SCAN QUEST) |
| <b>Reference Site:</b>    | GREEN BERET FEDERAL PROJECT (BULLDOG 2535) | <b>MD Reference:</b>                | KB=25' @ 3285.4usft (SCAN QUEST) |
| <b>Site Error:</b>        | 3.0 usft                                   | <b>North Reference:</b>             | Grid                             |
| <b>Reference Well:</b>    | GREEN BERET FED COM #701H                  | <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=25' @ 3285.4usft (SCAN QUEST) Coordinates are relative to: GREEN BERET FED COM #701H

Offset Depths are relative to Offset Datum

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

Grid Convergence at Surface is: 0.51°



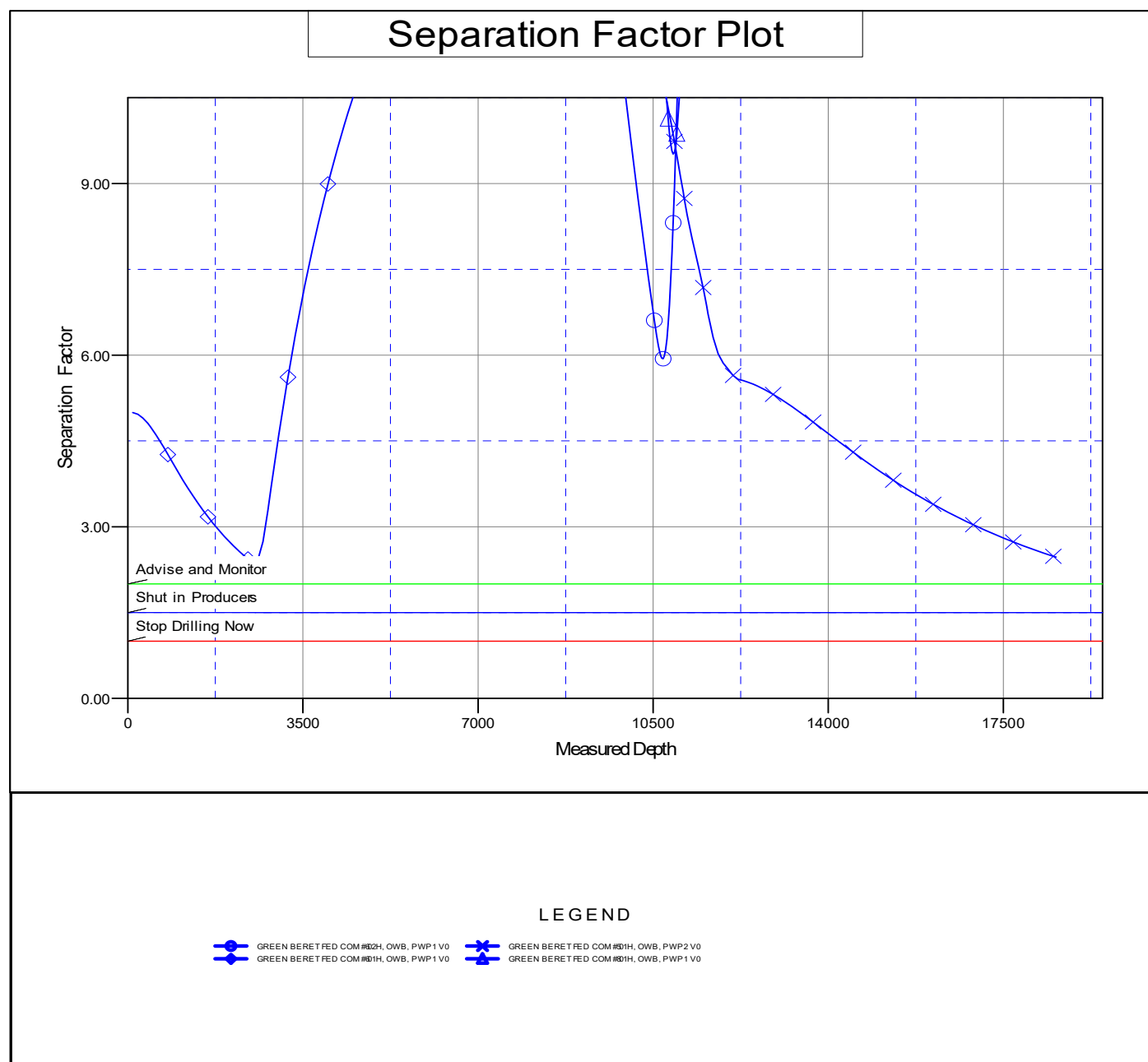
CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## Concho Resources LLC

## Anticollision Report

|                           |                                            |                                     |                                  |
|---------------------------|--------------------------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>           | DELAWARE BASIN EAST                        | <b>Local Co-ordinate Reference:</b> | Well GREEN BERET FED COM #701H   |
| <b>Project:</b>           | BULLDOG PROSPECT (NM-E)                    | <b>TVD Reference:</b>               | KB=25' @ 3285.4usft (SCAN QUEST) |
| <b>Reference Site:</b>    | GREEN BERET FEDERAL PROJECT (BULLDOG 2535) | <b>MD Reference:</b>                | KB=25' @ 3285.4usft (SCAN QUEST) |
| <b>Site Error:</b>        | 3.0 usft                                   | <b>North Reference:</b>             | Grid                             |
| <b>Reference Well:</b>    | GREEN BERET FED COM #701H                  | <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=25' @ 3285.4usft (SCAN QUEST) Coordinates are relative to: GREEN BERET FED COM #701H  
 Offset Depths are relative to Offset Datum Coordinate System is US State Plane 1927 (Exact solution), New Mexico East 30  
 Central Meridian is 104° 20' 0.000 W Grid Convergence at Surface is: 0.51°



# **DELAWARE BASIN EAST**

**BULLDOG PROSPECT (NM-E)**

**GREEN BERET FEDERAL PROJECT (BULLDOG 2535)**

**GREEN BERET FED COM #701H**

**OWB**

**Plan: PWP2**

## **Standard Survey Report**

**17 September, 2020**

## Concho Resources LLC

## Survey Report

|                  |                                            |                                     |                                  |
|------------------|--------------------------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>  | DELAWARE BASIN EAST                        | <b>Local Co-ordinate Reference:</b> | Well GREEN BERET FED COM #701H   |
| <b>Project:</b>  | BULLDOG PROSPECT (NM-E)                    | <b>TVD Reference:</b>               | KB=25' @ 3285.4usft (SCAN QUEST) |
| <b>Site:</b>     | GREEN BERET FEDERAL PROJECT (BULLDOG 2535) | <b>MD Reference:</b>                | KB=25' @ 3285.4usft (SCAN QUEST) |
| <b>Well:</b>     | GREEN BERET FED COM #701H                  | <b>North Reference:</b>             | Grid                             |
| <b>Wellbore:</b> | OWB                                        | <b>Survey Calculation Method:</b>   | Minimum Curvature                |
| <b>Design:</b>   | PWP2                                       | <b>Database:</b>                    | edm                              |

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

|                             |                           |          |                            |                   |
|-----------------------------|---------------------------|----------|----------------------------|-------------------|
| <b>Well</b>                 | GREEN BERET FED COM #701H |          |                            |                   |
| <b>Well Position</b>        | <b>+N/-S</b>              | 0.0 usft | <b>Northing:</b>           | 409,396.20 usfi   |
|                             | <b>+E/-W</b>              | 0.0 usft | <b>Easting:</b>            | 794,180.30 usfi   |
| <b>Position Uncertainty</b> |                           | 3.0 usft | <b>Wellhead Elevation:</b> | usfi              |
|                             |                           |          | <b>Latitude:</b>           | 32° 7' 19.130 N   |
|                             |                           |          | <b>Longitude:</b>          | 103° 22' 59.186 W |
|                             |                           |          | <b>Ground Level:</b>       | 3,255.4 usft      |

|                  |                   |                    |                        |                      |                            |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| <b>Wellbore</b>  | OWB               |                    |                        |                      |                            |
| <b>Magnetics</b> | <b>Model Name</b> | <b>Sample Date</b> | <b>Declination (°)</b> | <b>Dip Angle (°)</b> | <b>Field Strength (nT)</b> |
|                  | IGRF2020          | 9/17/2020          | 6.54                   | 59.86                | 47,531.14022572            |

|                          |                                |                     |                      |                      |     |
|--------------------------|--------------------------------|---------------------|----------------------|----------------------|-----|
| <b>Design</b>            | PWP2                           |                     |                      |                      |     |
| <b>Audit Notes:</b>      |                                |                     |                      |                      |     |
| <b>Version:</b>          | <b>Phase:</b>                  | PLAN                | <b>Tie On Depth:</b> |                      | 0.0 |
| <b>Vertical Section:</b> | <b>Depth From (TVD) (usft)</b> | <b>+N/-S (usft)</b> | <b>+E/-W (usft)</b>  | <b>Direction (°)</b> |     |
|                          | 10,975.0                       | 0.0                 | 0.0                  | 188.49               |     |

|                            |                  |                          |                     |                                    |  |
|----------------------------|------------------|--------------------------|---------------------|------------------------------------|--|
| <b>Survey Tool Program</b> | <b>Date</b>      | 9/17/2020                |                     |                                    |  |
| <b>From (usft)</b>         | <b>To (usft)</b> | <b>Survey (Wellbore)</b> | <b>Tool Name</b>    | <b>Description</b>                 |  |
| 0.0                        | 0.0              | PWP2 (OWB)               | Standard Keeper 104 | Standard Wireline Keeper ver 1.0.4 |  |
| 12,120.6                   | 18,554.3         | PWP2 (OWB)               | MWD+IFR1+FDIR       | OWSG MWD + IFR1 + FDIR Correction  |  |

|                              |                        |                    |                              |                     |                     |                                |                                |                               |                              |  |
|------------------------------|------------------------|--------------------|------------------------------|---------------------|---------------------|--------------------------------|--------------------------------|-------------------------------|------------------------------|--|
| <b>Planned Survey</b>        |                        |                    |                              |                     |                     |                                |                                |                               |                              |  |
| <b>Measured Depth (usft)</b> | <b>Inclination (°)</b> | <b>Azimuth (°)</b> | <b>Vertical Depth (usft)</b> | <b>+N/-S (usft)</b> | <b>+E/-W (usft)</b> | <b>Vertical Section (usft)</b> | <b>Dogleg Rate (°/100usft)</b> | <b>Build Rate (°/100usft)</b> | <b>Turn Rate (°/100usft)</b> |  |
| 0.0                          | 0.00                   | 0.00               | 0.0                          | 0.0                 | 0.0                 | 0.0                            | 0.00                           | 0.00                          | 0.00                         |  |
| 100.0                        | 0.00                   | 0.00               | 100.0                        | 0.0                 | 0.0                 | 0.0                            | 0.00                           | 0.00                          | 0.00                         |  |
| 200.0                        | 0.00                   | 0.00               | 200.0                        | 0.0                 | 0.0                 | 0.0                            | 0.00                           | 0.00                          | 0.00                         |  |
| 300.0                        | 0.00                   | 0.00               | 300.0                        | 0.0                 | 0.0                 | 0.0                            | 0.00                           | 0.00                          | 0.00                         |  |
| 400.0                        | 0.00                   | 0.00               | 400.0                        | 0.0                 | 0.0                 | 0.0                            | 0.00                           | 0.00                          | 0.00                         |  |
| 500.0                        | 0.00                   | 0.00               | 500.0                        | 0.0                 | 0.0                 | 0.0                            | 0.00                           | 0.00                          | 0.00                         |  |
| 600.0                        | 0.00                   | 0.00               | 600.0                        | 0.0                 | 0.0                 | 0.0                            | 0.00                           | 0.00                          | 0.00                         |  |
| 700.0                        | 0.00                   | 0.00               | 700.0                        | 0.0                 | 0.0                 | 0.0                            | 0.00                           | 0.00                          | 0.00                         |  |
| 800.0                        | 0.00                   | 0.00               | 800.0                        | 0.0                 | 0.0                 | 0.0                            | 0.00                           | 0.00                          | 0.00                         |  |
| 900.0                        | 0.00                   | 0.00               | 900.0                        | 0.0                 | 0.0                 | 0.0                            | 0.00                           | 0.00                          | 0.00                         |  |
| 1,000.0                      | 0.00                   | 0.00               | 1,000.0                      | 0.0                 | 0.0                 | 0.0                            | 0.00                           | 0.00                          | 0.00                         |  |
| 1,100.0                      | 0.00                   | 0.00               | 1,100.0                      | 0.0                 | 0.0                 | 0.0                            | 0.00                           | 0.00                          | 0.00                         |  |
| 1,200.0                      | 0.00                   | 0.00               | 1,200.0                      | 0.0                 | 0.0                 | 0.0                            | 0.00                           | 0.00                          | 0.00                         |  |
| 1,300.0                      | 0.00                   | 0.00               | 1,300.0                      | 0.0                 | 0.0                 | 0.0                            | 0.00                           | 0.00                          | 0.00                         |  |

## Concho Resources LLC

## Survey Report

|                  |                                               |                                     |                                  |
|------------------|-----------------------------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>  | DELAWARE BASIN EAST                           | <b>Local Co-ordinate Reference:</b> | Well GREEN BERET FED COM #701H   |
| <b>Project:</b>  | BULLDOG PROSPECT (NM-E)                       | <b>TVD Reference:</b>               | KB=25' @ 3285.4usft (SCAN QUEST) |
| <b>Site:</b>     | GREEN BERET FEDERAL PROJECT<br>(BULLDOG 2535) | <b>MD Reference:</b>                | KB=25' @ 3285.4usft (SCAN QUEST) |
| <b>Well:</b>     | GREEN BERET FED COM #701H                     | <b>North Reference:</b>             | Grid                             |
| <b>Wellbore:</b> | OWB                                           | <b>Survey Calculation Method:</b>   | Minimum Curvature                |
| <b>Design:</b>   | PWP2                                          | <b>Database:</b>                    | edm                              |

| Planned Survey                        |                 |             |                       |              |              |                         |                         |                        |                       |
|---------------------------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft)                 | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 1,400.0                               | 0.00            | 0.00        | 1,400.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 1,500.0                               | 0.00            | 0.00        | 1,500.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 1,600.0                               | 0.00            | 0.00        | 1,600.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 1,700.0                               | 0.00            | 0.00        | 1,700.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 1,800.0                               | 0.00            | 0.00        | 1,800.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 1,900.0                               | 0.00            | 0.00        | 1,900.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 2,000.0                               | 0.00            | 0.00        | 2,000.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 2,100.0                               | 0.00            | 0.00        | 2,100.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 2,200.0                               | 0.00            | 0.00        | 2,200.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 2,300.0                               | 0.00            | 0.00        | 2,300.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 2,400.0                               | 0.00            | 0.00        | 2,400.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 2,500.0                               | 0.00            | 0.00        | 2,500.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| <b>Start Build 2.00</b>               |                 |             |                       |              |              |                         |                         |                        |                       |
| 2,600.0                               | 2.00            | 283.00      | 2,600.0               | 0.4          | -1.7         | -0.1                    | 2.00                    | 2.00                   | 0.00                  |
| 2,700.0                               | 4.00            | 283.00      | 2,699.8               | 1.6          | -6.8         | -0.5                    | 2.00                    | 2.00                   | 0.00                  |
| 2,800.0                               | 6.00            | 283.00      | 2,799.5               | 3.5          | -15.3        | -1.2                    | 2.00                    | 2.00                   | 0.00                  |
| <b>Start 7713.3 hold at 2800.0 MD</b> |                 |             |                       |              |              |                         |                         |                        |                       |
| 2,900.0                               | 6.00            | 283.00      | 2,898.9               | 5.9          | -25.5        | -2.1                    | 0.00                    | 0.00                   | 0.00                  |
| 3,000.0                               | 6.00            | 283.00      | 2,998.4               | 8.2          | -35.7        | -2.9                    | 0.00                    | 0.00                   | 0.00                  |
| 3,100.0                               | 6.00            | 283.00      | 3,097.8               | 10.6         | -45.8        | -3.7                    | 0.00                    | 0.00                   | 0.00                  |
| 3,200.0                               | 6.00            | 283.00      | 3,197.3               | 12.9         | -56.0        | -4.5                    | 0.00                    | 0.00                   | 0.00                  |
| 3,300.0                               | 6.00            | 283.00      | 3,296.7               | 15.3         | -66.2        | -5.3                    | 0.00                    | 0.00                   | 0.00                  |
| 3,400.0                               | 6.00            | 283.00      | 3,396.2               | 17.6         | -76.4        | -6.2                    | 0.00                    | 0.00                   | 0.00                  |
| 3,500.0                               | 6.00            | 283.00      | 3,495.6               | 20.0         | -86.6        | -7.0                    | 0.00                    | 0.00                   | 0.00                  |
| 3,600.0                               | 6.00            | 283.00      | 3,595.1               | 22.3         | -96.8        | -7.8                    | 0.00                    | 0.00                   | 0.00                  |
| 3,700.0                               | 6.00            | 283.00      | 3,694.5               | 24.7         | -107.0       | -8.6                    | 0.00                    | 0.00                   | 0.00                  |
| 3,800.0                               | 6.00            | 283.00      | 3,794.0               | 27.0         | -117.1       | -9.5                    | 0.00                    | 0.00                   | 0.00                  |
| 3,900.0                               | 6.00            | 283.00      | 3,893.4               | 29.4         | -127.3       | -10.3                   | 0.00                    | 0.00                   | 0.00                  |
| 4,000.0                               | 6.00            | 283.00      | 3,992.9               | 31.7         | -137.5       | -11.1                   | 0.00                    | 0.00                   | 0.00                  |
| 4,100.0                               | 6.00            | 283.00      | 4,092.3               | 34.1         | -147.7       | -11.9                   | 0.00                    | 0.00                   | 0.00                  |
| 4,200.0                               | 6.00            | 283.00      | 4,191.8               | 36.4         | -157.9       | -12.7                   | 0.00                    | 0.00                   | 0.00                  |
| 4,300.0                               | 6.00            | 283.00      | 4,291.2               | 38.8         | -168.1       | -13.6                   | 0.00                    | 0.00                   | 0.00                  |
| 4,400.0                               | 6.00            | 283.00      | 4,390.7               | 41.2         | -178.3       | -14.4                   | 0.00                    | 0.00                   | 0.00                  |
| 4,500.0                               | 6.00            | 283.00      | 4,490.1               | 43.5         | -188.4       | -15.2                   | 0.00                    | 0.00                   | 0.00                  |
| 4,600.0                               | 6.00            | 283.00      | 4,589.6               | 45.9         | -198.6       | -16.0                   | 0.00                    | 0.00                   | 0.00                  |
| 4,700.0                               | 6.00            | 283.00      | 4,689.0               | 48.2         | -208.8       | -16.9                   | 0.00                    | 0.00                   | 0.00                  |
| 4,800.0                               | 6.00            | 283.00      | 4,788.5               | 50.6         | -219.0       | -17.7                   | 0.00                    | 0.00                   | 0.00                  |
| 4,900.0                               | 6.00            | 283.00      | 4,887.9               | 52.9         | -229.2       | -18.5                   | 0.00                    | 0.00                   | 0.00                  |
| 5,000.0                               | 6.00            | 283.00      | 4,987.4               | 55.3         | -239.4       | -19.3                   | 0.00                    | 0.00                   | 0.00                  |
| 5,100.0                               | 6.00            | 283.00      | 5,086.9               | 57.6         | -249.5       | -20.1                   | 0.00                    | 0.00                   | 0.00                  |
| 5,200.0                               | 6.00            | 283.00      | 5,186.3               | 60.0         | -259.7       | -21.0                   | 0.00                    | 0.00                   | 0.00                  |
| 5,300.0                               | 6.00            | 283.00      | 5,285.8               | 62.3         | -269.9       | -21.8                   | 0.00                    | 0.00                   | 0.00                  |
| 5,400.0                               | 6.00            | 283.00      | 5,385.2               | 64.7         | -280.1       | -22.6                   | 0.00                    | 0.00                   | 0.00                  |

## Concho Resources LLC

## Survey Report

|                  |                                               |                                     |                                  |
|------------------|-----------------------------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>  | DELAWARE BASIN EAST                           | <b>Local Co-ordinate Reference:</b> | Well GREEN BERET FED COM #701H   |
| <b>Project:</b>  | BULLDOG PROSPECT (NM-E)                       | <b>TVD Reference:</b>               | KB=25' @ 3285.4usft (SCAN QUEST) |
| <b>Site:</b>     | GREEN BERET FEDERAL PROJECT<br>(BULLDOG 2535) | <b>MD Reference:</b>                | KB=25' @ 3285.4usft (SCAN QUEST) |
| <b>Well:</b>     | GREEN BERET FED COM #701H                     | <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) |
| 5,500.0               | 6.00            | 283.00      | 5,484.7               | 67.0         | -290.3       | -23.4                   | 0.00                    | 0.00                   | 0.00                  |
| 5,600.0               | 6.00            | 283.00      | 5,584.1               | 69.4         | -300.5       | -24.2                   | 0.00                    | 0.00                   | 0.00                  |
| 5,700.0               | 6.00            | 283.00      | 5,683.6               | 71.7         | -310.7       | -25.1                   | 0.00                    | 0.00                   | 0.00                  |
| 5,800.0               | 6.00            | 283.00      | 5,783.0               | 74.1         | -320.8       | -25.9                   | 0.00                    | 0.00                   | 0.00                  |
| 5,900.0               | 6.00            | 283.00      | 5,882.5               | 76.4         | -331.0       | -26.7                   | 0.00                    | 0.00                   | 0.00                  |
| 6,000.0               | 6.00            | 283.00      | 5,981.9               | 78.8         | -341.2       | -27.5                   | 0.00                    | 0.00                   | 0.00                  |
| 6,100.0               | 6.00            | 283.00      | 6,081.4               | 81.1         | -351.4       | -28.4                   | 0.00                    | 0.00                   | 0.00                  |
| 6,200.0               | 6.00            | 283.00      | 6,180.8               | 83.5         | -361.6       | -29.2                   | 0.00                    | 0.00                   | 0.00                  |
| 6,300.0               | 6.00            | 283.00      | 6,280.3               | 85.8         | -371.8       | -30.0                   | 0.00                    | 0.00                   | 0.00                  |
| 6,400.0               | 6.00            | 283.00      | 6,379.7               | 88.2         | -381.9       | -30.8                   | 0.00                    | 0.00                   | 0.00                  |
| 6,500.0               | 6.00            | 283.00      | 6,479.2               | 90.5         | -392.1       | -31.6                   | 0.00                    | 0.00                   | 0.00                  |
| 6,600.0               | 6.00            | 283.00      | 6,578.6               | 92.9         | -402.3       | -32.5                   | 0.00                    | 0.00                   | 0.00                  |
| 6,700.0               | 6.00            | 283.00      | 6,678.1               | 95.2         | -412.5       | -33.3                   | 0.00                    | 0.00                   | 0.00                  |
| 6,800.0               | 6.00            | 283.00      | 6,777.5               | 97.6         | -422.7       | -34.1                   | 0.00                    | 0.00                   | 0.00                  |
| 6,900.0               | 6.00            | 283.00      | 6,877.0               | 99.9         | -432.9       | -34.9                   | 0.00                    | 0.00                   | 0.00                  |
| 7,000.0               | 6.00            | 283.00      | 6,976.4               | 102.3        | -443.1       | -35.8                   | 0.00                    | 0.00                   | 0.00                  |
| 7,100.0               | 6.00            | 283.00      | 7,075.9               | 104.6        | -453.2       | -36.6                   | 0.00                    | 0.00                   | 0.00                  |
| 7,200.0               | 6.00            | 283.00      | 7,175.3               | 107.0        | -463.4       | -37.4                   | 0.00                    | 0.00                   | 0.00                  |
| 7,300.0               | 6.00            | 283.00      | 7,274.8               | 109.3        | -473.6       | -38.2                   | 0.00                    | 0.00                   | 0.00                  |
| 7,400.0               | 6.00            | 283.00      | 7,374.3               | 111.7        | -483.8       | -39.0                   | 0.00                    | 0.00                   | 0.00                  |
| 7,500.0               | 6.00            | 283.00      | 7,473.7               | 114.0        | -494.0       | -39.9                   | 0.00                    | 0.00                   | 0.00                  |
| 7,600.0               | 6.00            | 283.00      | 7,573.2               | 116.4        | -504.2       | -40.7                   | 0.00                    | 0.00                   | 0.00                  |
| 7,700.0               | 6.00            | 283.00      | 7,672.6               | 118.7        | -514.4       | -41.5                   | 0.00                    | 0.00                   | 0.00                  |
| 7,800.0               | 6.00            | 283.00      | 7,772.1               | 121.1        | -524.5       | -42.3                   | 0.00                    | 0.00                   | 0.00                  |
| 7,900.0               | 6.00            | 283.00      | 7,871.5               | 123.5        | -534.7       | -43.2                   | 0.00                    | 0.00                   | 0.00                  |
| 8,000.0               | 6.00            | 283.00      | 7,971.0               | 125.8        | -544.9       | -44.0                   | 0.00                    | 0.00                   | 0.00                  |
| 8,100.0               | 6.00            | 283.00      | 8,070.4               | 128.2        | -555.1       | -44.8                   | 0.00                    | 0.00                   | 0.00                  |
| 8,200.0               | 6.00            | 283.00      | 8,169.9               | 130.5        | -565.3       | -45.6                   | 0.00                    | 0.00                   | 0.00                  |
| 8,300.0               | 6.00            | 283.00      | 8,269.3               | 132.9        | -575.5       | -46.4                   | 0.00                    | 0.00                   | 0.00                  |
| 8,400.0               | 6.00            | 283.00      | 8,368.8               | 135.2        | -585.6       | -47.3                   | 0.00                    | 0.00                   | 0.00                  |
| 8,500.0               | 6.00            | 283.00      | 8,468.2               | 137.6        | -595.8       | -48.1                   | 0.00                    | 0.00                   | 0.00                  |
| 8,600.0               | 6.00            | 283.00      | 8,567.7               | 139.9        | -606.0       | -48.9                   | 0.00                    | 0.00                   | 0.00                  |
| 8,700.0               | 6.00            | 283.00      | 8,667.1               | 142.3        | -616.2       | -49.7                   | 0.00                    | 0.00                   | 0.00                  |
| 8,800.0               | 6.00            | 283.00      | 8,766.6               | 144.6        | -626.4       | -50.6                   | 0.00                    | 0.00                   | 0.00                  |
| 8,900.0               | 6.00            | 283.00      | 8,866.0               | 147.0        | -636.6       | -51.4                   | 0.00                    | 0.00                   | 0.00                  |
| 9,000.0               | 6.00            | 283.00      | 8,965.5               | 149.3        | -646.8       | -52.2                   | 0.00                    | 0.00                   | 0.00                  |
| 9,100.0               | 6.00            | 283.00      | 9,064.9               | 151.7        | -656.9       | -53.0                   | 0.00                    | 0.00                   | 0.00                  |
| 9,200.0               | 6.00            | 283.00      | 9,164.4               | 154.0        | -667.1       | -53.8                   | 0.00                    | 0.00                   | 0.00                  |
| 9,300.0               | 6.00            | 283.00      | 9,263.8               | 156.4        | -677.3       | -54.7                   | 0.00                    | 0.00                   | 0.00                  |
| 9,400.0               | 6.00            | 283.00      | 9,363.3               | 158.7        | -687.5       | -55.5                   | 0.00                    | 0.00                   | 0.00                  |
| 9,500.0               | 6.00            | 283.00      | 9,462.7               | 161.1        | -697.7       | -56.3                   | 0.00                    | 0.00                   | 0.00                  |
| 9,600.0               | 6.00            | 283.00      | 9,562.2               | 163.4        | -707.9       | -57.1                   | 0.00                    | 0.00                   | 0.00                  |

## Concho Resources LLC

## Survey Report

|                  |                                               |                                     |                                  |
|------------------|-----------------------------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>  | DELAWARE BASIN EAST                           | <b>Local Co-ordinate Reference:</b> | Well GREEN BERET FED COM #701H   |
| <b>Project:</b>  | BULLDOG PROSPECT (NM-E)                       | <b>TVD Reference:</b>               | KB=25' @ 3285.4usft (SCAN QUEST) |
| <b>Site:</b>     | GREEN BERET FEDERAL PROJECT<br>(BULLDOG 2535) | <b>MD Reference:</b>                | KB=25' @ 3285.4usft (SCAN QUEST) |
| <b>Well:</b>     | GREEN BERET FED COM #701H                     | <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                         | 6.00            | 283.00      | 9,661.7               | 165.8        | -718.1       | -58.0                   | 0.00                    | 0.00                   | 0.00                  |
| 9,800.0                         | 6.00            | 283.00      | 9,761.1               | 168.1        | -728.2       | -58.8                   | 0.00                    | 0.00                   | 0.00                  |
| 9,900.0                         | 6.00            | 283.00      | 9,860.6               | 170.5        | -738.4       | -59.6                   | 0.00                    | 0.00                   | 0.00                  |
| 10,000.0                        | 6.00            | 283.00      | 9,960.0               | 172.8        | -748.6       | -60.4                   | 0.00                    | 0.00                   | 0.00                  |
| 10,100.0                        | 6.00            | 283.00      | 10,059.5              | 175.2        | -758.8       | -61.2                   | 0.00                    | 0.00                   | 0.00                  |
| 10,200.0                        | 6.00            | 283.00      | 10,158.9              | 177.5        | -769.0       | -62.1                   | 0.00                    | 0.00                   | 0.00                  |
| 10,300.0                        | 6.00            | 283.00      | 10,258.4              | 179.9        | -779.2       | -62.9                   | 0.00                    | 0.00                   | 0.00                  |
| 10,400.0                        | 6.00            | 283.00      | 10,357.8              | 182.2        | -789.3       | -63.7                   | 0.00                    | 0.00                   | 0.00                  |
| 10,500.0                        | 6.00            | 283.00      | 10,457.3              | 184.6        | -799.5       | -64.5                   | 0.00                    | 0.00                   | 0.00                  |
| 10,513.3                        | 6.00            | 283.00      | 10,470.5              | 184.9        | -800.9       | -64.6                   | 0.00                    | 0.00                   | 0.00                  |
| Start DLS 12.00 TFO -77.88      |                 |             |                       |              |              |                         |                         |                        |                       |
| 10,600.0                        | 13.04           | 231.52      | 10,556.1              | 179.8        | -813.0       | -57.8                   | 12.00                   | 8.12                   | -59.38                |
| 10,700.0                        | 24.34           | 218.31      | 10,650.7              | 156.5        | -834.7       | -31.6                   | 12.00                   | 11.30                  | -13.20                |
| 10,800.0                        | 36.08           | 213.29      | 10,737.0              | 115.6        | -863.7       | 13.2                    | 12.00                   | 11.74                  | -5.02                 |
| 10,900.0                        | 47.94           | 210.51      | 10,811.1              | 58.8         | -898.9       | 74.6                    | 12.00                   | 11.86                  | -2.79                 |
| 11,000.0                        | 59.84           | 208.61      | 10,870.0              | -11.4        | -938.6       | 149.8                   | 12.00                   | 11.90                  | -1.90                 |
| 11,100.0                        | 71.77           | 207.13      | 10,910.9              | -91.9        | -981.1       | 235.7                   | 12.00                   | 11.92                  | -1.48                 |
| 11,200.0                        | 83.70           | 205.84      | 10,932.1              | -179.2       | -1,024.5     | 328.5                   | 12.00                   | 11.93                  | -1.29                 |
| 11,250.2                        | 89.69           | 205.22      | 10,935.0              | -224.4       | -1,046.1     | 376.4                   | 12.00                   | 11.94                  | -1.23                 |
| Start DLS 4.00 TFO -90.08       |                 |             |                       |              |              |                         |                         |                        |                       |
| 11,300.0                        | 89.69           | 203.23      | 10,935.2              | -269.8       | -1,066.6     | 424.3                   | 4.00                    | -0.01                  | -4.00                 |
| 11,400.0                        | 89.68           | 199.23      | 10,935.8              | -363.0       | -1,102.8     | 521.9                   | 4.00                    | 0.00                   | -4.00                 |
| 11,500.0                        | 89.68           | 195.23      | 10,936.4              | -458.5       | -1,132.4     | 620.7                   | 4.00                    | 0.00                   | -4.00                 |
| 11,600.0                        | 89.68           | 191.23      | 10,936.9              | -555.9       | -1,155.2     | 720.3                   | 4.00                    | 0.00                   | -4.00                 |
| 11,700.0                        | 89.68           | 187.23      | 10,937.5              | -654.5       | -1,171.3     | 820.3                   | 4.00                    | 0.00                   | -4.00                 |
| 11,800.0                        | 89.68           | 183.23      | 10,938.0              | -754.1       | -1,180.4     | 920.1                   | 4.00                    | 0.00                   | -4.00                 |
| 11,894.0                        | 89.69           | 179.47      | 10,938.5              | -848.0       | -1,182.6     | 1,013.3                 | 4.00                    | 0.00                   | -4.00                 |
| Start 6660.4 hold at 11894.0 MD |                 |             |                       |              |              |                         |                         |                        |                       |
| 11,900.0                        | 89.69           | 179.47      | 10,938.6              | -854.1       | -1,182.5     | 1,019.3                 | 0.00                    | 0.00                   | 0.00                  |
| 12,000.0                        | 89.69           | 179.47      | 10,939.1              | -954.1       | -1,181.6     | 1,118.0                 | 0.00                    | 0.00                   | 0.00                  |
| 12,100.0                        | 89.69           | 179.47      | 10,939.7              | -1,054.0     | -1,180.7     | 1,216.8                 | 0.00                    | 0.00                   | 0.00                  |
| 12,200.0                        | 89.69           | 179.47      | 10,940.2              | -1,154.0     | -1,179.7     | 1,315.6                 | 0.00                    | 0.00                   | 0.00                  |
| 12,300.0                        | 89.69           | 179.47      | 10,940.8              | -1,254.0     | -1,178.8     | 1,414.3                 | 0.00                    | 0.00                   | 0.00                  |
| 12,400.0                        | 89.69           | 179.47      | 10,941.3              | -1,354.0     | -1,177.9     | 1,513.1                 | 0.00                    | 0.00                   | 0.00                  |
| 12,500.0                        | 89.69           | 179.47      | 10,941.9              | -1,454.0     | -1,177.0     | 1,611.9                 | 0.00                    | 0.00                   | 0.00                  |
| 12,600.0                        | 89.69           | 179.47      | 10,942.4              | -1,554.0     | -1,176.0     | 1,710.6                 | 0.00                    | 0.00                   | 0.00                  |
| 12,700.0                        | 89.69           | 179.47      | 10,943.0              | -1,654.0     | -1,175.1     | 1,809.4                 | 0.00                    | 0.00                   | 0.00                  |
| 12,800.0                        | 89.69           | 179.47      | 10,943.5              | -1,754.0     | -1,174.2     | 1,908.1                 | 0.00                    | 0.00                   | 0.00                  |
| 12,900.0                        | 89.69           | 179.47      | 10,944.0              | -1,854.0     | -1,173.2     | 2,006.9                 | 0.00                    | 0.00                   | 0.00                  |
| 13,000.0                        | 89.69           | 179.47      | 10,944.6              | -1,954.0     | -1,172.3     | 2,105.7                 | 0.00                    | 0.00                   | 0.00                  |
| 13,100.0                        | 89.69           | 179.47      | 10,945.1              | -2,054.0     | -1,171.4     | 2,204.4                 | 0.00                    | 0.00                   | 0.00                  |
| 13,200.0                        | 89.69           | 179.47      | 10,945.7              | -2,154.0     | -1,170.5     | 2,303.2                 | 0.00                    | 0.00                   | 0.00                  |
| 13,300.0                        | 89.69           | 179.47      | 10,946.2              | -2,254.0     | -1,169.5     | 2,401.9                 | 0.00                    | 0.00                   | 0.00                  |

## Concho Resources LLC

## Survey Report

|                  |                                               |                                     |                                  |
|------------------|-----------------------------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>  | DELAWARE BASIN EAST                           | <b>Local Co-ordinate Reference:</b> | Well GREEN BERET FED COM #701H   |
| <b>Project:</b>  | BULLDOG PROSPECT (NM-E)                       | <b>TVD Reference:</b>               | KB=25' @ 3285.4usft (SCAN QUEST) |
| <b>Site:</b>     | GREEN BERET FEDERAL PROJECT<br>(BULLDOG 2535) | <b>MD Reference:</b>                | KB=25' @ 3285.4usft (SCAN QUEST) |
| <b>Well:</b>     | GREEN BERET FED COM #701H                     | <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) |
| 13,400.0              | 89.69           | 179.47      | 10,946.8              | -2,354.0     | -1,168.6     | 2,500.7                 | 0.00                    | 0.00                   | 0.00                  |
| 13,500.0              | 89.69           | 179.47      | 10,947.3              | -2,454.0     | -1,167.7     | 2,599.5                 | 0.00                    | 0.00                   | 0.00                  |
| 13,600.0              | 89.69           | 179.47      | 10,947.9              | -2,554.0     | -1,166.7     | 2,698.2                 | 0.00                    | 0.00                   | 0.00                  |
| 13,700.0              | 89.69           | 179.47      | 10,948.4              | -2,654.0     | -1,165.8     | 2,797.0                 | 0.00                    | 0.00                   | 0.00                  |
| 13,800.0              | 89.69           | 179.47      | 10,949.0              | -2,754.0     | -1,164.9     | 2,895.7                 | 0.00                    | 0.00                   | 0.00                  |
| 13,900.0              | 89.69           | 179.47      | 10,949.5              | -2,853.9     | -1,163.9     | 2,994.5                 | 0.00                    | 0.00                   | 0.00                  |
| 14,000.0              | 89.69           | 179.47      | 10,950.1              | -2,953.9     | -1,163.0     | 3,093.3                 | 0.00                    | 0.00                   | 0.00                  |
| 14,100.0              | 89.69           | 179.47      | 10,950.6              | -3,053.9     | -1,162.1     | 3,192.0                 | 0.00                    | 0.00                   | 0.00                  |
| 14,200.0              | 89.69           | 179.47      | 10,951.2              | -3,153.9     | -1,161.2     | 3,290.8                 | 0.00                    | 0.00                   | 0.00                  |
| 14,300.0              | 89.69           | 179.47      | 10,951.7              | -3,253.9     | -1,160.2     | 3,389.6                 | 0.00                    | 0.00                   | 0.00                  |
| 14,400.0              | 89.69           | 179.47      | 10,952.3              | -3,353.9     | -1,159.3     | 3,488.3                 | 0.00                    | 0.00                   | 0.00                  |
| 14,500.0              | 89.69           | 179.47      | 10,952.8              | -3,453.9     | -1,158.4     | 3,587.1                 | 0.00                    | 0.00                   | 0.00                  |
| 14,600.0              | 89.69           | 179.47      | 10,953.4              | -3,553.9     | -1,157.4     | 3,685.8                 | 0.00                    | 0.00                   | 0.00                  |
| 14,700.0              | 89.69           | 179.47      | 10,953.9              | -3,653.9     | -1,156.5     | 3,784.6                 | 0.00                    | 0.00                   | 0.00                  |
| 14,800.0              | 89.69           | 179.47      | 10,954.4              | -3,753.9     | -1,155.6     | 3,883.4                 | 0.00                    | 0.00                   | 0.00                  |
| 14,900.0              | 89.69           | 179.47      | 10,955.0              | -3,853.9     | -1,154.7     | 3,982.1                 | 0.00                    | 0.00                   | 0.00                  |
| 15,000.0              | 89.69           | 179.47      | 10,955.5              | -3,953.9     | -1,153.7     | 4,080.9                 | 0.00                    | 0.00                   | 0.00                  |
| 15,100.0              | 89.69           | 179.47      | 10,956.1              | -4,053.9     | -1,152.8     | 4,179.6                 | 0.00                    | 0.00                   | 0.00                  |
| 15,200.0              | 89.69           | 179.47      | 10,956.6              | -4,153.9     | -1,151.9     | 4,278.4                 | 0.00                    | 0.00                   | 0.00                  |
| 15,300.0              | 89.69           | 179.47      | 10,957.2              | -4,253.9     | -1,150.9     | 4,377.2                 | 0.00                    | 0.00                   | 0.00                  |
| 15,400.0              | 89.69           | 179.47      | 10,957.7              | -4,353.9     | -1,150.0     | 4,475.9                 | 0.00                    | 0.00                   | 0.00                  |
| 15,500.0              | 89.69           | 179.47      | 10,958.3              | -4,453.9     | -1,149.1     | 4,574.7                 | 0.00                    | 0.00                   | 0.00                  |
| 15,600.0              | 89.69           | 179.47      | 10,958.8              | -4,553.8     | -1,148.2     | 4,673.5                 | 0.00                    | 0.00                   | 0.00                  |
| 15,700.0              | 89.69           | 179.47      | 10,959.4              | -4,653.8     | -1,147.2     | 4,772.2                 | 0.00                    | 0.00                   | 0.00                  |
| 15,800.0              | 89.69           | 179.47      | 10,959.9              | -4,753.8     | -1,146.3     | 4,871.0                 | 0.00                    | 0.00                   | 0.00                  |
| 15,900.0              | 89.69           | 179.47      | 10,960.5              | -4,853.8     | -1,145.4     | 4,969.7                 | 0.00                    | 0.00                   | 0.00                  |
| 16,000.0              | 89.69           | 179.47      | 10,961.0              | -4,953.8     | -1,144.4     | 5,068.5                 | 0.00                    | 0.00                   | 0.00                  |
| 16,100.0              | 89.69           | 179.47      | 10,961.6              | -5,053.8     | -1,143.5     | 5,167.3                 | 0.00                    | 0.00                   | 0.00                  |
| 16,200.0              | 89.69           | 179.47      | 10,962.1              | -5,153.8     | -1,142.6     | 5,266.0                 | 0.00                    | 0.00                   | 0.00                  |
| 16,300.0              | 89.69           | 179.47      | 10,962.7              | -5,253.8     | -1,141.6     | 5,364.8                 | 0.00                    | 0.00                   | 0.00                  |
| 16,400.0              | 89.69           | 179.47      | 10,963.2              | -5,353.8     | -1,140.7     | 5,463.5                 | 0.00                    | 0.00                   | 0.00                  |
| 16,500.0              | 89.69           | 179.47      | 10,963.8              | -5,453.8     | -1,139.8     | 5,562.3                 | 0.00                    | 0.00                   | 0.00                  |
| 16,600.0              | 89.69           | 179.47      | 10,964.3              | -5,553.8     | -1,138.9     | 5,661.1                 | 0.00                    | 0.00                   | 0.00                  |
| 16,700.0              | 89.69           | 179.47      | 10,964.8              | -5,653.8     | -1,137.9     | 5,759.8                 | 0.00                    | 0.00                   | 0.00                  |
| 16,800.0              | 89.69           | 179.47      | 10,965.4              | -5,753.8     | -1,137.0     | 5,858.6                 | 0.00                    | 0.00                   | 0.00                  |
| 16,900.0              | 89.69           | 179.47      | 10,965.9              | -5,853.8     | -1,136.1     | 5,957.3                 | 0.00                    | 0.00                   | 0.00                  |
| 17,000.0              | 89.69           | 179.47      | 10,966.5              | -5,953.8     | -1,135.1     | 6,056.1                 | 0.00                    | 0.00                   | 0.00                  |
| 17,100.0              | 89.69           | 179.47      | 10,967.0              | -6,053.8     | -1,134.2     | 6,154.9                 | 0.00                    | 0.00                   | 0.00                  |
| 17,200.0              | 89.69           | 179.47      | 10,967.6              | -6,153.8     | -1,133.3     | 6,253.6                 | 0.00                    | 0.00                   | 0.00                  |
| 17,300.0              | 89.69           | 179.47      | 10,968.1              | -6,253.7     | -1,132.4     | 6,352.4                 | 0.00                    | 0.00                   | 0.00                  |
| 17,400.0              | 89.69           | 179.47      | 10,968.7              | -6,353.7     | -1,131.4     | 6,451.2                 | 0.00                    | 0.00                   | 0.00                  |
| 17,500.0              | 89.69           | 179.47      | 10,969.2              | -6,453.7     | -1,130.5     | 6,549.9                 | 0.00                    | 0.00                   | 0.00                  |
| 17,600.0              | 89.69           | 179.47      | 10,969.8              | -6,553.7     | -1,129.6     | 6,648.7                 | 0.00                    | 0.00                   | 0.00                  |

## Concho Resources LLC

## Survey Report

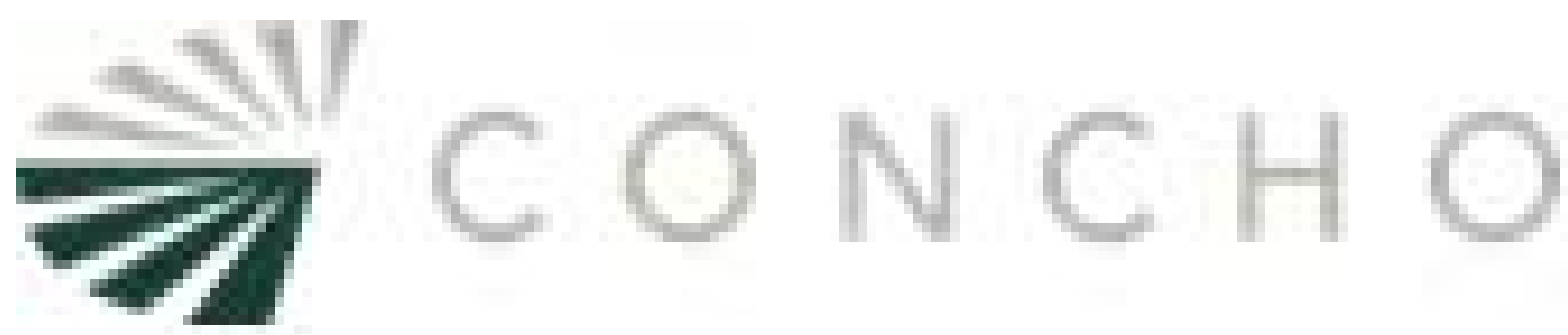
|                  |                                               |                                     |                                  |
|------------------|-----------------------------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>  | DELAWARE BASIN EAST                           | <b>Local Co-ordinate Reference:</b> | Well GREEN BERET FED COM #701H   |
| <b>Project:</b>  | BULLDOG PROSPECT (NM-E)                       | <b>TVD Reference:</b>               | KB=25' @ 3285.4usft (SCAN QUEST) |
| <b>Site:</b>     | GREEN BERET FEDERAL PROJECT<br>(BULLDOG 2535) | <b>MD Reference:</b>                | KB=25' @ 3285.4usft (SCAN QUEST) |
| <b>Well:</b>     | GREEN BERET FED COM #701H                     | <b>North Reference:</b>             | Grid                             |
| <b>Wellbore:</b> | OWB                                           | <b>Survey Calculation Method:</b>   | Minimum Curvature                |
| <b>Design:</b>   | PWP2                                          | <b>Database:</b>                    | edm                              |

| Planned Survey        |                 |             |                       |              |              |                         |                         |                        |                       |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 17,700.0              | 89.69           | 179.47      | 10,970.3              | -6,653.7     | -1,128.6     | 6,747.4                 | 0.00                    | 0.00                   | 0.00                  |
| 17,800.0              | 89.69           | 179.47      | 10,970.9              | -6,753.7     | -1,127.7     | 6,846.2                 | 0.00                    | 0.00                   | 0.00                  |
| 17,900.0              | 89.69           | 179.47      | 10,971.4              | -6,853.7     | -1,126.8     | 6,945.0                 | 0.00                    | 0.00                   | 0.00                  |
| 18,000.0              | 89.69           | 179.47      | 10,972.0              | -6,953.7     | -1,125.9     | 7,043.7                 | 0.00                    | 0.00                   | 0.00                  |
| 18,100.0              | 89.69           | 179.47      | 10,972.5              | -7,053.7     | -1,124.9     | 7,142.5                 | 0.00                    | 0.00                   | 0.00                  |
| 18,200.0              | 89.69           | 179.47      | 10,973.1              | -7,153.7     | -1,124.0     | 7,241.2                 | 0.00                    | 0.00                   | 0.00                  |
| 18,300.0              | 89.69           | 179.47      | 10,973.6              | -7,253.7     | -1,123.1     | 7,340.0                 | 0.00                    | 0.00                   | 0.00                  |
| 18,400.0              | 89.69           | 179.47      | 10,974.2              | -7,353.7     | -1,122.1     | 7,438.8                 | 0.00                    | 0.00                   | 0.00                  |
| 18,500.0              | 89.69           | 179.47      | 10,974.7              | -7,453.7     | -1,121.2     | 7,537.5                 | 0.00                    | 0.00                   | 0.00                  |
| 18,554.3              | 89.69           | 179.47      | 10,975.0              | -7,508.0     | -1,120.7     | 7,591.2                 | 0.00                    | 0.00                   | 0.00                  |
| TD at 18554.3         |                 |             |                       |              |              |                         |                         |                        |                       |

| Design Targets                                                                                                               |               |              |            |              |              |                 |                |                 |                   |
|------------------------------------------------------------------------------------------------------------------------------|---------------|--------------|------------|--------------|--------------|-----------------|----------------|-----------------|-------------------|
| Target Name                                                                                                                  | Dip Angle (°) | Dip Dir. (°) | TVD (usft) | +N/-S (usft) | +E/-W (usft) | Northing (usft) | Easting (usft) | Latitude        | Longitude         |
| FTP GREEN BERET<br>- hit/miss target<br>- Shape                                                                              | 0.00          | 0.00         | 10,935.0   | 263.2        | -1,192.5     | 409,659.40      | 792,987.80     | 32° 7' 21.839 N | 103° 23' 13.024 W |
| - plan misses target center by 374.7usft at 10946.1usft MD (10840.3 TVD, 27.9 N, -916.7 E)<br>- Circle (radius 50.0)         |               |              |            |              |              |                 |                |                 |                   |
| LTP GREEN BERET I<br>- plan misses target center by 4.3usft at 18500.0usft MD (10974.7 TVD, -7453.7 N, -1121.2 E)<br>- Point | 0.00          | 0.00         | 10,975.0   | -7,458.0     | -1,121.1     | 401,938.20      | 793,059.20     | 32° 6' 5.430 N  | 103° 23' 12.983 W |
| PBHL GREEN BERET<br>- plan hits target center<br>- Rectangle (sides W100.0 H7,770.6 D20.0)                                   | -0.31         | 359.47       | 10,975.0   | -7,508.0     | -1,120.7     | 401,888.20      | 793,059.60     | 32° 6' 4.935 N  | 103° 23' 12.983 W |

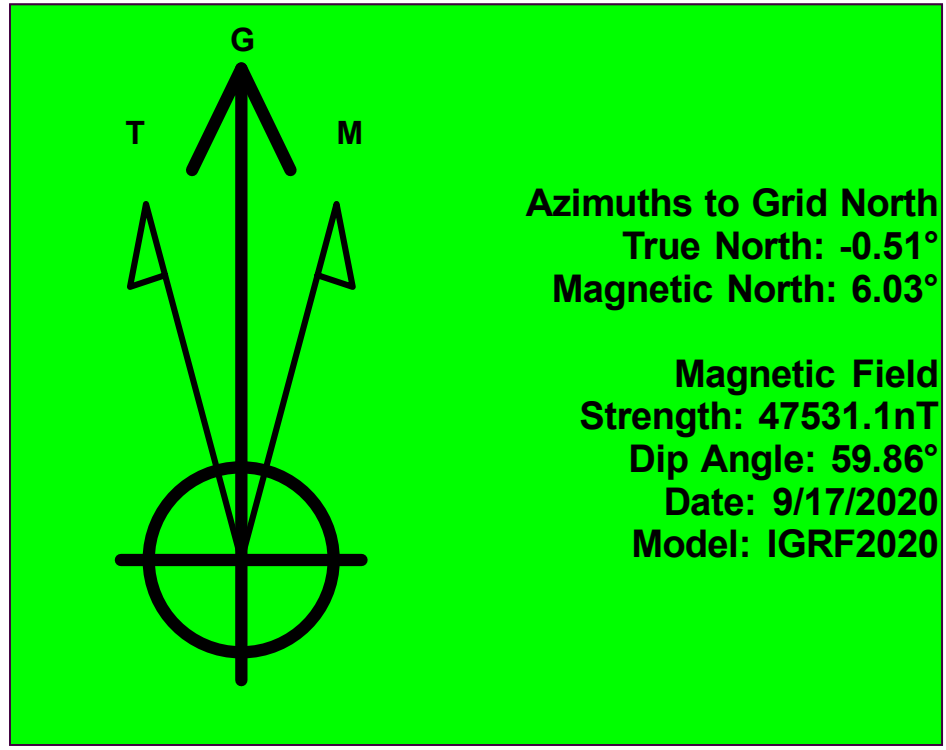
| Plan Annotations      |                       |              |              |                                 |
|-----------------------|-----------------------|--------------|--------------|---------------------------------|
| Measured Depth (usft) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Comment                         |
| 2500                  | 2500                  | 0            | 0            | Start Build 2.00                |
| 2800                  | 2799                  | 4            | -15          | Start 7713.3 hold at 2800.0 MD  |
| 10,513                | 10,471                | 185          | -801         | Start DLS 12.00 TFO -77.88      |
| 11,250                | 10,935                | -224         | -1046        | Start DLS 4.00 TFO -90.08       |
| 11,894                | 10,939                | -848         | -1183        | Start 6660.4 hold at 11894.0 MD |
| 18,554                | 10,975                | -7508        | -1121        | TD at 18554.3                   |

|                   |                    |             |
|-------------------|--------------------|-------------|
| Checked By: _____ | Approved By: _____ | Date: _____ |
|-------------------|--------------------|-------------|

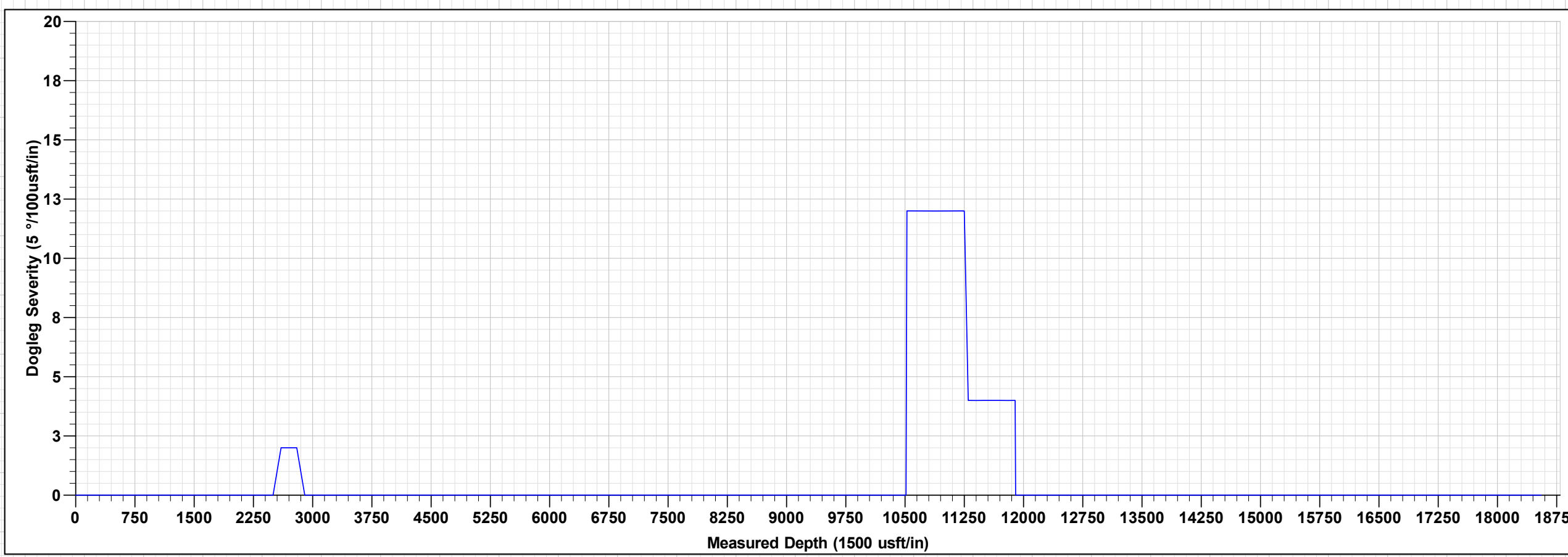
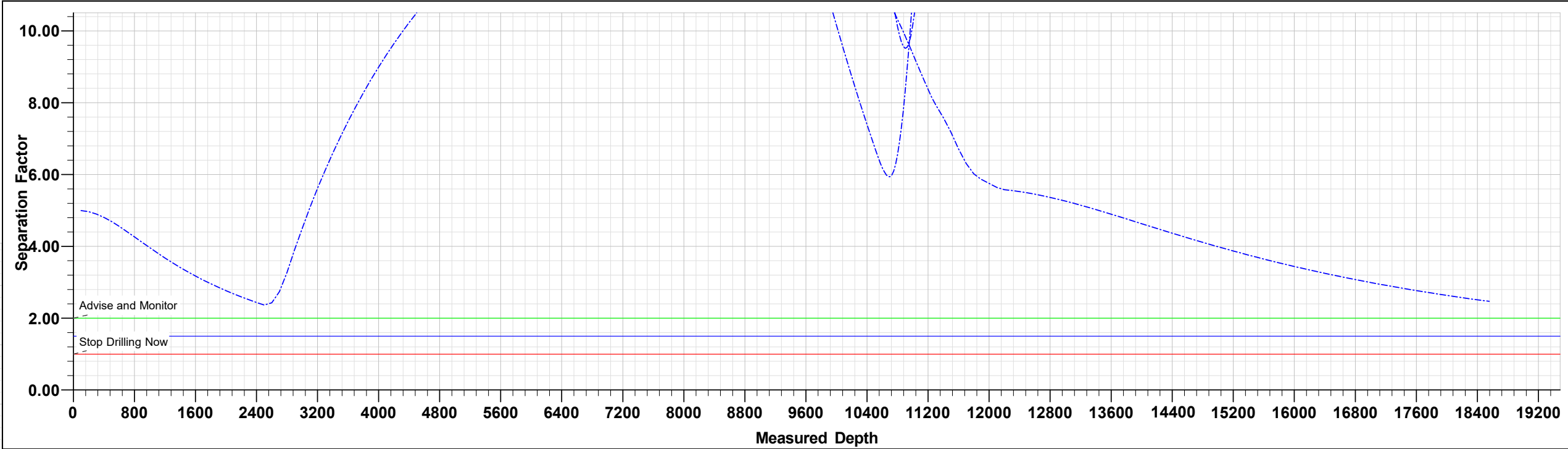


Project: BULLDOG PROSPECT (NM-E)  
Site: GREEN BERET FEDERAL PROJECT (BULLDOG 2535)  
Well: GREEN BERET FED COM #701H  
Wellbore: OWB  
Design: PWP2  
GL: 3255.4  
KB=25' @ 3285.4usft (SCAN QUEST)

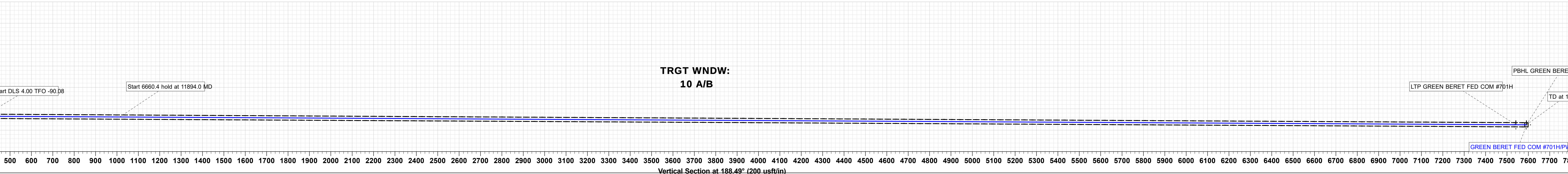
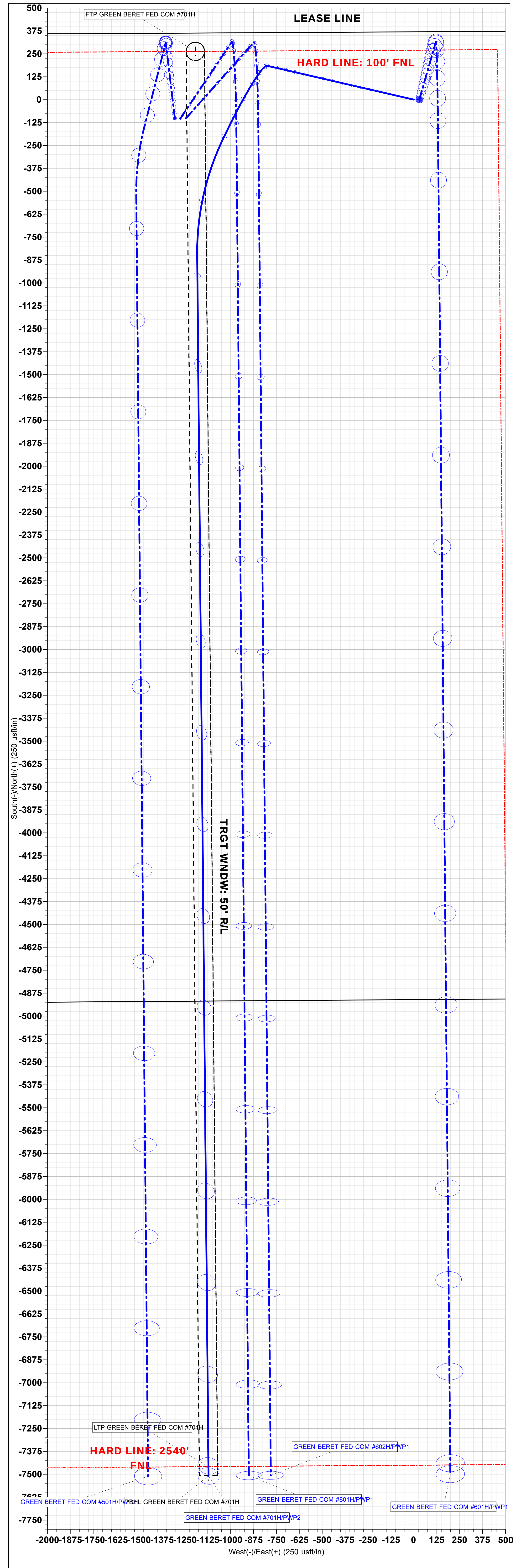
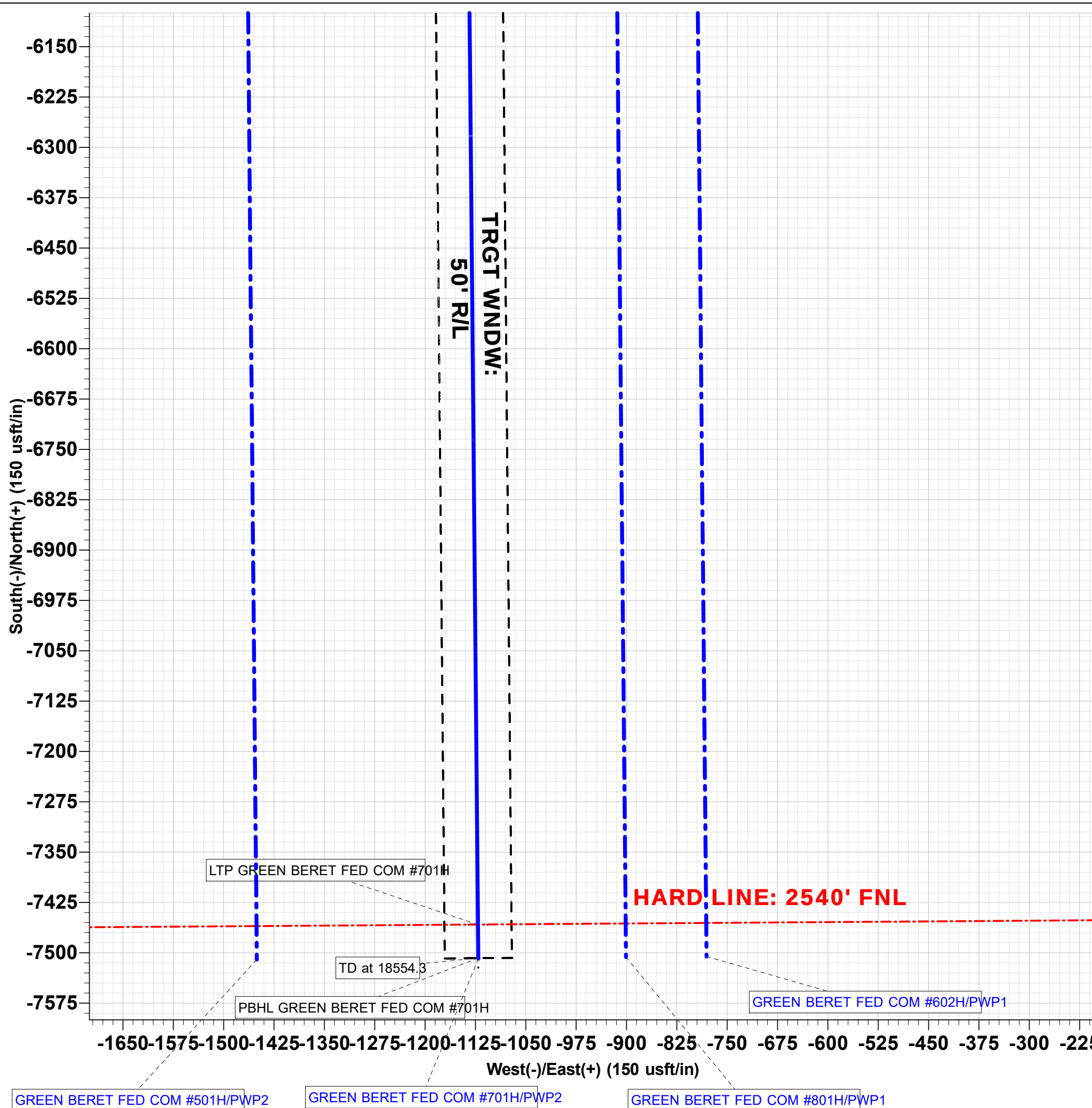
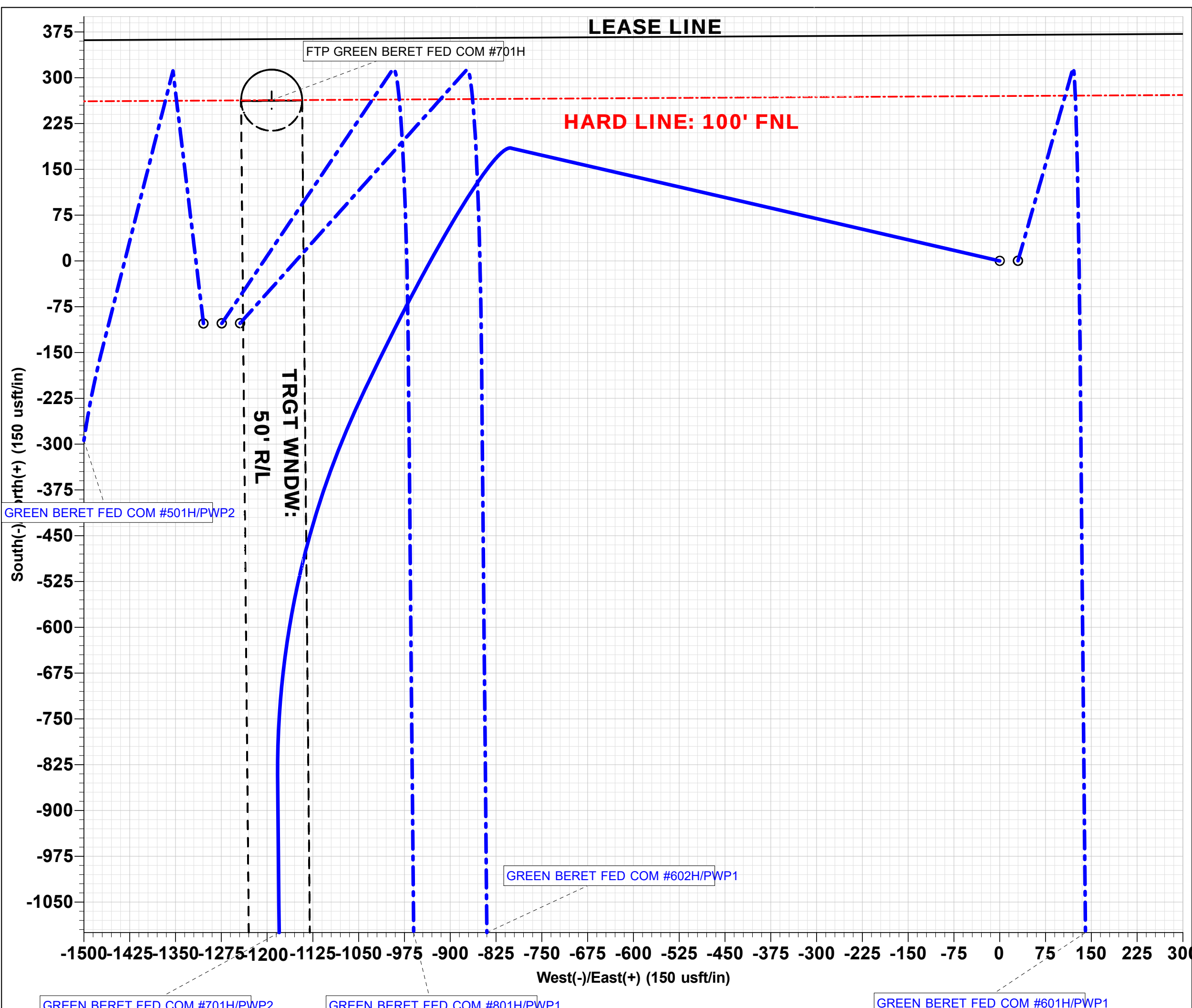
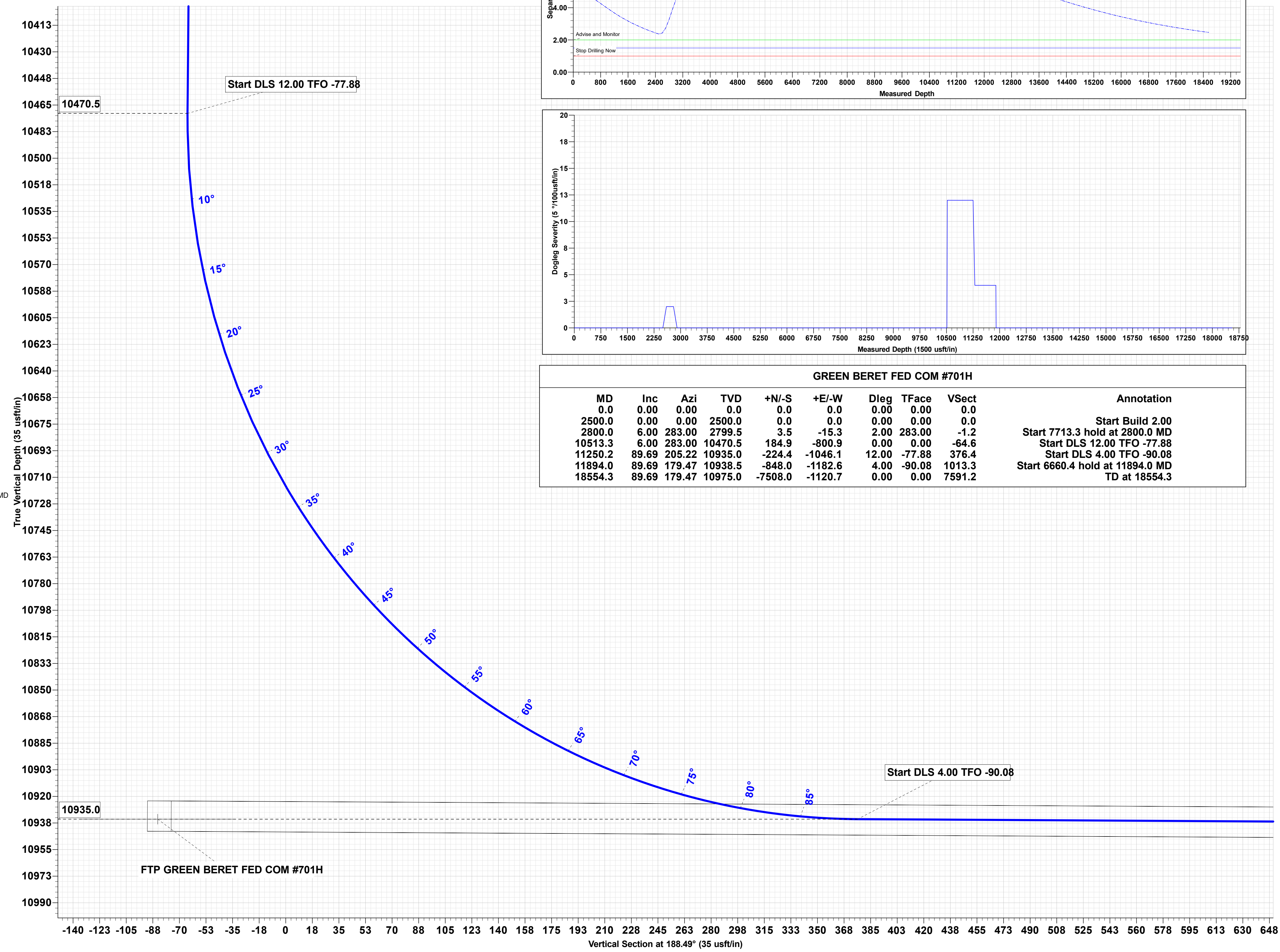
| WELL DETAILS: GREEN BERET FED COM #701H |       |           |           |                 |                   |
|-----------------------------------------|-------|-----------|-----------|-----------------|-------------------|
| +N/-S                                   | +E/-W | Northing  | Easting   | Latitude        | Longitude         |
| 0.0                                     | 0.0   | 409396.20 | 794180.30 | 32° 7' 19.130 N | 103° 22' 59.186 W |



| DESIGN TARGET DETAILS          |         |         |         |           |           |                 |
|--------------------------------|---------|---------|---------|-----------|-----------|-----------------|
| Name                           | TVD     | +N/-S   | +E/-W   | Northing  | Easting   | Latitude        |
| FTP GREEN BERET FED COM #701H  | 10935.0 | 263.2   | -1192.5 | 409659.40 | 792987.80 | 32° 7' 21.839 N |
| LTP GREEN BERET FED COM #701H  | 10975.0 | -7458.0 | -1121.1 | 401935.20 | 793059.20 | 32° 6' 5.430 N  |
| PBHL GREEN BERET FED COM #701H | 10975.0 | -7508.0 | -1120.7 | 401888.20 | 793059.60 | 32° 6' 4.935 N  |



| GREEN BERET FED COM #701H |       |        |         |         |         |       |        |        |                                 |
|---------------------------|-------|--------|---------|---------|---------|-------|--------|--------|---------------------------------|
| MD                        | Inc   | Azi    | TVD     | +N/-S   | +E/-W   | Dleg  | TFace  | VSect  | Annotation                      |
| 0.0                       | 0.00  | 0.00   | 0.0     | 0.0     | 0.0     | 0.00  | 0.00   | 0.0    |                                 |
| 2500.0                    | 0.00  | 0.00   | 2500.0  | 0.0     | 0.0     | 0.00  | 0.00   | 0.0    | Start Build 2.00                |
| 2800.0                    | 6.00  | 283.00 | 2799.5  | 3.5     | -15.3   | 2.00  | 283.00 | -1.2   | Start 7713.3 hold at 2800.0 MD  |
| 10513.3                   | 6.00  | 283.00 | 10470.5 | 184.9   | -800.9  | 0.00  | 0.00   | -64.6  | Start DLS 12.00 TFO -77.88      |
| 11250.2                   | 89.69 | 205.22 | 10935.0 | -224.4  | -1046.1 | 12.00 | -77.88 | 376.4  | Start DLS 4.00 TFO -90.08       |
| 11894.0                   | 89.69 | 179.47 | 10935.5 | -848.0  | -1182.6 | 4.00  | -90.08 | 1013.3 | Start 6660.4 hold at 11894.0 MD |
| 18554.3                   | 89.69 | 179.47 | 10975.0 | -7508.0 | -1120.7 | 0.00  | 0.00   | 7591.2 | TD at 18554.3                   |



**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 20222

COMMENTS

|                                                                              |                     |  |                  |                         |                        |
|------------------------------------------------------------------------------|---------------------|--|------------------|-------------------------|------------------------|
| Operator:<br>COG OPERATING LLC      600 W Illinois Ave      Midland, TX79701 |                     |  | OGRID:<br>229137 | Action Number:<br>20222 | Action Type:<br>C-103A |
| Created By                                                                   | Comment             |  |                  | Comment Date            |                        |
| jagarcia                                                                     | Accepted for Record |  |                  | 03/10/2021              |                        |

**District I**

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

CONDITIONS

Action 20222

**CONDITIONS OF APPROVAL**

|           |                   |                    |                  |        |        |                |       |              |        |
|-----------|-------------------|--------------------|------------------|--------|--------|----------------|-------|--------------|--------|
| Operator: | COG OPERATING LLC | 600 W Illinois Ave | Midland, TX79701 | OGRID: | 229137 | Action Number: | 20222 | Action Type: | C-103A |
|-----------|-------------------|--------------------|------------------|--------|--------|----------------|-------|--------------|--------|

|              |           |
|--------------|-----------|
| OCD Reviewer | Condition |
| jagarcia     | None      |