

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTHOBBS - OCD
RECVD 11/9/20FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well ☒ Oil Well ☐ Gas Well ☐ Other		5. Lease Serial No. NMNM132951
2. Name of Operator COG OPERATING LLC		6. If Indian, Allottee or Tribe Name
Contact: STAN WAGNER E-Mail: swagner@concho.com		7. If Unit or CA/Agreement, Name and/or No.
3a. Address ONE CONCHO CENTER 600 W ILLINOIS AVENUE MIDLAND, TX 79701-4287	3b. Phone No. (include area code) Ph: 432.253.9685	8. Well Name and No. GREEN BERET FEDERAL COM 801H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 20 T25S R35E NWNE 465FNL 2065FEL 32.121857 N Lat, 103.387688 W Lon		9. API Well No. 30-025-47823-00-X1
		10. Field and Pool or Exploratory Area DOGIE DRAW-WOLFCAMP
		11. County or Parish, State LEA COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	Change to Original A
	☐ Convert to Injection	☐ Plug Back	☐ 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 a change in BHL as attached.

Change BHL to: 2590' FNL & 1485' FEL SWNE 29-25S-35E

14. I hereby certify that the foregoing is true and correct. Electronic Submission #536166 verified by the BLM Well Information System For COG OPERATING LLC, sent to the Hobbs Committed to AFMSS for processing by PRISCILLA PEREZ on 11/03/2020 (21PP0408SE)	
Name (Printed/Typed) STAN WAGNER	Title REGULATORY ADVISOR
Signature (Electronic Submission)	Date 11/02/2020

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By JENNIFER SANCHEZ	Title PETROLEUM ENGINEER	Date 11/04/2020
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office Hobbs

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

(Instructions on page 2)

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

Revisions to Operator-Submitted EC Data for Sundry Notice #536166

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type:	APDCH NOI	APDCH NOI
Lease:	NMNM132951	NMNM132951
Agreement:		
Operator:	COG OPERATING LLC ATTN: STAN WAGNER 600 WEST ILLINOIS AVE. MIDLAND, TX 79701 Ph: 432-253-9685	COG OPERATING LLC ONE CONCHO CENTER 600 W ILLINOIS AVENUE MIDLAND, TX 79701-4287 Ph: 432.685.4342
Admin Contact:	STAN WAGNER REGULATORY ADVISOR E-Mail: swagner@concho.com Ph: 432-253-9685	STAN WAGNER REGULATORY ADVISOR E-Mail: swagner@concho.com Ph: 432.253.9685
Tech Contact:	STAN WAGNER REGULATORY ADVISOR E-Mail: swagner@concho.com Ph: 432-253-9685	STAN WAGNER REGULATORY ADVISOR E-Mail: swagner@concho.com Ph: 432.253.9685
Location:		
State:	NM	NM
County:	LEA	LEA
Field/Pool:	DOGIE DRAW; WOLFCAMP	DOGIE DRAW-WOLFCAMP
Well/Facility:	GREEN BERET FEDERAL COM 801H Sec 20 T25S R35E Mer NMP NWNE 465FNL 2065FEL	GREEN BERET FEDERAL COM 801H Sec 20 T25S R35E NWNE 465FNL 2065FEL 32.121857 N Lat, 103.387688 W Lon

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

DISTRICT II
811 S. FIRST ST., ARTESIA, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-0720

DISTRICT III
1000 RIO BRAZOS RD., AZTEC, NM 87410
Phone: (505) 334-8178 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 30-025-47823	Pool Code 17980	Pool Name Dogie Draw; Wolfcamp
Property Code 329742	Property Name GREEN BERET FEDERAL COM	Well Number 801H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3281.5'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	20	25-S	35-E		465	NORTH	2065	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	1485	EAST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
480			

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

NAD 83 NME <u>SURFACE LOCATION</u> Y=409352.1 N X=834093.0 E LAT.=32.121856° N LONG.=103.387690° W <table border="1"> <thead> <tr> <th colspan="2">POINT LEGEND</th> </tr> </thead> <tbody> <tr><td>1</td><td>Y=409813.8 N X=833511.7 E</td></tr> <tr><td>2</td><td>Y=404531.4 N X=833559.7 E</td></tr> <tr><td>3</td><td>Y=401910.4 N X=836227.2 E</td></tr> <tr><td>4</td><td>Y=404549.9 N X=836202.0 E</td></tr> <tr><td>5</td><td>Y=407189.2 N X=836178.2 E</td></tr> <tr><td>6</td><td>Y=409828.9 N X=836153.7 E</td></tr> </tbody> </table> NAD 83 NME <u>PROPOSED BOTTOM HOLE LOCATION</u> Y=401949.6 N X=834741.7 E LAT.=32.101494° N LONG.=103.385805° W	POINT LEGEND		1	Y=409813.8 N X=833511.7 E	2	Y=404531.4 N X=833559.7 E	3	Y=401910.4 N X=836227.2 E	4	Y=404549.9 N X=836202.0 E	5	Y=407189.2 N X=836178.2 E	6	Y=409828.9 N X=836153.7 E	100' FNL & 1485' FEL Y=409720.4 N X=834669.6 E LAT.=32.122855° N LONG.=103.385818° W GRID AZ. TO FTP 57°25'53" LEASE X-ING LAT.=32.119497° N LONG.=103.385816° W LEASE X-ING LAT.=32.115869° N LONG.=103.385814° W LEASE X-ING LAT.=32.108614° N LONG.=103.385809° W GRID AZ. TO FTP HORIZ. DIST. = 777.1' 2590' 1485' 2065' 465' SECTION 20 SECTION 29 2540' FNL & 1485' FEL Y=401999.6 N X=834741.3 E LAT.=32.101632° N LONG.=103.385805° W	OPERATOR CERTIFICATION I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>Stan Wagner</i> 11/2/2020 Signature Date Stan Wagner Printed Name E-mail Address SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. JANUARY 22, 2020 Date of Survey Signature & Seal of Professional Surveyor <i>Chad Harcrow</i> 10/26/20 Certificate No. CHAD HARCROW 17777 W.O. # 20-1384 DRAWN BY: WN
POINT LEGEND																
1	Y=409813.8 N X=833511.7 E															
2	Y=404531.4 N X=833559.7 E															
3	Y=401910.4 N X=836227.2 E															
4	Y=404549.9 N X=836202.0 E															
5	Y=407189.2 N X=836178.2 E															
6	Y=409828.9 N X=836153.7 E															

Intent ☒ As Drilled ☐

API # 30-025-47823		
Operator Name: COG Operating LLC	Property Name: Green Beret Federal Com	Well Number 801H

Kick Off Point (KOP)

UL B	Section 20	Township 25S	Range 35E	Lot	Feet	From N/S	Feet	From E/W	County Lea
Latitude					Longitude				NAD 83

First Take Point (FTP)

UL B	Section 20	Township 25S	Range 35E	Lot	Feet 100	From N/S North	Feet 1485	From E/W East	County Lea
Latitude 32.122855					Longitude -103.385818				NAD NAD 83

Last Take Point (LTP)

UL G	Section 29	Township 25S	Range 35E	Lot	Feet 2540	From N/S North	Feet 1485	From E/W East	County Lea
Latitude 32.101632					Longitude -103.385805				NAD NAD 83

Is this well the defining well for the Horizontal Spacing Unit? ☐ YesIs this well an infill well? ☐ No

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

API # 30-025-47823		
Operator Name: COG Operating LLC	Property Name: Green Beret Federal Com	Well Number 801H

KZ 06/29/2018

DELAWARE BASIN EAST
BULLDOG PROSPECT (NM-E)
GREEN BERET FEDERAL PROJECT (BULLDOG
2535)
GREEN BERET FED COM #801H

OWB
PWP2

Anticollision Report

28 October, 2020

Concho Resources LLC

Anticollision Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well GREEN BERET FED COM #801H
Project:	BULLDOG PROSPECT (NM-E)	TVD Reference:	KB=26' @ 3307.5usft (MCVAY 8)
Reference Site:	GREEN BERET FEDERAL PROJECT (BULLDOG 2535)	MD Reference:	KB=26' @ 3307.5usft (MCVAY 8)
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	GREEN BERET FED COM #801H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	edm
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

Reference	PWP2		
Filter type:	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
Interpolation Method:	Stations	Error Model:	ISCWSA
Depth Range:	Unlimited	Scan Method:	Closest Approach 3D
Results Limited by:	Maximum ellipse separation of 1,000.0 usft	Error Surface:	Pedal Curve
Warning Levels Evaluated at:	2.00 Sigma	Casing Method:	Not applied

Survey Tool Program		Date	10/28/2020		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
0.0	12,392.1	PWP2 (OWB)	Standard Keeper 104	Standard Wireline Keeper ver 1.0.4	
12,392.1	20,513.6	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	2,500.0	2,500.0	30.0	17.3	2.365	CC
GREEN BERET FED COM #501H - OWB - PWP2	2,600.0	2,599.8	30.3	17.2	2.316	ES, SF
GREEN BERET FED COM #602H - OWB - PWP1	2,500.0	2,498.7	30.0	23.1	4.350	CC, ES
GREEN BERET FED COM #602H - OWB - PWP1	9,800.0	9,788.3	66.9	44.7	3.017	SF
GREEN BERET FED COM #701H - OWB - PWP2	10,674.3	10,673.1	63.5	41.1	2.838	CC, ES
GREEN BERET FED COM #701H - OWB - PWP2	10,700.0	10,694.6	64.8	41.3	2.761	SF
GREEN BERET FED COM #702H - OWB - PWP1	2,416.4	2,417.3	60.0	53.2	8.770	CC
GREEN BERET FED COM #702H - OWB - PWP1	2,500.0	2,500.9	60.0	53.1	8.698	ES, SF

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
Reference Measured Depth (usft)	Vertical Depth (usft)	Offset Measured Depth (usft)	Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
0.0	0.0	0.0	0.0	3.0	3.0	-90.19	-0.1	-30.0	30.0					
100.0	100.0	100.0	100.0	3.0	3.0	-90.19	-0.1	-30.0	30.0	24.0	6.00	4.997		
200.0	200.0	200.0	200.0	3.0	3.0	-90.19	-0.1	-30.0	30.0	24.0	6.04	4.966		
300.0	300.0	300.0	300.0	3.0	3.1	-90.19	-0.1	-30.0	30.0	23.9	6.12	4.900		
400.0	400.0	400.0	400.0	3.0	3.2	-90.19	-0.1	-30.0	30.0	23.8	6.24	4.805		
500.0	500.0	500.0	500.0	3.1	3.4	-90.19	-0.1	-30.0	30.0	23.6	6.40	4.688		
600.0	600.0	600.0	600.0	3.1	3.6	-90.19	-0.1	-30.0	30.0	23.4	6.59	4.554		
700.0	700.0	700.0	700.0	3.1	3.8	-90.19	-0.1	-30.0	30.0	23.2	6.80	4.410		
800.0	800.0	800.0	800.0	3.2	4.0	-90.19	-0.1	-30.0	30.0	23.0	7.04	4.261		
900.0	900.0	900.0	900.0	3.2	4.2	-90.19	-0.1	-30.0	30.0	22.7	7.30	4.110		
1,000.0	1,000.0	1,000.0	1,000.0	3.2	4.5	-90.19	-0.1	-30.0	30.0	22.4	7.57	3.961		
1,100.0	1,100.0	1,100.0	1,100.0	3.3	4.8	-90.19	-0.1	-30.0	30.0	22.1	7.86	3.815		
1,200.0	1,200.0	1,200.0	1,200.0	3.4	5.1	-90.19	-0.1	-30.0	30.0	21.8	8.16	3.675		
1,300.0	1,300.0	1,300.0	1,300.0	3.4	5.4	-90.19	-0.1	-30.0	30.0	21.5	8.48	3.540		
1,400.0	1,400.0	1,400.0	1,400.0	3.5	5.7	-90.19	-0.1	-30.0	30.0	21.2	8.80	3.411		
1,500.0	1,500.0	1,500.0	1,500.0	3.5	6.0	-90.19	-0.1	-30.0	30.0	20.9	9.12	3.288		
1,600.0	1,600.0	1,600.0	1,600.0	3.6	6.3	-90.19	-0.1	-30.0	30.0	20.5	9.46	3.171		

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

Concho Resources LLC

Anticollision Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well GREEN BERET FED COM #801H
Project:	BULLDOG PROSPECT (NM-E)	TVD Reference:	KB=26' @ 3307.5usft (MCVAY 8)
Reference Site:	GREEN BERET FEDERAL PROJECT (BULLDOG 2535)	MD Reference:	KB=26' @ 3307.5usft (MCVAY 8)
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	GREEN BERET FED COM #801H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	edm
Reference Design:	PWP2	Offset TVD Reference:	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
1,700.0	1,700.0	1,700.0	1,700.0	3.7	6.6	-90.19	-90.19	-0.1	-30.0	30.0	20.2	9.80	3.061	
1,800.0	1,800.0	1,800.0	1,800.0	3.8	6.9	-90.19	-90.19	-0.1	-30.0	30.0	19.9	10.15	2.956	
1,900.0	1,900.0	1,900.0	1,900.0	3.9	7.2	-90.19	-90.19	-0.1	-30.0	30.0	19.5	10.50	2.857	
2,000.0	2,000.0	2,000.0	2,000.0	3.9	7.6	-90.19	-90.19	-0.1	-30.0	30.0	19.1	10.85	2.764	
2,100.0	2,100.0	2,100.0	2,100.0	4.0	7.9	-90.19	-90.19	-0.1	-30.0	30.0	18.8	11.21	2.675	
2,200.0	2,200.0	2,200.0	2,200.0	4.1	8.2	-90.19	-90.19	-0.1	-30.0	30.0	18.4	11.58	2.591	
2,300.0	2,300.0	2,300.0	2,300.0	4.2	8.6	-90.19	-90.19	-0.1	-30.0	30.0	18.1	11.94	2.512	
2,400.0	2,400.0	2,400.0	2,400.0	4.3	8.9	-90.19	-90.19	-0.1	-30.0	30.0	17.7	12.31	2.436	
2,500.0	2,500.0	2,500.0	2,500.0	4.4	9.2	-90.19	-90.19	-0.1	-30.0	30.0	17.3	12.69	2.365 CC	
2,600.0	2,600.0	2,599.8	2,599.8	4.5	9.6	-86.92	-86.92	1.6	-30.2	30.3	17.2	13.06	2.316 ES, SF	
2,700.0	2,700.0	2,699.4	2,699.3	4.6	9.9	-77.58	-77.58	6.8	-30.8	31.6	18.1	13.49	2.341	
2,800.0	2,800.0	2,799.2	2,798.8	4.7	10.3	-66.61	-66.61	13.7	-31.7	34.5	20.5	14.01	2.465	
2,900.0	2,900.0	2,898.9	2,898.3	4.8	10.6	-57.63	-57.63	20.6	-32.5	38.5	24.0	14.56	2.646	
3,000.0	3,000.0	2,998.7	2,997.8	4.9	10.9	-50.47	-50.47	27.5	-33.3	43.3	28.2	15.12	2.863	
3,100.0	3,100.0	3,098.5	3,097.3	5.0	11.3	-44.79	-44.79	34.4	-34.2	48.6	32.9	15.66	3.102	
3,200.0	3,200.0	3,198.2	3,196.8	5.1	11.6	-40.26	-40.26	41.3	-35.0	54.3	38.1	16.19	3.352	
3,300.0	3,300.0	3,298.0	3,296.4	5.2	12.0	-36.61	-36.61	48.2	-35.8	60.2	43.5	16.70	3.605	
3,400.0	3,400.0	3,397.7	3,395.9	5.3	12.3	-33.63	-33.63	55.1	-36.7	66.4	49.2	17.21	3.856	
3,500.0	3,500.0	3,497.5	3,495.4	5.4	12.7	-31.15	-31.15	62.1	-37.5	72.7	55.0	17.71	4.104	
3,600.0	3,600.0	3,597.2	3,594.9	5.5	13.0	-29.08	-29.08	69.0	-38.3	79.1	60.9	18.20	4.345	
3,700.0	3,700.0	3,697.0	3,694.4	5.7	13.4	-27.31	-27.31	75.9	-39.2	85.6	66.9	18.68	4.580	
3,800.0	3,800.0	3,796.8	3,793.9	5.8	13.7	-25.80	-25.80	82.8	-40.0	92.1	73.0	19.17	4.807	
3,900.0	3,900.0	3,896.5	3,893.4	5.9	14.1	-24.49	-24.49	89.7	-40.9	98.8	79.1	19.65	5.026	
4,000.0	4,000.0	3,996.3	3,992.9	6.0	14.4	-23.34	-23.34	96.6	-41.7	105.4	85.3	20.13	5.238	
4,100.0	4,100.0	4,096.0	4,092.5	6.1	14.8	-22.33	-22.33	103.5	-42.5	112.2	91.5	20.61	5.441	
4,200.0	4,200.0	4,195.8	4,192.0	6.2	15.1	-21.44	-21.44	110.4	-43.4	118.9	97.8	21.09	5.637	
4,300.0	4,300.0	4,295.5	4,291.5	6.3	15.5	-20.64	-20.64	117.3	-44.2	125.7	104.1	21.57	5.826	
4,400.0	4,400.0	4,395.3	4,391.0	6.5	15.8	-19.92	-19.92	124.2	-45.0	132.4	110.4	22.05	6.007	
4,500.0	4,500.0	4,495.0	4,490.5	6.6	16.2	-19.28	-19.28	131.1	-45.9	139.3	116.7	22.53	6.182	
4,600.0	4,600.0	4,594.8	4,590.0	6.7	16.5	-18.69	-18.69	138.0	-46.7	146.1	123.1	23.00	6.350	
4,700.0	4,700.0	4,694.6	4,689.5	6.8	16.9	-18.15	-18.15	145.0	-47.5	152.9	129.4	23.48	6.512	
4,800.0	4,800.0	4,794.3	4,789.1	6.9	17.2	-17.67	-17.67	151.9	-48.4	159.8	135.8	23.96	6.668	
4,900.0	4,900.0	4,894.1	4,888.6	7.0	17.6	-17.22	-17.22	158.8	-49.2	166.6	142.2	24.44	6.818	
5,000.0	5,000.0	4,993.8	4,988.1	7.2	17.9	-16.80	-16.80	165.7	-50.0	173.5	148.6	24.92	6.962	
5,100.0	5,100.0	5,093.6	5,087.6	7.3	18.3	-16.42	-16.42	172.6	-50.9	180.4	155.0	25.40	7.102	
5,200.0	5,200.0	5,193.3	5,187.1	7.4	18.6	-16.07	-16.07	179.5	-51.7	187.2	161.4	25.88	7.236	
5,300.0	5,300.0	5,293.1	5,286.6	7.5	19.0	-15.74	-15.74	186.4	-52.5	194.1	167.8	26.35	7.366	
5,400.0	5,400.0	5,392.9	5,386.1	7.6	19.4	-15.44	-15.44	193.3	-53.4	201.0	174.2	26.83	7.491	
5,500.0	5,500.0	5,492.6	5,485.6	7.8	19.7	-15.15	-15.15	200.2	-54.2	207.9	180.6	27.31	7.612	
5,600.0	5,600.0	5,592.4	5,585.2	7.9	20.1	-67.38	-67.38	207.1	-55.0	214.2	186.4	27.76	7.715	
5,700.0	5,699.8	5,692.2	5,684.8	8.0	20.4	-68.29	-68.29	214.0	-55.9	219.1	190.9	28.16	7.780	
5,788.5	5,788.1	5,780.5	5,772.8	8.0	20.7	-69.77	-69.77	220.2	-56.6	222.5	194.0	28.49	7.809	
5,800.0	5,799.5	5,791.9	5,784.2	8.0	20.8	-70.01	-70.01	220.9	-56.7	222.9	194.3	28.53	7.812	
5,900.0	5,898.9	5,891.5	5,883.6	8.1	21.1	-72.06	-72.06	227.8	-57.5	226.4	197.6	28.89	7.839	
6,000.0	5,998.4	5,991.1	5,982.9	8.2	21.5	-74.04	-74.04	234.7	-58.4	230.3	201.1	29.23	7.878	
6,100.0	6,097.9	6,090.7	6,082.3	8.3	21.8	-75.96	-75.96	241.6	-59.2	234.4	204.8	29.57	7.927	
6,200.0	6,197.4	6,190.3	6,181.7	8.4	22.2	-77.80	-77.80	248.5	-60.1	238.8	208.9	29.91	7.984	
6,300.0	6,296.9	6,290.0	6,281.0	8.5	22.6	-79.58	-79.58	255.4	-60.9	243.4	213.2	30.24	8.049	
6,400.0	6,396.4	6,389.6	6,380.4	8.6	22.9	-81.30	-81.30	262.3	-61.7	248.2	217.7	30.57	8.121	
6,500.0	6,495.9	6,489.2	6,479.8	8.7	23.3	-82.94	-82.94	269.2	-62.6	253.3	222.4	30.89	8.199	
6,600.0	6,595.4	6,588.8	6,579.2	8.8	23.6	-84.52	-84.52	276.1	-63.4	258.6	227.3	31.22	8.282	

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

Concho Resources LLC

Anticollision Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well GREEN BERET FED COM #801H
Project:	BULLDOG PROSPECT (NM-E)	TVD Reference:	KB=26' @ 3307.5usft (MCVAY 8)
Reference Site:	GREEN BERET FEDERAL PROJECT (BULLDOG 2535)	MD Reference:	KB=26' @ 3307.5usft (MCVAY 8)
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	GREEN BERET FED COM #801H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	edm
Reference Design:	PWP2	Offset TVD Reference:	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
6,700.0	6,694.9	6,688.4	6,678.5	8.9	24.0	-86.04		283.0	-64.2	264.0	232.5	31.54	8.369	
6,800.0	6,794.4	6,788.0	6,777.9	9.0	24.3	-87.50		289.9	-65.1	269.6	237.8	31.87	8.460	
6,900.0	6,893.9	6,887.6	6,877.3	9.1	24.7	-88.89		296.8	-65.9	275.4	243.2	32.19	8.555	
7,000.0	6,993.4	6,987.2	6,976.6	9.2	25.1	-90.23		303.7	-66.7	281.4	248.8	32.52	8.652	
7,100.0	7,092.9	7,086.8	7,076.0	9.3	25.4	-91.51		310.6	-67.6	287.5	254.6	32.85	8.751	
7,200.0	7,192.4	7,186.5	7,175.4	9.4	25.8	-92.74		317.5	-68.4	293.7	260.5	33.18	8.851	
7,300.0	7,291.9	7,286.1	7,274.7	9.5	26.1	-93.91		324.4	-69.2	300.1	266.5	33.52	8.953	
7,400.0	7,391.3	7,385.7	7,374.1	9.6	26.5	-95.04		331.3	-70.1	306.5	272.7	33.85	9.055	
7,500.0	7,490.8	7,485.3	7,473.5	9.7	26.8	-96.12		338.2	-70.9	313.1	278.9	34.19	9.158	
7,600.0	7,590.3	7,584.9	7,572.8	9.8	27.2	-97.16		345.1	-71.7	319.8	285.3	34.54	9.261	
7,700.0	7,689.8	7,684.5	7,672.2	9.9	27.6	-98.15		352.0	-72.6	326.6	291.8	34.88	9.364	
7,800.0	7,789.3	7,784.1	7,771.6	10.0	27.9	-99.10		358.9	-73.4	333.5	298.3	35.23	9.466	
7,900.0	7,888.8	7,883.7	7,870.9	10.1	28.3	-100.01		365.8	-74.2	340.5	304.9	35.59	9.568	
8,000.0	7,988.3	7,983.3	7,970.3	10.2	28.6	-100.89		372.7	-75.1	347.6	311.6	35.95	9.669	
8,100.0	8,087.8	8,083.0	8,069.7	10.3	29.0	-101.73		379.6	-75.9	354.7	318.4	36.31	9.770	
8,200.0	8,187.3	8,182.6	8,169.1	10.4	29.3	-102.54		386.5	-76.7	361.9	325.3	36.68	9.869	
8,300.0	8,286.8	8,282.2	8,268.4	10.5	29.7	-103.32		393.4	-77.6	369.2	332.2	37.05	9.967	
8,400.0	8,386.3	8,381.8	8,367.8	10.6	30.1	-104.06		400.3	-78.4	376.6	339.2	37.42	10.064	
8,500.0	8,485.8	8,482.2	8,467.9	10.8	30.4	-104.79		407.2	-79.2	384.0	346.2	37.80	10.159	
8,600.0	8,585.3	8,592.0	8,577.7	10.9	30.8	-105.81		412.4	-79.9	390.0	351.8	38.18	10.214	
8,700.0	8,684.8	8,699.1	8,684.8	11.0	31.2	-107.19		413.6	-80.0	393.5	355.0	38.53	10.214	
8,800.0	8,784.3	8,798.6	8,784.3	11.1	31.5	-108.57		413.6	-80.0	396.6	357.8	38.88	10.202	
8,900.0	8,883.7	8,898.1	8,883.7	11.2	31.9	-109.93		413.6	-80.0	400.0	360.7	39.24	10.194	
9,000.0	8,983.2	8,997.6	8,983.2	11.3	32.2	-111.27		413.6	-80.0	403.5	363.9	39.60	10.190	
9,100.0	9,082.7	9,097.1	9,082.7	11.4	32.6	-112.58		413.6	-80.0	407.3	367.3	39.97	10.189	
9,200.0	9,182.2	9,196.6	9,182.2	11.5	33.0	-113.87		413.6	-80.0	411.3	370.9	40.35	10.192	
9,300.0	9,281.7	9,296.1	9,281.7	11.7	33.3	-115.13		413.6	-80.0	415.5	374.7	40.74	10.197	
9,400.0	9,381.2	9,395.6	9,381.2	11.8	33.7	-116.37		413.6	-80.0	419.9	378.7	41.14	10.205	
9,500.0	9,480.7	9,495.1	9,480.7	11.9	34.0	-117.58		413.6	-80.0	424.4	382.9	41.55	10.215	
9,600.0	9,580.2	9,594.6	9,580.2	12.0	34.4	-118.77		413.6	-80.0	429.2	387.2	41.97	10.227	
9,700.0	9,679.7	9,694.1	9,679.7	12.1	34.7	-119.93		413.6	-80.0	434.2	391.8	42.39	10.242	
9,800.0	9,779.2	9,793.6	9,779.2	12.2	35.1	-121.06		413.6	-80.0	439.3	396.5	42.82	10.258	
9,900.0	9,878.7	9,893.1	9,878.7	12.4	35.4	-122.17		413.6	-80.0	444.6	401.3	43.26	10.276	
10,000.0	9,978.2	9,992.6	9,978.2	12.5	35.8	-123.25		413.6	-80.0	450.0	406.3	43.71	10.296	
10,100.0	10,077.7	10,092.1	10,077.7	12.6	36.1	-124.30		413.6	-80.0	455.6	411.5	44.16	10.318	
10,200.0	10,177.2	10,191.5	10,177.2	12.7	36.5	-125.33		413.6	-80.0	461.4	416.8	44.62	10.340	
10,300.0	10,276.6	10,291.0	10,276.6	12.8	36.8	-126.33		413.6	-80.0	467.3	422.2	45.08	10.365	
10,400.0	10,376.1	10,390.5	10,376.1	12.9	37.2	-127.31		413.6	-80.0	473.3	427.8	45.56	10.390	
10,500.0	10,475.6	10,490.0	10,475.6	13.1	37.6	-128.26		413.6	-80.0	479.5	433.5	46.03	10.417	
10,600.0	10,575.1	10,589.5	10,575.1	13.2	37.9	-130.17		405.2	-82.1	486.1	439.6	46.51	10.452	
10,700.0	10,674.6	10,672.6	10,654.1	13.3	38.1	-133.70		381.9	-88.0	495.1	448.0	47.09	10.513	
10,800.0	10,774.1	10,746.3	10,720.4	13.4	38.3	-137.89		350.9	-95.9	509.4	461.6	47.82	10.653	
10,900.0	10,873.6	10,807.0	10,770.9	13.5	38.4	-141.98		318.2	-104.2	531.8	483.1	48.64	10.932	
11,000.0	10,973.1	10,856.5	10,808.5	13.7	38.5	-145.64		287.1	-112.1	563.8	514.4	49.45	11.401	
11,100.0	11,072.6	10,900.0	10,838.7	13.8	38.6	-149.00		256.8	-119.8	605.8	555.7	50.13	12.086	
11,200.0	11,172.1	10,925.0	10,854.8	13.9	38.6	-150.96		238.2	-124.5	657.1	606.5	50.56	12.997	
11,300.0	11,271.6	10,956.9	10,873.7	14.0	38.7	-153.48		213.3	-130.9	716.3	665.5	50.86	14.086	
11,400.0	11,371.1	10,975.0	10,883.7	14.2	38.7	-154.91		198.7	-134.6	782.4	731.4	50.97	15.349	

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

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COMPASS 5000.15 Build 91E

Concho Resources LLC

Anticollision Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well GREEN BERET FED COM #801H
Project:	BULLDOG PROSPECT (NM-E)	TVD Reference:	KB=26' @ 3307.5usft (MCVAY 8)
Reference Site:	GREEN BERET FEDERAL PROJECT (BULLDOG 2535)	MD Reference:	KB=26' @ 3307.5usft (MCVAY 8)
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	GREEN BERET FED COM #801H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	edm
Reference Design:	PWP2	Offset TVD Reference:	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 (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Distance Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.0	0.0	0.0	0.0	3.0	3.0	89.62		0.2	30.0	30.0				
100.0	100.0	98.7	98.7	3.0	3.0	89.62		0.2	30.0	30.0	24.0	6.00	5.000	
200.0	200.0	198.7	198.7	3.0	3.0	89.62		0.2	30.0	30.0	24.0	6.00	4.998	
300.0	300.0	298.7	298.7	3.0	3.0	89.62		0.2	30.0	30.0	24.0	6.01	4.993	
400.0	400.0	398.7	398.7	3.0	3.0	89.62		0.2	30.0	30.0	24.0	6.02	4.985	
500.0	500.0	498.7	498.7	3.1	3.1	89.62		0.2	30.0	30.0	24.0	6.03	4.975	
600.0	600.0	598.7	598.7	3.1	3.1	89.62		0.2	30.0	30.0	24.0	6.05	4.962	
700.0	700.0	698.7	698.7	3.1	3.1	89.62		0.2	30.0	30.0	23.9	6.07	4.946	
800.0	800.0	798.7	798.7	3.2	3.2	89.62		0.2	30.0	30.0	23.9	6.09	4.928	
900.0	900.0	898.7	898.7	3.2	3.2	89.62		0.2	30.0	30.0	23.9	6.11	4.908	
1,000.0	1,000.0	998.7	998.7	3.2	3.2	89.62		0.2	30.0	30.0	23.9	6.14	4.885	
1,100.0	1,100.0	1,098.7	1,098.7	3.3	3.3	89.62		0.2	30.0	30.0	23.8	6.17	4.861	
1,200.0	1,200.0	1,198.7	1,198.7	3.4	3.4	89.62		0.2	30.0	30.0	23.8	6.21	4.834	
1,300.0	1,300.0	1,298.7	1,298.7	3.4	3.4	89.62		0.2	30.0	30.0	23.8	6.24	4.805	
1,400.0	1,400.0	1,398.7	1,398.7	3.5	3.5	89.62		0.2	30.0	30.0	23.7	6.28	4.775	
1,500.0	1,500.0	1,498.7	1,498.7	3.5	3.5	89.62		0.2	30.0	30.0	23.7	6.33	4.742	
1,600.0	1,600.0	1,598.7	1,598.7	3.6	3.6	89.62		0.2	30.0	30.0	23.6	6.37	4.708	
1,700.0	1,700.0	1,698.7	1,698.7	3.7	3.7	89.62		0.2	30.0	30.0	23.6	6.42	4.673	
1,800.0	1,800.0	1,798.7	1,798.7	3.8	3.8	89.62		0.2	30.0	30.0	23.5	6.47	4.636	
1,900.0	1,900.0	1,898.7	1,898.7	3.9	3.9	89.62		0.2	30.0	30.0	23.5	6.52	4.598	
2,000.0	2,000.0	1,998.7	1,998.7	3.9	3.9	89.62		0.2	30.0	30.0	23.4	6.58	4.559	
2,100.0	2,100.0	2,098.7	2,098.7	4.0	4.0	89.62		0.2	30.0	30.0	23.4	6.64	4.518	
2,200.0	2,200.0	2,198.7	2,198.7	4.1	4.1	89.62		0.2	30.0	30.0	23.3	6.70	4.477	
2,300.0	2,300.0	2,298.7	2,298.7	4.2	4.2	89.62		0.2	30.0	30.0	23.2	6.76	4.435	
2,400.0	2,400.0	2,398.7	2,398.7	4.3	4.3	89.62		0.2	30.0	30.0	23.2	6.83	4.393	
2,500.0	2,500.0	2,498.7	2,498.7	4.4	4.4	89.62		0.2	30.0	30.0	23.1	6.90	4.350 CC, ES	
2,600.0	2,600.0	2,598.0	2,598.0	4.5	4.5	87.33		1.4	31.1	31.2	24.2	6.97	4.469	
2,700.0	2,700.0	2,697.2	2,697.1	4.6	4.6	81.46		5.2	34.4	34.9	27.8	7.10	4.908	
2,800.0	2,800.0	2,797.1	2,796.7	4.7	4.6	75.93		9.6	38.4	39.7	32.4	7.30	5.435	
2,900.0	2,900.0	2,896.9	2,896.4	4.8	4.7	71.62		14.1	42.4	44.8	37.2	7.52	5.953	
3,000.0	3,000.0	2,996.7	2,996.0	4.9	4.8	68.21		18.5	46.4	50.0	42.3	7.75	6.459	
3,100.0	3,100.0	3,096.5	3,095.7	5.0	4.9	65.46		23.0	50.4	55.5	47.5	7.98	6.953	
3,200.0	3,200.0	3,196.3	3,195.3	5.1	5.0	63.20		27.5	54.4	61.0	52.8	8.21	7.433	
3,300.0	3,300.0	3,296.2	3,294.9	5.2	5.1	61.32		31.9	58.4	66.6	58.2	8.44	7.898	
3,400.0	3,400.0	3,396.0	3,394.6	5.3	5.2	59.74		36.4	62.3	72.3	63.6	8.66	8.347	
3,500.0	3,500.0	3,495.8	3,494.2	5.4	5.3	58.38		40.8	66.3	78.0	69.1	8.88	8.781	
3,600.0	3,600.0	3,595.6	3,593.9	5.5	5.4	57.21		45.3	70.3	83.8	74.7	9.11	9.199	
3,700.0	3,700.0	3,695.4	3,693.5	5.7	5.5	56.19		49.7	74.3	89.6	80.2	9.33	9.602	
3,800.0	3,800.0	3,795.3	3,793.1	5.8	5.6	55.30		54.2	78.3	95.4	85.8	9.55	9.990	
3,900.0	3,900.0	3,895.1	3,892.8	5.9	5.7	54.51		58.7	82.3	101.2	91.4	9.77	10.364	
4,000.0	4,000.0	3,994.9	3,992.4	6.0	5.8	53.80		63.1	86.3	107.1	97.1	9.98	10.723	
4,100.0	4,100.0	4,094.7	4,092.1	6.1	5.9	53.17		67.6	90.2	112.9	102.7	10.20	11.069	
4,200.0	4,200.0	4,194.5	4,191.7	6.2	6.0	52.60		72.0	94.2	118.8	108.4	10.42	11.401	
4,300.0	4,300.0	4,294.4	4,291.4	6.3	6.1	52.08		76.5	98.2	124.7	114.1	10.64	11.721	
4,400.0	4,400.0	4,394.2	4,391.0	6.5	6.2	51.61		81.0	102.2	130.6	119.7	10.86	12.029	
4,500.0	4,500.0	4,494.0	4,490.6	6.6	6.3	51.19		85.4	106.2	136.5	125.4	11.07	12.325	
4,600.0	4,600.0	4,593.8	4,590.3	6.7	6.4	50.79		89.9	110.2	142.4	131.1	11.29	12.610	
4,700.0	4,700.0	4,693.6	4,689.9	6.8	6.5	50.43		94.3	114.1	148.3	136.8	11.51	12.885	
4,800.0	4,800.0	4,793.5	4,789.6	6.9	6.6	50.10		98.8	118.1	154.3	142.5	11.73	13.150	
4,900.0	4,900.0	4,893.3	4,889.2	7.0	6.7	49.79		103.2	122.1	160.2	148.2	11.95	13.405	
5,000.0	5,000.0	4,993.1	4,988.8	7.2	6.8	49.50		107.7	126.1	166.1	154.0	12.17	13.650	

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

Concho Resources LLC

Anticollision Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well GREEN BERET FED COM #801H
Project:	BULLDOG PROSPECT (NM-E)	TVD Reference:	KB=26' @ 3307.5usft (MCVAY 8)
Reference Site:	GREEN BERET FEDERAL PROJECT (BULLDOG 2535)	MD Reference:	KB=26' @ 3307.5usft (MCVAY 8)
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	GREEN BERET FED COM #801H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	edm
Reference Design:	PWP2	Offset TVD Reference:	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		
5,100.0	5,100.0	5,092.9	5,088.5	7.3	6.9	49.23	112.2	130.1	172.1	159.7	12.39	13.887		
5,200.0	5,200.0	5,192.8	5,188.1	7.4	7.0	48.98	116.6	134.1	178.0	165.4	12.61	14.115		
5,300.0	5,300.0	5,292.6	5,287.8	7.5	7.2	48.75	121.1	138.1	183.9	171.1	12.83	14.336		
5,400.0	5,400.0	5,392.4	5,387.4	7.6	7.3	48.53	125.5	142.0	189.9	176.8	13.05	14.549		
5,500.0	5,500.0	5,492.2	5,487.0	7.8	7.4	48.33	130.0	146.0	195.8	182.6	13.27	14.754		
5,600.0	5,600.0	5,592.1	5,586.8	7.9	7.5	-4.08	134.4	150.0	200.1	186.5	13.51	14.808		
5,700.0	5,699.8	5,692.1	5,686.6	8.0	7.6	-4.37	138.9	154.0	200.8	187.0	13.76	14.590		
5,788.5	5,788.1	5,780.6	5,774.9	8.0	7.7	-4.70	142.9	157.5	198.5	184.6	13.99	14.191		
5,800.0	5,799.5	5,792.1	5,786.3	8.0	7.7	-4.75	143.4	158.0	198.1	184.1	14.02	14.128		
5,900.0	5,898.9	5,892.0	5,886.1	8.1	7.8	-5.17	147.8	162.0	194.0	179.7	14.28	13.584		
6,000.0	5,998.4	5,991.9	5,985.8	8.2	8.0	-5.61	152.3	166.0	190.0	175.4	14.55	13.057		
6,100.0	6,097.9	6,091.8	6,085.5	8.3	8.1	-6.07	156.8	170.0	185.9	171.1	14.82	12.549		
6,200.0	6,197.4	6,191.7	6,185.3	8.4	8.2	-6.54	161.2	173.9	181.9	166.8	15.09	12.057		
6,300.0	6,296.9	6,291.6	6,285.0	8.5	8.3	-7.04	165.7	177.9	177.9	162.5	15.36	11.581		
6,400.0	6,396.4	6,391.5	6,384.7	8.6	8.4	-7.56	170.1	181.9	173.9	158.2	15.63	11.122		
6,500.0	6,495.9	6,491.4	6,484.4	8.7	8.5	-8.11	174.6	185.9	169.9	154.0	15.91	10.677		
6,600.0	6,595.4	6,591.3	6,584.2	8.8	8.7	-8.68	179.1	189.9	165.9	149.7	16.19	10.247		
6,700.0	6,694.9	6,691.2	6,683.9	8.9	8.8	-9.28	183.5	193.9	161.9	145.5	16.47	9.832		
6,800.0	6,794.4	6,791.1	6,783.6	9.0	8.9	-9.91	188.0	197.9	158.0	141.2	16.75	9.431		
6,900.0	6,893.9	6,891.0	6,883.4	9.1	9.0	-10.58	192.4	201.9	154.1	137.0	17.04	9.042		
7,000.0	6,993.4	6,990.9	6,983.1	9.2	9.1	-11.27	196.9	205.9	150.2	132.9	17.33	8.668		
7,100.0	7,092.9	7,090.8	7,082.8	9.3	9.3	-12.01	201.4	209.8	146.3	128.7	17.62	8.305		
7,200.0	7,192.4	7,190.7	7,182.5	9.4	9.4	-12.78	205.8	213.8	142.5	124.6	17.91	7.956		
7,300.0	7,291.9	7,290.7	7,282.3	9.5	9.5	-13.60	210.3	217.8	138.7	120.4	18.20	7.618		
7,400.0	7,391.3	7,390.6	7,382.0	9.6	9.6	-14.46	214.8	221.8	134.9	116.4	18.49	7.292		
7,500.0	7,490.8	7,490.5	7,481.7	9.7	9.7	-15.38	219.2	225.8	131.1	112.3	18.79	6.978		
7,600.0	7,590.3	7,590.4	7,581.4	9.8	9.9	-16.34	223.7	229.8	127.4	108.3	19.08	6.675		
7,700.0	7,689.8	7,690.3	7,681.2	9.9	10.0	-17.37	228.1	233.8	123.7	104.3	19.38	6.384		
7,800.0	7,789.3	7,790.2	7,780.9	10.0	10.1	-18.45	232.6	237.8	120.1	100.4	19.67	6.104		
7,900.0	7,888.8	7,890.1	7,880.6	10.1	10.2	-19.61	237.1	241.7	116.5	96.5	19.96	5.834		
8,000.0	7,988.3	7,990.0	7,980.4	10.2	10.3	-20.83	241.5	245.7	112.9	92.7	20.25	5.576		
8,100.0	8,087.8	8,089.9	8,080.1	10.3	10.5	-22.14	246.0	249.7	109.4	88.9	20.54	5.328		
8,200.0	8,187.3	8,189.8	8,179.8	10.4	10.6	-23.53	250.4	253.7	106.0	85.2	20.82	5.092		
8,300.0	8,286.8	8,289.7	8,279.5	10.5	10.7	-25.01	254.9	257.7	102.6	81.5	21.09	4.866		
8,400.0	8,386.3	8,389.6	8,379.3	10.6	10.8	-26.59	259.4	261.7	99.3	78.0	21.35	4.652		
8,500.0	8,485.8	8,489.5	8,479.0	10.8	11.0	-28.28	263.8	265.7	96.1	74.5	21.61	4.449		
8,600.0	8,585.3	8,589.4	8,578.7	10.9	11.1	-30.09	268.3	269.7	93.0	71.2	21.85	4.257		
8,700.0	8,684.8	8,689.4	8,678.4	11.0	11.2	-32.02	272.7	273.7	90.0	67.9	22.07	4.077		
8,800.0	8,784.3	8,789.3	8,778.2	11.1	11.3	-34.07	277.2	277.6	87.1	64.8	22.28	3.909		
8,900.0	8,883.7	8,889.2	8,877.9	11.2	11.5	-36.27	281.7	281.6	84.3	61.8	22.45	3.754		
9,000.0	8,983.2	8,989.1	8,977.6	11.3	11.6	-38.62	286.1	285.6	81.6	59.0	22.60	3.611		
9,100.0	9,082.7	9,089.0	9,077.4	11.4	11.7	-41.11	290.6	289.6	79.1	56.4	22.72	3.482		
9,200.0	9,182.2	9,188.9	9,177.1	11.5	11.8	-43.77	295.1	293.6	76.8	54.0	22.79	3.367		
9,300.0	9,281.7	9,288.8	9,276.8	11.7	11.9	-46.59	299.5	297.6	74.6	51.7	22.82	3.267		
9,400.0	9,381.2	9,388.7	9,376.5	11.8	12.1	-49.57	304.0	301.6	72.6	49.8	22.80	3.183		
9,500.0	9,480.7	9,488.6	9,476.3	11.9	12.2	-52.70	308.4	305.6	70.8	48.1	22.73	3.115		
9,600.0	9,580.2	9,588.5	9,576.0	12.0	12.3	-55.99	312.9	309.5	69.2	46.6	22.60	3.064		
9,700.0	9,679.7	9,688.4	9,675.7	12.1	12.4	-59.42	317.4	313.5	67.9	45.5	22.41	3.031		
9,800.0	9,779.2	9,788.3	9,775.5	12.2	12.6	-62.97	321.8	317.5	66.9	44.7	22.16	3.017 SF		
9,900.0	9,878.7	9,888.2	9,875.2	12.4	12.7	-66.62	326.3	321.5	66.1	44.2	21.86	3.022		
10,000.0	9,978.2	9,988.1	9,974.9	12.5	12.8	-70.35	330.7	325.5	65.5	44.0	21.52	3.046		

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

Concho Resources LLC

Anticollision Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well GREEN BERET FED COM #801H
Project:	BULLDOG PROSPECT (NM-E)	TVD Reference:	KB=26' @ 3307.5usft (MCVAY 8)
Reference Site:	GREEN BERET FEDERAL PROJECT (BULLDOG 2535)	MD Reference:	KB=26' @ 3307.5usft (MCVAY 8)
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	GREEN BERET FED COM #801H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	edm
Reference Design:	PWP2	Offset TVD Reference:	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		
10,100.0	10,077.7	10,088.1	10,074.6	12.6	12.9	-74.12	335.2	329.5	65.3	44.1	21.14	3.088		
10,136.5	10,114.0	10,124.5	10,111.1	12.6	13.0	-75.50	336.8	330.9	65.3	44.3	20.99	3.109		
10,200.0	10,177.2	10,188.0	10,174.4	12.7	13.1	-77.90	339.7	333.5	65.3	44.6	20.74	3.150		
10,300.0	10,276.6	10,287.9	10,274.1	12.8	13.2	-81.66	344.1	337.5	65.6	45.3	20.34	3.227		
10,400.0	10,376.1	10,387.8	10,373.8	12.9	13.3	-85.36	348.6	341.5	66.2	46.3	19.95	3.320		
10,500.0	10,475.6	10,487.7	10,473.5	13.1	13.4	-88.99	353.1	345.4	67.1	47.5	19.60	3.425		
10,600.0	10,575.1	10,587.6	10,573.3	13.2	13.6	-92.51	357.5	349.4	68.3	49.0	19.28	3.540		
10,700.0	10,674.6	10,687.5	10,673.0	13.3	13.7	-95.90	362.0	353.4	69.6	50.6	19.03	3.660		
10,800.0	10,774.1	10,787.4	10,772.7	13.4	13.8	-99.15	366.4	357.4	71.3	52.4	18.84	3.783		
10,900.0	10,873.6	10,887.3	10,872.5	13.5	13.9	-102.25	370.9	361.4	73.1	54.4	18.71	3.906		
11,000.0	10,973.1	10,987.2	10,972.2	13.7	14.1	-105.18	375.4	365.4	75.1	56.5	18.66	4.027		
11,100.0	11,072.6	11,087.1	11,071.9	13.8	14.2	-107.95	379.8	369.4	77.4	58.7	18.67	4.144		
11,200.0	11,172.1	11,187.0	11,171.6	13.9	14.3	-110.57	384.3	373.4	79.8	61.0	18.74	4.256		
11,300.0	11,271.6	11,286.9	11,271.4	14.0	14.5	-113.02	388.7	377.3	82.3	63.5	18.87	4.363		
11,400.0	11,371.1	11,386.8	11,371.1	14.2	14.6	-115.33	393.2	381.3	85.0	66.0	19.05	4.464		
11,500.0	11,470.6	11,486.7	11,470.8	14.3	14.7	-117.49	397.7	385.3	87.8	68.6	19.26	4.561		
11,600.0	11,570.1	11,586.7	11,570.5	14.4	14.8	-119.51	402.1	389.3	90.8	71.3	19.51	4.653		
11,700.0	11,669.6	11,686.6	11,670.3	14.5	15.0	-121.40	406.6	393.3	93.8	74.1	19.79	4.742		
11,800.0	11,769.0	11,786.5	11,770.0	14.6	15.1	-123.18	411.0	397.3	97.0	76.9	20.09	4.828		
11,900.0	11,868.5	11,886.9	11,870.2	14.8	15.2	-124.87	415.5	401.3	100.2	79.8	20.40	4.911		
12,000.0	11,968.0	11,991.1	11,973.9	14.9	15.2	-133.56	407.2	405.6	100.7	79.3	21.40	4.706		
12,004.3	11,972.3	11,995.4	11,978.1	14.9	15.2	-134.19	406.3	405.7	100.7	79.2	21.48	4.689		
12,100.0	12,067.5	12,085.0	12,063.7	15.0	15.2	-151.57	380.6	409.4	104.9	80.3	24.56	4.269		
12,200.0	12,167.0	12,164.2	12,134.1	15.1	15.3	-170.65	344.8	412.6	127.3	96.6	30.77	4.138		
12,300.0	12,266.5	12,228.5	12,186.4	15.3	15.3	175.44	307.6	415.0	172.3	135.3	36.97	4.660		
12,392.1	12,358.1	12,275.0	12,220.9	15.4	15.3	167.32	276.4	416.7	228.5	187.2	41.27	5.537		
12,400.0	12,366.0	12,280.0	12,224.4	15.5	15.3	157.73	272.8	416.9	233.8	191.9	41.88	5.583		
12,425.0	12,390.9	12,291.7	12,232.5	15.5	15.3	119.98	264.4	417.3	250.4	207.6	42.75	5.857		
12,450.0	12,415.8	12,300.0	12,238.1	15.5	15.3	86.35	258.3	417.6	266.8	223.0	43.82	6.089		
12,475.0	12,440.6	12,315.3	12,248.1	15.5	15.3	66.00	246.8	418.1	282.9	238.6	44.32	6.383		
12,500.0	12,465.3	12,325.0	12,254.3	15.5	15.4	54.54	239.3	418.4	298.7	253.5	45.18	6.611		
12,525.0	12,489.8	12,339.0	12,263.0	15.5	15.4	46.89	228.3	418.9	314.1	268.4	45.73	6.869		
12,550.0	12,514.0	12,350.0	12,269.5	15.5	15.4	41.63	219.5	419.2	329.2	282.7	46.44	7.088		
12,575.0	12,537.8	12,362.8	12,276.9	15.5	15.4	37.59	209.1	419.6	343.8	296.8	47.02	7.311		
12,600.0	12,561.2	12,375.0	12,283.7	15.5	15.4	34.44	198.9	420.0	357.9	310.3	47.61	7.518		
12,625.0	12,584.2	12,386.7	12,290.0	15.5	15.4	31.91	189.1	420.3	371.6	323.4	48.21	7.708		
12,650.0	12,606.6	12,400.0	12,296.8	15.5	15.4	29.76	177.6	420.7	384.8	336.1	48.71	7.900		
12,675.0	12,628.4	12,410.6	12,302.0	15.5	15.4	28.01	168.3	421.0	397.4	348.1	49.30	8.061		
12,700.0	12,649.5	12,425.0	12,308.7	15.5	15.4	26.44	155.7	421.4	409.5	359.8	49.72	8.237		
12,725.0	12,669.9	12,434.7	12,313.1	15.5	15.4	25.18	147.0	421.6	421.1	370.8	50.30	8.371		
12,750.0	12,689.6	12,450.0	12,319.5	15.5	15.5	23.99	133.1	422.0	432.1	381.4	50.66	8.530		
12,775.0	12,708.4	12,458.8	12,323.0	15.5	15.5	23.05	125.1	422.2	442.5	391.3	51.21	8.641		
12,800.0	12,726.3	12,475.0	12,329.1	15.5	15.5	22.12	110.0	422.6	452.4	400.9	51.51	8.782		
12,825.0	12,743.3	12,482.9	12,331.9	15.6	15.5	21.41	102.7	422.8	461.6	409.5	52.03	8.872		
12,850.0	12,759.4	12,500.0	12,337.5	15.6	15.5	20.68	86.5	423.1	470.2	418.0	52.28	8.995		
12,875.0	12,774.4	12,507.0	12,339.6	15.6	15.5	20.14	79.8	423.3	478.2	425.4	52.75	9.066		
12,900.0	12,788.3	12,525.0	12,344.6	15.6	15.5	19.58	62.5	423.6	485.7	432.7	52.95	9.172		
12,925.0	12,801.2	12,531.2	12,346.2	15.6	15.5	19.16	56.5	423.8	492.3	439.0	53.37	9.225		
12,950.0	12,812.9	12,543.3	12,349.0	15.6	15.5	18.77	44.7	424.0	498.5	444.8	53.64	9.292		
12,975.0	12,823.4	12,550.0	12,350.5	15.7	15.5	18.45	38.2	424.1	504.0	450.0	53.96	9.340		
13,000.0	12,832.8	12,567.6	12,353.8	15.7	15.6	18.13	21.0	424.4	508.8	454.7	54.11	9.402		

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

Concho Resources LLC

Anticollision Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well GREEN BERET FED COM #801H
Project:	BULLDOG PROSPECT (NM-E)	TVD Reference:	KB=26' @ 3307.5usft (MCVAY 8)
Reference Site:	GREEN BERET FEDERAL PROJECT (BULLDOG 2535)	MD Reference:	KB=26' @ 3307.5usft (MCVAY 8)
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	GREEN BERET FED COM #801H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	edm
Reference Design:	PWP2	Offset TVD Reference:	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	
13,025.0	12,840.9	12,575.0	12,355.0	15.7	15.6	17.89	13.7	424.5	513.0	458.7	54.36	9.438		
13,050.0	12,847.8	12,591.8	12,357.4	15.7	15.6	17.67	-3.0	424.8	516.5	462.0	54.48	9.480		
13,075.0	12,853.4	12,600.0	12,358.3	15.7	15.6	17.52	-11.1	424.9	519.4	464.8	54.65	9.504		
13,100.0	12,857.8	12,616.1	12,359.8	15.7	15.6	17.38	-27.1	425.1	521.6	466.8	54.75	9.527		
13,125.0	12,860.8	12,625.0	12,360.3	15.7	15.6	17.30	-36.0	425.2	523.2	468.3	54.85	9.539		
13,150.0	12,862.6	12,640.3	12,360.9	15.8	15.6	17.25	-51.3	425.3	524.0	469.1	54.91	9.544		
13,168.6	12,863.0	12,650.8	12,361.0	15.8	15.6	17.24	-61.8	425.4	524.3	469.3	54.94	9.543		
13,200.0	12,863.2	12,682.2	12,361.2	15.8	15.7	17.24	-93.2	425.7	524.3	469.3	55.00	9.533		
13,300.0	12,863.7	12,782.2	12,361.7	15.8	15.8	17.23	-193.2	426.7	524.3	469.1	55.21	9.496		
13,400.0	12,864.3	12,882.2	12,362.3	15.9	15.9	17.23	-293.2	427.6	524.3	468.8	55.47	9.452		
13,500.0	12,864.8	12,982.2	12,362.8	16.0	16.1	17.23	-393.2	428.5	524.3	468.5	55.77	9.401		
13,600.0	12,865.4	13,082.2	12,363.4	16.2	16.3	17.23	-493.2	429.4	524.3	468.1	56.11	9.343		
13,700.0	12,865.9	13,182.2	12,363.9	16.4	16.5	17.23	-593.2	430.4	524.3	467.8	56.50	9.279		
13,800.0	12,866.5	13,282.2	12,364.5	16.6	16.8	17.23	-693.2	431.3	524.3	467.3	56.92	9.210		
13,900.0	12,867.0	13,382.2	12,365.0	16.9	17.2	17.23	-793.2	432.2	524.3	466.9	57.39	9.135		
14,000.0	12,867.6	13,482.2	12,365.5	17.3	17.6	17.23	-893.1	433.1	524.3	466.4	57.90	9.055		
14,100.0	12,868.1	13,582.2	12,366.1	17.7	18.0	17.23	-993.1	434.1	524.2	465.8	58.44	8.970		
14,200.0	12,868.6	13,682.2	12,366.6	18.2	18.5	17.23	-1,093.1	435.0	524.2	465.2	59.03	8.881		
14,300.0	12,869.2	13,782.2	12,367.2	18.8	19.1	17.23	-1,193.1	435.9	524.2	464.6	59.65	8.789		
14,400.0	12,869.7	13,882.2	12,367.7	19.4	19.7	17.23	-1,293.1	436.8	524.2	463.9	60.30	8.694		
14,500.0	12,870.3	13,982.2	12,368.3	20.0	20.3	17.23	-1,393.1	437.8	524.2	463.2	60.99	8.595		
14,600.0	12,870.8	14,082.2	12,368.8	20.7	20.9	17.23	-1,493.1	438.7	524.2	462.5	61.71	8.495		
14,700.0	12,871.4	14,182.2	12,369.4	21.3	21.6	17.23	-1,593.1	439.6	524.2	461.8	62.47	8.392		
14,800.0	12,871.9	14,282.2	12,369.9	22.0	22.3	17.23	-1,693.1	440.5	524.2	461.0	63.25	8.288		
14,900.0	12,872.5	14,382.2	12,370.4	22.7	23.0	17.23	-1,793.1	441.5	524.2	460.2	64.07	8.183		
15,000.0	12,873.0	14,482.2	12,371.0	23.4	23.7	17.23	-1,893.1	442.4	524.2	459.3	64.91	8.077		
15,100.0	12,873.5	14,582.2	12,371.5	24.2	24.4	17.23	-1,993.1	443.3	524.2	458.5	65.78	7.970		
15,200.0	12,874.1	14,682.2	12,372.1	24.9	25.1	17.23	-2,093.1	444.2	524.2	457.6	66.67	7.863		
15,300.0	12,874.6	14,782.2	12,372.6	25.7	25.9	17.23	-2,193.1	445.2	524.2	456.6	67.59	7.756		
15,400.0	12,875.2	14,882.2	12,373.2	26.4	26.6	17.22	-2,293.1	446.1	524.2	455.7	68.54	7.649		
15,500.0	12,875.7	14,982.2	12,373.7	27.2	27.4	17.22	-2,393.1	447.0	524.2	454.7	69.51	7.542		
15,600.0	12,876.3	15,082.2	12,374.3	28.0	28.2	17.22	-2,493.1	447.9	524.2	453.7	70.50	7.436		
15,700.0	12,876.8	15,182.2	12,374.8	28.8	28.9	17.22	-2,593.0	448.9	524.2	452.7	71.51	7.331		
15,800.0	12,877.3	15,282.2	12,375.3	29.5	29.7	17.22	-2,693.0	449.8	524.2	451.7	72.54	7.226		
15,900.0	12,877.9	15,382.2	12,375.9	30.3	30.5	17.22	-2,793.0	450.7	524.2	450.6	73.59	7.123		
16,000.0	12,878.4	15,482.2	12,376.4	31.1	31.3	17.22	-2,893.0	451.6	524.2	449.6	74.66	7.021		
16,100.0	12,879.0	15,582.2	12,377.0	31.9	32.1	17.22	-2,993.0	452.6	524.2	448.5	75.75	6.920		
16,200.0	12,879.5	15,682.2	12,377.5	32.7	32.9	17.22	-3,093.0	453.5	524.2	447.4	76.86	6.820		
16,300.0	12,880.1	15,782.2	12,378.1	33.5	33.7	17.22	-3,193.0	454.4	524.2	446.2	77.98	6.722		
16,400.0	12,880.6	15,882.2	12,378.6	34.3	34.5	17.22	-3,293.0	455.3	524.2	445.1	79.12	6.626		
16,500.0	12,881.2	15,982.2	12,379.2	35.1	35.3	17.22	-3,393.0	456.3	524.2	443.9	80.27	6.530		
16,600.0	12,881.7	16,082.2	12,379.7	36.0	36.1	17.22	-3,493.0	457.2	524.2	442.8	81.44	6.437		
16,700.0	12,882.2	16,182.2	12,380.2	36.8	36.9	17.22	-3,593.0	458.1	524.2	441.6	82.62	6.345		
16,800.0	12,882.8	16,282.2	12,380.8	37.6	37.7	17.22	-3,693.0	459.1	524.2	440.4	83.82	6.254		
16,900.0	12,883.3	16,382.2	12,381.3	38.4	38.6	17.22	-3,793.0	460.0	524.2	439.2	85.02	6.165		
17,000.0	12,883.9	16,482.2	12,381.9	39.2	39.4	17.22	-3,893.0	460.9	524.2	438.0	86.24	6.078		
17,100.0	12,884.4	16,582.2	12,382.4	40.0	40.2	17.22	-3,993.0	461.8	524.2	436.7	87.47	5.993		
17,200.0	12,885.0	16,682.2	12,383.0	40.9	41.0	17.22	-4,093.0	462.8	524.2	435.5	88.71	5.909		
17,300.0	12,885.5	16,782.2	12,383.5	41.7	41.8	17.22	-4,193.0	463.7	524.2	434.2	89.97	5.826		
17,400.0	12,886.1	16,882.2	12,384.1	42.5	42.7	17.22	-4,293.0	464.6	524.2	433.0	91.23	5.746		
17,500.0	12,886.6	16,982.2	12,384.6	43.4	43.5	17.22	-4,392.9	465.5	524.2	431.7	92.50	5.667		

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

Concho Resources LLC

Anticollision Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well GREEN BERET FED COM #801H
Project:	BULLDOG PROSPECT (NM-E)	TVD Reference:	KB=26' @ 3307.5usft (MCVAY 8)
Reference Site:	GREEN BERET FEDERAL PROJECT (BULLDOG 2535)	MD Reference:	KB=26' @ 3307.5usft (MCVAY 8)
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	GREEN BERET FED COM #801H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	edm
Reference Design:	PWP2	Offset TVD Reference:	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	
17,600.0	12,887.1	17,082.2	12,385.1	44.2	44.3	17.21	-4,492.9	466.5	524.2	430.4	93.79	5.589		
17,700.0	12,887.7	17,182.2	12,385.7	45.0	45.2	17.21	-4,592.9	467.4	524.2	429.1	95.08	5.513		
17,800.0	12,888.2	17,282.2	12,386.2	45.8	46.0	17.21	-4,692.9	468.3	524.2	427.8	96.38	5.439		
17,900.0	12,888.8	17,382.2	12,386.8	46.7	46.8	17.21	-4,792.9	469.2	524.2	426.5	97.69	5.366		
18,000.0	12,889.3	17,482.2	12,387.3	47.5	47.7	17.21	-4,892.9	470.2	524.2	425.2	99.00	5.295		
18,100.0	12,889.9	17,582.2	12,387.9	48.4	48.5	17.21	-4,992.9	471.1	524.2	423.9	100.33	5.225		
18,200.0	12,890.4	17,682.2	12,388.4	49.2	49.3	17.21	-5,092.9	472.0	524.2	422.5	101.66	5.156		
18,300.0	12,891.0	17,782.2	12,389.0	50.0	50.2	17.21	-5,192.9	472.9	524.2	421.2	103.00	5.089		
18,400.0	12,891.5	17,882.2	12,389.5	50.9	51.0	17.21	-5,292.9	473.9	524.2	419.8	104.34	5.024		
18,500.0	12,892.0	17,982.2	12,390.1	51.7	51.9	17.21	-5,392.9	474.8	524.2	418.5	105.69	4.959		
18,600.0	12,892.6	18,082.2	12,390.6	52.5	52.7	17.21	-5,492.9	475.7	524.2	417.1	107.05	4.896		
18,700.0	12,893.1	18,182.2	12,391.1	53.4	53.5	17.21	-5,592.9	476.6	524.2	415.8	108.42	4.835		
18,800.0	12,893.7	18,282.2	12,391.7	54.2	54.4	17.21	-5,692.9	477.6	524.2	414.4	109.79	4.774		
18,900.0	12,894.2	18,382.2	12,392.2	55.1	55.2	17.21	-5,792.9	478.5	524.2	413.0	111.16	4.715		
19,000.0	12,894.8	18,482.2	12,392.8	55.9	56.1	17.21	-5,892.9	479.4	524.2	411.6	112.54	4.657		
19,100.0	12,895.3	18,582.2	12,393.3	56.8	56.9	17.21	-5,992.9	480.3	524.2	410.2	113.93	4.601		
19,200.0	12,895.9	18,682.2	12,393.9	57.6	57.8	17.21	-6,092.8	481.3	524.2	408.8	115.32	4.545		
19,300.0	12,896.4	18,782.2	12,394.4	58.4	58.6	17.21	-6,192.8	482.2	524.2	407.4	116.72	4.491		
19,400.0	12,896.9	18,882.2	12,395.0	59.3	59.4	17.21	-6,292.8	483.1	524.2	406.0	118.12	4.438		
19,500.0	12,897.5	18,982.2	12,395.5	60.1	60.3	17.21	-6,392.8	484.0	524.2	404.6	119.52	4.385		
19,600.0	12,898.0	19,082.2	12,396.0	61.0	61.1	17.21	-6,492.8	485.0	524.2	403.2	120.93	4.334		
19,700.0	12,898.6	19,182.2	12,396.6	61.8	62.0	17.21	-6,592.8	485.9	524.1	401.8	122.35	4.284		
19,800.0	12,899.1	19,282.2	12,397.1	62.7	62.8	17.20	-6,692.8	486.8	524.1	400.4	123.77	4.235		
19,900.0	12,899.7	19,382.2	12,397.7	63.5	63.7	17.20	-6,792.8	487.7	524.1	399.0	125.19	4.187		
20,000.0	12,900.2	19,482.2	12,398.2	64.4	64.5	17.20	-6,892.8	488.7	524.1	397.5	126.62	4.140		
20,100.0	12,900.7	19,582.2	12,398.8	65.2	65.4	17.20	-6,992.8	489.6	524.1	396.1	128.05	4.093		
20,200.0	12,901.3	19,682.2	12,399.3	66.1	66.2	17.20	-7,092.8	490.5	524.1	394.7	129.48	4.048		
20,300.0	12,901.8	19,782.2	12,399.9	66.9	67.1	17.20	-7,192.8	491.5	524.1	393.2	130.92	4.004		
20,400.0	12,902.4	19,882.2	12,400.4	67.8	67.9	17.20	-7,292.8	492.4	524.1	391.8	132.36	3.960		
20,500.0	12,902.9	19,982.2	12,400.9	68.6	68.8	17.20	-7,392.8	493.3	524.1	390.3	133.80	3.917		
20,510.5	12,903.0	19,992.7	12,401.0	68.7	68.9	17.20	-7,403.3	493.4	524.1	390.2	133.95	3.913		
20,513.6	12,903.0	19,992.7	12,401.0	68.7	68.9	17.20	-7,403.3	493.4	524.1	390.1	134.03	3.911		

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

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COMPASS 5000.15 Build 91E

Concho Resources LLC

Anticollision Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well GREEN BERET FED COM #801H
Project:	BULLDOG PROSPECT (NM-E)	TVD Reference:	KB=26' @ 3307.5usft (MCVAY 8)
Reference Site:	GREEN BERET FEDERAL PROJECT (BULLDOG 2535)	MD Reference:	KB=26' @ 3307.5usft (MCVAY 8)
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	GREEN BERET FED COM #801H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	edm
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

Offset Design		GREEN BERET FEDERAL PROJECT (BULLDOG 2535) - GREEN BERET FED COM #701H - OWB - F										Offset Site Error:		3.0 usft	
Survey Program:		0-Standard Keeper 104, 12121-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			
6,700.0	6,694.9	6,770.8	6,748.5	8.9	8.2	28.33	199.2	854.4	785.8	773.0	12.78	61.492			
6,800.0	6,794.4	6,869.1	6,846.3	9.0	8.3	28.38	201.5	844.4	767.3	754.3	12.98	59.117			
6,900.0	6,893.9	6,967.4	6,944.0	9.1	8.4	28.44	203.8	834.4	748.9	735.7	13.18	56.807			
7,000.0	6,993.4	7,065.7	7,041.8	9.2	8.5	28.50	206.1	824.4	730.5	717.1	13.39	54.560			
7,100.0	7,092.9	7,164.0	7,139.5	9.3	8.6	28.56	208.4	814.3	712.0	698.4	13.59	52.375			
7,200.0	7,192.4	7,262.3	7,237.3	9.4	8.7	28.63	210.8	804.3	693.6	679.8	13.80	50.250			
7,300.0	7,291.9	7,360.5	7,335.0	9.5	8.9	28.70	213.1	794.3	675.2	661.2	14.01	48.182			
7,400.0	7,391.3	7,458.8	7,432.8	9.6	9.0	28.78	215.4	784.3	656.8	642.5	14.22	46.171			
7,500.0	7,490.8	7,557.1	7,530.5	9.7	9.1	28.85	217.7	774.3	638.3	623.9	14.44	44.215			
7,600.0	7,590.3	7,655.4	7,628.2	9.8	9.2	28.94	220.0	764.3	619.9	605.3	14.65	42.311			
7,700.0	7,689.8	7,753.7	7,726.0	9.9	9.3	29.03	222.3	754.3	601.5	586.6	14.87	40.459			
7,800.0	7,789.3	7,852.0	7,823.7	10.0	9.4	29.12	224.6	744.3	583.1	568.0	15.08	38.657			
7,900.0	7,888.8	7,950.2	7,921.5	10.1	9.6	29.22	226.9	734.3	564.6	549.3	15.30	36.903			
8,000.0	7,988.3	8,048.5	8,019.2	10.2	9.7	29.33	229.2	724.2	546.2	530.7	15.52	35.196			
8,100.0	8,087.8	8,146.8	8,117.0	10.3	9.8	29.44	231.6	714.2	527.8	512.1	15.74	33.534			
8,200.0	8,187.3	8,245.1	8,214.7	10.4	9.9	29.56	233.9	704.2	509.4	493.4	15.96	31.917			
8,300.0	8,286.8	8,343.4	8,312.5	10.5	10.0	29.69	236.2	694.2	491.0	474.8	16.18	30.341			
8,400.0	8,386.3	8,441.7	8,410.2	10.6	10.2	29.84	238.5	684.2	472.6	456.2	16.41	28.807			
8,500.0	8,485.8	8,539.9	8,508.0	10.8	10.3	29.99	240.8	674.2	454.2	437.5	16.63	27.313			
8,600.0	8,585.3	8,638.2	8,605.7	10.9	10.4	30.16	243.1	664.2	435.8	418.9	16.85	25.857			
8,700.0	8,684.8	8,736.5	8,703.4	11.0	10.5	30.34	245.4	654.2	417.4	400.3	17.08	24.439			
8,800.0	8,784.3	8,834.8	8,801.2	11.1	10.6	30.53	247.7	644.2	399.0	381.7	17.30	23.058			
8,900.0	8,883.7	8,933.1	8,898.9	11.2	10.8	30.75	250.0	634.2	380.6	363.1	17.53	21.711			
9,000.0	8,983.2	9,031.4	8,996.7	11.3	10.9	30.99	252.4	624.1	362.2	344.5	17.76	20.399			
9,100.0	9,082.7	9,129.7	9,094.4	11.4	11.0	31.25	254.7	614.1	343.8	325.9	17.98	19.120			
9,200.0	9,182.2	9,227.9	9,192.2	11.5	11.1	31.55	257.0	604.1	325.5	307.3	18.21	17.872			
9,300.0	9,281.7	9,326.2	9,289.9	11.7	11.2	31.88	259.3	594.1	307.1	288.7	18.44	16.657			
9,400.0	9,381.2	9,424.5	9,387.7	11.8	11.4	32.25	261.6	584.1	288.8	270.1	18.66	15.471			
9,500.0	9,480.7	9,522.8	9,485.4	11.9	11.5	32.67	263.9	574.1	270.4	251.5	18.89	14.315			
9,600.0	9,580.2	9,621.1	9,583.2	12.0	11.6	33.15	266.2	564.1	252.1	233.0	19.12	13.187			
9,700.0	9,679.7	9,719.4	9,680.9	12.1	11.7	33.71	268.5	554.1	233.8	214.5	19.34	12.088			
9,800.0	9,779.2	9,817.6	9,778.6	12.2	11.9	34.36	270.8	544.1	215.5	196.0	19.57	11.015			
9,900.0	9,878.7	9,915.9	9,876.4	12.4	12.0	35.14	273.2	534.1	197.3	177.5	19.79	9.970			
10,000.0	9,978.2	10,014.2	9,974.1	12.5	12.1	36.07	275.5	524.0	179.1	159.1	20.01	8.951			
10,100.0	10,077.7	10,112.5	10,071.9	12.6	12.2	37.21	277.8	514.0	161.0	140.7	20.23	7.957			
10,200.0	10,177.2	10,210.8	10,169.6	12.7	12.4	38.64	280.1	504.0	142.9	122.5	20.44	6.990			
10,300.0	10,276.6	10,309.1	10,267.4	12.8	12.5	40.48	282.4	494.0	124.9	104.3	20.65	6.050			
10,400.0	10,376.1	10,407.3	10,365.1	12.9	12.6	42.94	284.7	484.0	107.2	86.3	20.86	5.137			
10,500.0	10,475.6	10,505.6	10,462.9	13.1	12.7	46.35	287.0	474.0	89.6	68.6	21.07	4.255			
10,600.0	10,575.1	10,605.7	10,561.7	13.2	12.9	58.60	281.3	460.1	71.2	49.8	21.48	3.317			
10,674.3	10,649.0	10,673.1	10,625.9	13.3	13.0	80.69	266.9	446.0	63.5	41.1	22.36	2.838 CC, ES			
10,700.0	10,674.6	10,694.6	10,645.8	13.3	13.0	89.74	260.6	440.8	64.8	41.3	23.46	2.761 SF			
10,800.0	10,774.1	10,768.8	10,711.2	13.4	13.2	118.19	232.5	420.2	95.2	66.0	29.21	3.261			
10,900.0	10,873.6	10,828.9	10,759.8	13.5	13.3	132.33	203.0	400.8	152.7	119.8	32.95	4.636			
11,000.0	10,973.1	10,875.0	10,793.9	13.7	13.5	138.84	176.7	384.5	223.4	187.9	35.57	6.281			
11,100.0	11,072.6	10,916.1	10,821.7	13.8	13.7	142.69	150.6	369.1	301.6	264.4	37.22	8.102			
11,200.0	11,172.1	10,950.0	10,842.6	13.9	13.8	144.95	127.5	355.9	384.7	346.1	38.58	9.973			
11,300.0	11,271.6	10,975.0	10,856.9	14.0	13.9	146.24	109.5	345.8	471.2	431.4	39.82	11.833			
11,400.0	11,371.1	11,000.0	10,870.0	14.2	14.1	147.28	90.9	335.5	560.3	519.5	40.75	13.749			
11,500.0	11,470.6	11,013.5	10,876.6	14.3	14.1	147.77	80.5	329.9	651.1	609.4	41.76	15.594			
11,600.0	11,570.1	11,025.0	10,882.0	14.4	14.2	148.13	71.6	325.1	743.5	700.9	42.61	17.449			

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

Concho Resources LLC

Anticollision Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well GREEN BERET FED COM #801H
Project:	BULLDOG PROSPECT (NM-E)	TVD Reference:	KB=26' @ 3307.5usft (MCVAY 8)
Reference Site:	GREEN BERET FEDERAL PROJECT (BULLDOG 2535)	MD Reference:	KB=26' @ 3307.5usft (MCVAY 8)
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	GREEN BERET FED COM #801H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	edm
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

Concho Resources LLC

Anticollision Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well GREEN BERET FED COM #801H
Project:	BULLDOG PROSPECT (NM-E)	TVD Reference:	KB=26' @ 3307.5usft (MCVAY 8)
Reference Site:	GREEN BERET FEDERAL PROJECT (BULLDOG 2535)	MD Reference:	KB=26' @ 3307.5usft (MCVAY 8)
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	GREEN BERET FED COM #801H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	edm
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

Offset Design GREEN BERET FEDERAL PROJECT (BULLDOG 2535) - GREEN BERET FED COM #702H - OWB - F													Offset Site Error:	3.0 usft
Survey Program: 0-Standard Keeper 104, 12135-MWD+IFR1+FDIR													Offset Well Error:	3.0 usft
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Semi Major Axis (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.0	0.0	0.9	0.9	3.0	3.0	-90.26	-0.3	-60.0	60.0	60.0	54.0	6.00	10.000	
100.0	100.0	100.9	100.9	3.0	3.0	-90.26	-0.3	-60.0	60.0	60.0	54.0	6.00	9.995	
200.0	200.0	200.9	200.9	3.0	3.0	-90.26	-0.3	-60.0	60.0	60.0	54.0	6.01	9.985	
300.0	300.0	300.9	300.9	3.0	3.0	-90.26	-0.3	-60.0	60.0	60.0	54.0	6.02	9.969	
400.0	400.0	400.9	400.9	3.0	3.0	-90.26	-0.3	-60.0	60.0	60.0	54.0	6.03	9.949	
500.0	500.0	500.9	500.9	3.1	3.1	-90.26	-0.3	-60.0	60.0	60.0	54.0	6.05	9.923	
600.0	600.0	600.9	600.9	3.1	3.1	-90.26	-0.3	-60.0	60.0	60.0	53.9	6.07	9.892	
700.0	700.0	700.9	700.9	3.2	3.2	-90.26	-0.3	-60.0	60.0	60.0	53.9	6.09	9.856	
800.0	800.0	800.9	800.9	3.2	3.2	-90.26	-0.3	-60.0	60.0	60.0	53.9	6.11	9.815	
900.0	900.0	900.9	900.9	3.2	3.2	-90.26	-0.3	-60.0	60.0	60.0	53.9	6.14	9.770	
1,000.0	1,000.0	1,000.9	1,000.9	3.2	3.2	-90.26	-0.3	-60.0	60.0	60.0	53.8	6.17	9.721	
1,100.0	1,100.0	1,100.9	1,100.9	3.3	3.3	-90.26	-0.3	-60.0	60.0	60.0	53.8	6.21	9.667	
1,200.0	1,200.0	1,200.9	1,200.9	3.4	3.4	-90.26	-0.3	-60.0	60.0	60.0	53.8	6.24	9.610	
1,300.0	1,300.0	1,300.9	1,300.9	3.4	3.4	-90.26	-0.3	-60.0	60.0	60.0	53.7	6.28	9.548	
1,400.0	1,400.0	1,400.9	1,400.9	3.5	3.5	-90.26	-0.3	-60.0	60.0	60.0	53.7	6.33	9.484	
1,500.0	1,500.0	1,500.9	1,500.9	3.6	3.6	-90.26	-0.3	-60.0	60.0	60.0	53.6	6.37	9.416	
1,600.0	1,600.0	1,600.9	1,600.9	3.7	3.7	-90.26	-0.3	-60.0	60.0	60.0	53.6	6.42	9.345	
1,700.0	1,700.0	1,700.9	1,700.9	3.8	3.8	-90.26	-0.3	-60.0	60.0	60.0	53.5	6.47	9.271	
1,800.0	1,800.0	1,800.9	1,800.9	3.9	3.9	-90.26	-0.3	-60.0	60.0	60.0	53.5	6.53	9.195	
1,900.0	1,900.0	1,900.9	1,900.9	3.9	3.9	-90.26	-0.3	-60.0	60.0	60.0	53.4	6.58	9.116	
2,000.0	2,000.0	2,000.9	2,000.9	4.0	4.0	-90.26	-0.3	-60.0	60.0	60.0	53.4	6.64	9.036	
2,100.0	2,100.0	2,100.9	2,100.9	4.1	4.1	-90.26	-0.3	-60.0	60.0	60.0	53.3	6.70	8.954	
2,200.0	2,200.0	2,200.9	2,200.9	4.2	4.2	-90.26	-0.3	-60.0	60.0	60.0	53.2	6.76	8.870	
2,300.0	2,300.0	2,300.9	2,300.9	4.3	4.3	-90.26	-0.3	-60.0	60.0	60.0	53.2	6.83	8.785	
2,400.0	2,400.0	2,400.9	2,400.9	4.3	4.3	-90.26	-0.3	-60.0	60.0	60.0	53.2	6.84	8.770 CC	
2,416.4	2,416.4	2,417.3	2,417.3	4.4	4.4	-90.26	-0.3	-60.0	60.0	60.0	53.1	6.90	8.698 ES, SF	
2,500.0	2,500.0	2,500.9	2,500.9	4.5	4.5	-88.74	1.3	-60.7	60.7	60.7	53.8	6.97	8.713	
2,600.0	2,600.0	2,600.0	2,600.0	4.6	4.6	-85.03	5.4	-62.5	62.7	62.7	55.7	7.06	8.883	
2,700.0	2,700.0	2,699.6	2,699.5	4.7	4.7	-81.39	9.7	-64.4	65.1	65.1	57.9	7.19	9.061	
2,800.0	2,800.0	2,799.5	2,799.3	4.8	4.8	-78.02	14.1	-66.2	67.7	67.7	60.4	7.34	9.234	
2,900.0	2,900.0	2,899.4	2,899.0	4.9	4.9	-74.92	18.4	-68.1	70.6	70.6	63.1	7.51	9.400	
3,000.0	3,000.0	2,999.3	2,998.8	5.0	5.0	-72.06	22.7	-70.0	73.6	73.6	65.9	7.70	9.560	
3,100.0	3,100.0	3,099.2	3,098.6	5.1	5.1	-69.43	27.0	-71.9	76.8	76.8	68.9	7.91	9.714	
3,200.0	3,200.0	3,199.1	3,198.4	5.2	5.2	-67.02	31.3	-73.8	80.2	80.2	72.0	8.13	9.865	
3,300.0	3,300.0	3,298.9	3,298.2	5.3	5.3	-64.80	35.6	-75.6	83.6	83.6	75.3	8.36	10.012	
3,400.0	3,400.0	3,398.8	3,397.9	5.4	5.4	-62.76	39.9	-77.5	87.2	87.2	78.7	8.59	10.156	
3,500.0	3,500.0	3,498.7	3,497.7	5.5	5.5	-60.89	44.2	-79.4	90.9	90.9	82.1	8.83	10.298	
3,600.0	3,600.0	3,498.6	3,497.5	5.7	5.6	-59.16	48.5	-81.3	94.7	94.7	85.7	9.08	10.437	
3,700.0	3,700.0	3,698.5	3,697.3	5.8	5.7	-57.57	52.8	-83.2	98.6	98.6	89.3	9.32	10.574	
3,800.0	3,800.0	3,798.4	3,797.1	5.9	5.8	-56.10	57.1	-85.0	102.5	102.5	93.0	9.57	10.709	
3,900.0	3,900.0	3,898.3	3,896.8	6.0	5.9	-54.74	61.4	-86.9	106.5	106.5	96.7	9.83	10.842	
4,000.0	4,000.0	3,998.2	3,996.6	6.1	6.0	-53.48	65.8	-88.8	110.6	110.6	100.5	10.08	10.972	
4,100.0	4,100.0	4,098.1	4,096.4	6.2	6.1	-52.31	70.1	-90.7	114.7	114.7	104.4	10.33	11.101	
4,200.0	4,200.0	4,197.9	4,196.2	6.3	6.2	-51.22	74.4	-92.6	118.8	118.8	108.3	10.59	11.227	
4,300.0	4,300.0	4,297.8	4,295.9	6.5	6.3	-50.20	78.7	-94.4	123.0	123.0	112.2	10.84	11.350	
4,400.0	4,400.0	4,397.7	4,395.7	6.6	6.5	-49.25	83.0	-96.3	127.2	127.2	116.2	11.09	11.471	
4,500.0	4,500.0	4,497.6	4,495.5	6.7	6.6	-48.36	87.3	-98.2	131.5	131.5	120.2	11.35	11.590	
4,600.0	4,600.0	4,597.5	4,595.3	6.8	6.7	-47.53	91.6	-100.1	135.8	135.8	124.2	11.60	11.706	
4,700.0	4,700.0	4,697.4	4,695.1	6.9	6.8	-46.75	95.9	-101.9	140.1	140.1	128.3	11.85	11.819	
4,800.0	4,800.0	4,797.3	4,794.8	7.0	6.9	-46.01	100.2	-103.8	144.4	144.4	132.3	12.11	11.930	
4,900.0	4,900.0	4,897.2	4,894.6											

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

Concho Resources LLC

Anticollision Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well GREEN BERET FED COM #801H
Project:	BULLDOG PROSPECT (NM-E)	TVD Reference:	KB=26' @ 3307.5usft (MCVAY 8)
Reference Site:	GREEN BERET FEDERAL PROJECT (BULLDOG 2535)	MD Reference:	KB=26' @ 3307.5usft (MCVAY 8)
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	GREEN BERET FED COM #801H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	edm
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

Offset Design GREEN BERET FEDERAL PROJECT (BULLDOG 2535) - GREEN BERET FED COM #702H - OWB - F													Offset Site Error:	3.0 usft
Survey Program: 0-Standard Keeper 104, 12135-MWD+IFR1+FDIR													Offset Well Error:	3.0 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,000.0	5,000.0	4,997.1	4,994.4	7.2	7.0	-45.32	104.5	-105.7	148.8	136.4	12.36	12.038		
5,100.0	5,100.0	5,097.0	5,094.2	7.3	7.1	-44.67	108.8	-107.6	153.2	140.6	12.61	12.144		
5,200.0	5,200.0	5,196.8	5,194.0	7.4	7.3	-44.05	113.1	-109.5	157.6	144.7	12.87	12.247		
5,300.0	5,300.0	5,296.7	5,293.7	7.5	7.4	-43.47	117.5	-111.3	162.0	148.9	13.12	12.348		
5,400.0	5,400.0	5,396.6	5,393.5	7.6	7.5	-42.92	121.8	-113.2	166.4	153.1	13.37	12.446		
5,500.0	5,500.0	5,496.5	5,493.3	7.8	7.6	-42.40	126.1	-115.1	170.9	157.3	13.63	12.541		
5,600.0	5,600.0	5,596.4	5,593.1	7.9	7.7	-94.56	130.4	-117.0	175.5	161.7	13.80	12.718		
5,700.0	5,699.8	5,696.2	5,692.8	8.0	7.8	-95.64	134.7	-118.9	180.4	166.5	13.84	13.032		
5,788.5	5,788.1	5,784.4	5,780.9	8.0	7.9	-97.42	138.5	-120.5	185.1	171.4	13.80	13.419		
5,800.0	5,799.5	5,795.8	5,792.3	8.0	8.0	-97.71	139.0	-120.7	185.8	172.0	13.79	13.477		
5,900.0	5,898.9	5,895.3	5,891.6	8.1	8.1	-100.15	143.3	-122.6	191.7	178.0	13.70	13.998		
6,000.0	5,998.4	5,994.8	5,991.0	8.2	8.2	-102.45	147.6	-124.5	197.9	184.3	13.61	14.545		
6,100.0	6,097.9	6,094.3	6,090.4	8.3	8.3	-104.60	151.9	-126.4	204.5	190.9	13.53	15.114		
6,200.0	6,197.4	6,193.8	6,189.8	8.4	8.4	-106.62	156.2	-128.2	211.3	197.8	13.46	15.698		
6,300.0	6,296.9	6,293.3	6,289.2	8.5	8.5	-108.51	160.4	-130.1	218.3	204.9	13.40	16.294		
6,400.0	6,396.4	6,392.8	6,388.6	8.6	8.7	-110.28	164.7	-132.0	225.6	212.3	13.35	16.898		
6,500.0	6,495.9	6,492.3	6,488.0	8.7	8.8	-111.93	169.0	-133.8	233.1	219.8	13.32	17.505		
6,600.0	6,595.4	6,591.8	6,587.4	8.8	8.9	-113.49	173.3	-135.7	240.7	227.4	13.29	18.112		
6,700.0	6,694.9	6,691.3	6,686.8	8.9	9.0	-114.95	177.6	-137.6	248.6	235.3	13.28	18.717		
6,800.0	6,794.4	6,790.8	6,786.2	9.0	9.2	-116.32	181.9	-139.5	256.5	243.3	13.28	19.316		
6,900.0	6,893.9	6,890.3	6,885.5	9.1	9.3	-117.60	186.2	-141.3	264.6	251.3	13.29	19.907		
7,000.0	6,993.4	6,989.8	6,984.9	9.2	9.4	-118.81	190.5	-143.2	272.9	259.6	13.32	20.490		
7,100.0	7,092.9	7,089.3	7,084.3	9.3	9.5	-119.95	194.8	-145.1	281.2	267.9	13.35	21.061		
7,200.0	7,192.4	7,188.8	7,183.7	9.4	9.6	-121.02	199.1	-146.9	289.7	276.3	13.40	21.619		
7,300.0	7,291.9	7,288.3	7,283.1	9.5	9.8	-122.03	203.4	-148.8	298.2	284.8	13.45	22.165		
7,400.0	7,391.3	7,387.8	7,382.5	9.6	9.9	-122.99	207.7	-150.7	306.9	293.3	13.52	22.697		
7,500.0	7,490.8	7,487.3	7,481.9	9.7	10.0	-123.89	211.9	-152.6	315.6	302.0	13.59	23.215		
7,600.0	7,590.3	7,586.8	7,581.3	9.8	10.1	-124.74	216.2	-154.4	324.4	310.7	13.68	23.718		
7,700.0	7,689.8	7,686.3	7,680.7	9.9	10.2	-125.55	220.5	-156.3	333.2	319.5	13.77	24.206		
7,800.0	7,789.3	7,785.8	7,780.0	10.0	10.4	-126.32	224.8	-158.2	342.1	328.3	13.86	24.680		
7,900.0	7,888.8	7,885.3	7,879.4	10.1	10.5	-127.04	229.1	-160.0	351.1	337.2	13.97	25.139		
8,000.0	7,988.3	7,984.8	7,978.8	10.2	10.6	-127.74	233.4	-161.9	360.2	346.1	14.08	25.584		
8,100.0	8,087.8	8,084.3	8,078.2	10.3	10.7	-128.39	237.7	-163.8	369.2	355.0	14.19	26.015		
8,200.0	8,187.3	8,183.8	8,177.6	10.4	10.9	-129.02	242.0	-165.7	378.4	364.1	14.31	26.432		
8,300.0	8,286.8	8,283.3	8,277.0	10.5	11.0	-129.62	246.3	-167.5	387.5	373.1	14.44	26.835		
8,400.0	8,386.3	8,382.8	8,376.4	10.6	11.1	-130.18	250.6	-169.4	396.7	382.2	14.57	27.226		
8,500.0	8,485.8	8,482.3	8,475.8	10.8	11.2	-130.73	254.9	-171.3	406.0	391.3	14.71	27.604		
8,600.0	8,585.3	8,581.8	8,575.2	10.9	11.4	-131.25	259.2	-173.1	415.3	400.4	14.85	27.970		
8,700.0	8,684.8	8,681.3	8,674.5	11.0	11.5	-131.74	263.4	-175.0	424.6	409.6	14.99	28.324		
8,800.0	8,784.3	8,780.8	8,773.9	11.1	11.6	-132.22	267.7	-176.9	433.9	418.8	15.14	28.666		
8,900.0	8,883.7	8,880.3	8,873.3	11.2	11.7	-132.67	272.0	-178.8	443.3	428.0	15.29	28.998		
9,000.0	8,983.2	8,979.8	8,972.7	11.3	11.9	-133.11	276.3	-180.6	452.7	437.3	15.44	29.319		
9,100.0	9,082.7	9,079.3	9,072.1	11.4	12.0	-133.53	280.6	-182.5	462.1	446.5	15.60	29.630		
9,200.0	9,182.2	9,178.8	9,171.5	11.5	12.1	-133.93	284.9	-184.4	471.6	455.8	15.75	29.932		
9,300.0	9,281.7	9,278.3	9,270.9	11.7	12.2	-134.31	289.2	-186.2	481.0	465.1	15.92	30.224		
9,400.0	9,381.2	9,377.8	9,370.3	11.8	12.4	-134.68	293.5	-188.1	490.5	474.4	16.08	30.507		
9,500.0	9,480.7	9,477.3	9,469.7	11.9	12.5	-135.04	297.8	-190.0	500.0	483.8	16.24	30.781		
9,600.0	9,580.2	9,576.8	9,569.1	12.0	12.6	-135.38	302.1	-191.9	509.6	493.2	16.41	31.047		
9,700.0	9,679.7	9,676.3	9,668.4	12.1	12.7	-135.71	306.4	-193.7	519.1	502.5	16.58	31.305		
9,800.0	9,779.2	9,775.8	9,767.8	12.2	12.9	-136.03	310.7	-195.6	528.7	511.9	16.75	31.556		
9,900.0	9,878.7	9,875.3	9,867.2	12.4	13.0	-136.34	314.9	-197.5	538.2	521.3	16.93	31.799		

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

Concho Resources LLC

Anticollision Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well GREEN BERET FED COM #801H
Project:	BULLDOG PROSPECT (NM-E)	TVD Reference:	KB=26' @ 3307.5usft (MCVAY 8)
Reference Site:	GREEN BERET FEDERAL PROJECT (BULLDOG 2535)	MD Reference:	KB=26' @ 3307.5usft (MCVAY 8)
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	GREEN BERET FED COM #801H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	edm
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

Offset Design GREEN BERET FEDERAL PROJECT (BULLDOG 2535) - GREEN BERET FED COM #702H - OWB - F													Offset Site Error:	3.0 usft
Survey Program: 0-Standard Keeper 104, 12135-MWD+IFR1+FDIR													Offset Well Error:	3.0 usft
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Semi Major Axis Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
10,000.0	9,978.2	9,974.8	9,966.6	12.5	13.1	-136.64	319.2	-199.4	547.8	530.7	17.10	32.034		
10,100.0	10,077.7	10,074.3	10,066.0	12.6	13.2	-136.92	323.5	-201.2	557.4	540.2	17.28	32.264		
10,200.0	10,177.2	10,173.8	10,165.4	12.7	13.4	-137.20	327.8	-203.1	567.1	549.6	17.46	32.486		
10,300.0	10,276.6	10,273.3	10,264.8	12.8	13.5	-137.47	332.1	-205.0	576.7	559.1	17.63	32.702		
10,400.0	10,376.1	10,372.8	10,364.2	12.9	13.6	-137.73	336.4	-206.8	586.3	568.5	17.82	32.912		
10,500.0	10,475.6	10,472.3	10,463.6	13.1	13.7	-137.98	340.7	-208.7	596.0	578.0	18.00	33.117		
10,600.0	10,575.1	10,571.8	10,562.9	13.2	13.9	-138.22	345.0	-210.6	605.7	587.5	18.18	33.315		
10,700.0	10,674.6	10,671.3	10,662.3	13.3	14.0	-138.45	349.3	-212.5	615.3	597.0	18.36	33.509		
10,800.0	10,774.1	10,770.8	10,761.7	13.4	14.1	-138.68	353.6	-214.3	625.0	606.5	18.55	33.697		
10,900.0	10,873.6	10,870.3	10,861.1	13.5	14.2	-138.90	357.9	-216.2	634.7	616.0	18.73	33.880		
11,000.0	10,973.1	10,969.8	10,960.5	13.7	14.4	-139.12	362.2	-218.1	644.4	625.5	18.92	34.058		
11,100.0	11,072.6	11,069.3	11,059.9	13.8	14.5	-139.32	366.4	-219.9	654.1	635.0	19.11	34.231		
11,200.0	11,172.1	11,168.8	11,159.3	13.9	14.6	-139.53	370.7	-221.8	663.9	644.6	19.30	34.400		
11,300.0	11,271.6	11,268.3	11,258.7	14.0	14.7	-139.72	375.0	-223.7	673.6	654.1	19.49	34.564		
11,400.0	11,371.1	11,367.8	11,358.1	14.2	14.9	-139.91	379.3	-225.6	683.3	663.7	19.68	34.724		
11,500.0	11,470.6	11,467.3	11,457.4	14.3	15.0	-140.10	383.6	-227.4	693.1	673.2	19.87	34.880		
11,600.0	11,570.1	11,566.8	11,556.8	14.4	15.1	-140.28	387.9	-229.3	702.8	682.8	20.06	35.032		
11,700.0	11,669.6	11,666.3	11,656.2	14.5	15.3	-140.45	392.2	-231.2	712.6	692.3	20.26	35.181		
11,800.0	11,769.0	11,765.8	11,755.6	14.6	15.4	-140.62	396.5	-233.0	722.4	701.9	20.45	35.325		
11,900.0	11,868.5	11,865.3	11,855.0	14.8	15.5	-140.79	400.8	-234.9	732.1	711.5	20.64	35.466		
12,000.0	11,968.0	11,964.8	11,954.4	14.9	15.6	-140.95	405.1	-236.8	741.9	721.1	20.84	35.604		
12,100.0	12,067.5	12,064.3	12,053.8	15.0	15.8	-141.10	409.4	-238.7	751.7	730.7	21.03	35.738		
12,200.0	12,167.0	12,164.8	12,154.2	15.1	15.8	-141.33	412.8	-240.5	761.5	740.3	21.19	35.938		
12,300.0	12,266.5	12,264.2	12,252.7	15.3	15.8	-142.69	400.7	-242.2	771.1	749.8	21.30	36.197		
12,392.1	12,358.1	12,346.3	12,330.7	15.4	15.9	-144.90	375.5	-243.4	781.0	759.5	21.52	36.297		
12,400.0	12,366.0	12,352.8	12,336.7	15.5	15.9	-153.52	372.9	-243.5	782.0	760.3	21.71	36.019		
12,425.0	12,390.9	12,373.3	12,355.3	15.5	15.9	170.88	364.3	-243.8	785.0	763.2	21.79	36.025		
12,450.0	12,415.8	12,393.4	12,373.2	15.5	15.9	138.67	355.1	-244.0	788.2	766.4	21.89	36.004		
12,475.0	12,440.6	12,413.3	12,390.4	15.5	15.9	120.12	345.3	-244.3	791.6	769.5	22.01	35.957		
12,500.0	12,465.3	12,432.9	12,407.0	15.5	15.9	109.66	334.9	-244.5	795.0	772.8	22.15	35.883		
12,525.0	12,489.8	12,452.2	12,423.0	15.5	15.9	103.07	323.9	-244.7	798.4	776.1	22.31	35.781		

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

10/28/2020 3:37:41PM

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COMPASS 5000.15 Build 91E

Concho Resources LLC

Anticollision Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well GREEN BERET FED COM #801H
Project:	BULLDOG PROSPECT (NM-E)	TVD Reference:	KB=26' @ 3307.5usft (MCVAY 8)
Reference Site:	GREEN BERET FEDERAL PROJECT (BULLDOG 2535)	MD Reference:	KB=26' @ 3307.5usft (MCVAY 8)
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	GREEN BERET FED COM #801H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	edm
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

Reference Depths are relative to KB=26' @ 3307.5usft (MCVAY 8)

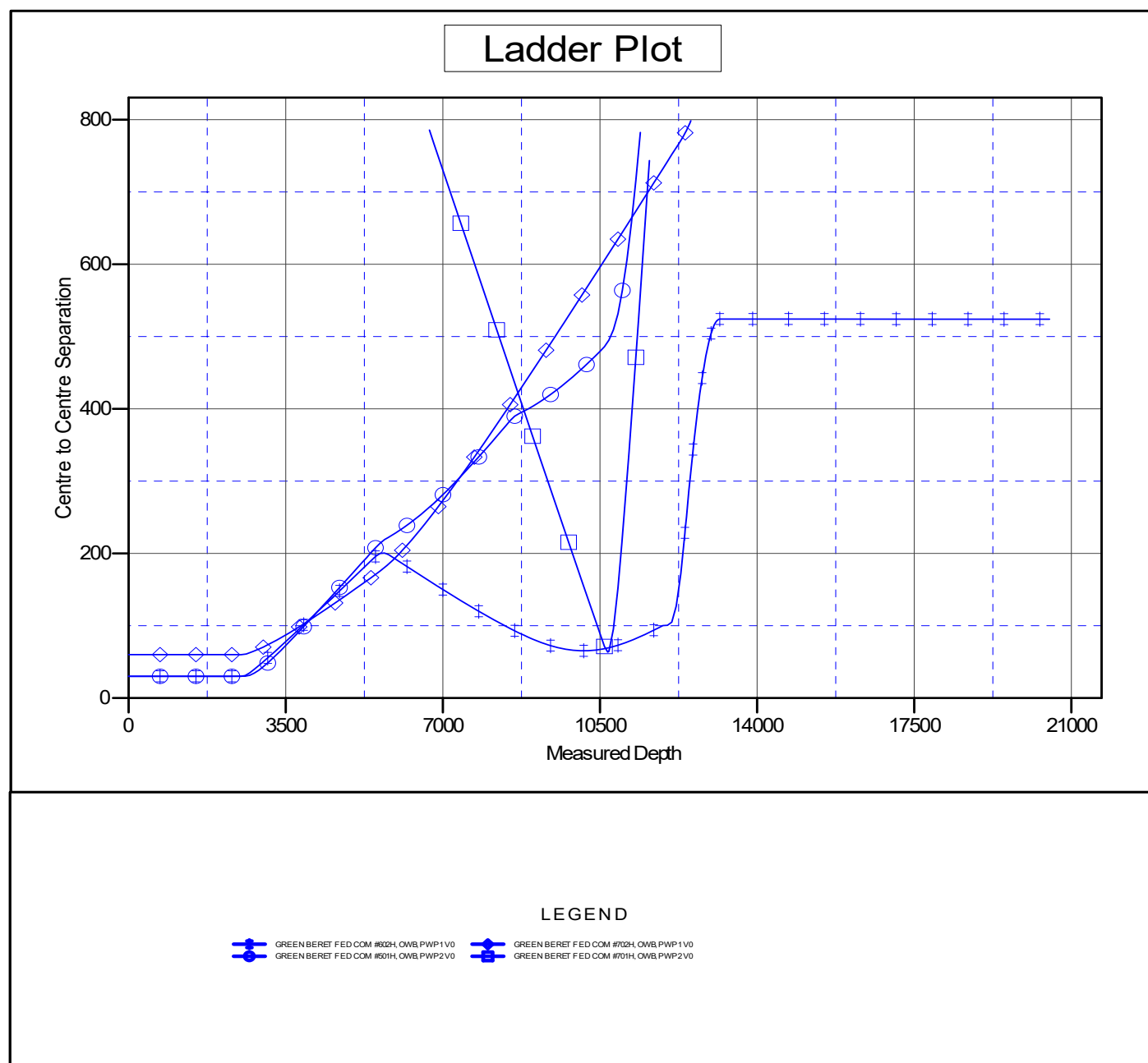
Offset Depths are relative to Offset Datum

Central Meridian is 104° 20' 0.000 W

Coordinates are relative to: GREEN BERET FED COM #801H

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

Grid Convergence at Surface is: 0.50°



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

Concho Resources LLC

Anticollision Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well GREEN BERET FED COM #801H
Project:	BULLDOG PROSPECT (NM-E)	TVD Reference:	KB=26' @ 3307.5usft (MCVAY 8)
Reference Site:	GREEN BERET FEDERAL PROJECT (BULLDOG 2535)	MD Reference:	KB=26' @ 3307.5usft (MCVAY 8)
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	GREEN BERET FED COM #801H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	edm
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

Reference Depths are relative to KB=26' @ 3307.5usft (MCVAY 8)

Offset Depths are relative to Offset Datum

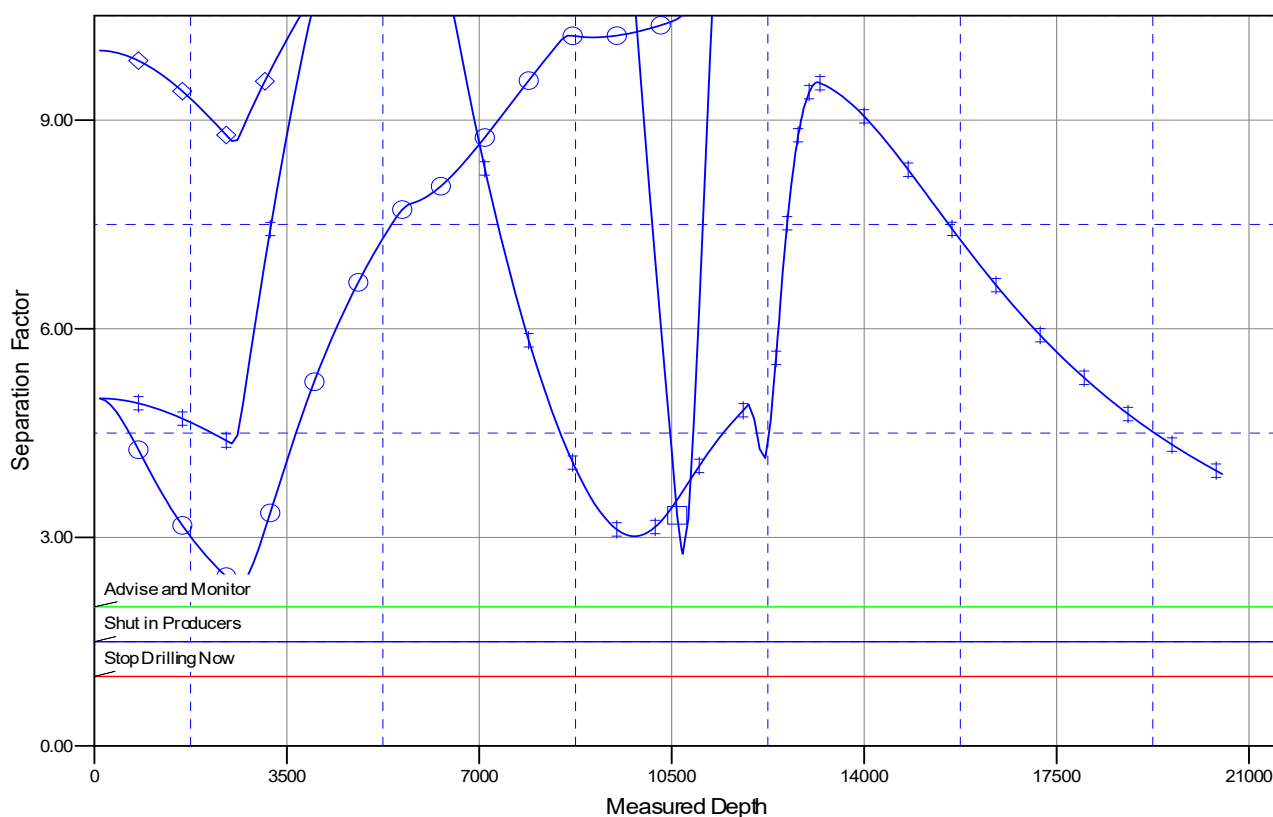
Central Meridian is 104° 20' 0.000 W

Coordinates are relative to: GREEN BERET FED COM #801H

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

Grid Convergence at Surface is: 0.50°

Separation Factor Plot



LEGEND

GREEN BERET FED COM #802H, OWB, PWP1 V0
 GREEN BERET FED COM #702H, OWB, PWP1 V0

GREEN BERET FED COM #801H, OWB, PWP2 V0
 GREEN BERET FED COM #701H, OWB, PWP2 V0

DELAWARE BASIN EAST

BULLDOG PROSPECT (NM-E)

GREEN BERET FEDERAL PROJECT (BULLDOG 2535)

GREEN BERET FED COM #801H

OWB

Plan: PWP2

Standard Survey Report

28 October, 2020

Concho Resources LLC

Survey Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well GREEN BERET FED COM #801H
Project:	BULLDOG PROSPECT (NM-E)	TVD Reference:	KB=26' @ 3307.5usft (MCVAY 8)
Site:	GREEN BERET FEDERAL PROJECT (BULLDOG 2535)	MD Reference:	KB=26' @ 3307.5usft (MCVAY 8)
Well:	GREEN BERET FED COM #801H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	PWP2	Database:	edm

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

Site	GREEN BERET FEDERAL PROJECT (BULLDOG 2535)		
Site Position:		Northing:	409,770.71 usft
From:	Map	Easting:	794,966.85 usft
Position Uncertainty:	3.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 7' 22.767 N
		Longitude:	103° 22' 50.003 W
		Grid Convergence:	0.51 °

Well	GREEN BERET FED COM #801H		
Well Position	+N/-S	0.0 usft	Northing:
	+E/-W	0.0 usft	Easting:
Position Uncertainty	3.0 usft	Wellhead Elevation:	usft
		Latitude:	32° 7' 18.229 N
		Longitude:	103° 23' 14.011 W
		Ground Level:	3,281.5 usft

Wellbore	OWB				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	10/28/2020	6.53	59.86	47,518.68615831

Design	PWP2				
Audit Notes:					
Version:	Phase:	PLAN	Tie On Depth:	0.0	
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.0	0.0	0.0	174.99	

Survey Tool Program	Date	10/28/2020			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
0.0	12,392.1	PWP2 (OWB)	Standard Keeper 104	Standard Wireline Keeper ver 1.0.4	
12,392.1	20,513.6	PWP2 (OWB)	MWD+IFR1+FDIR	OWSG MWD + IFR1 + FDIR Correction	

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

Concho Resources LLC

Survey Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well GREEN BERET FED COM #801H
Project:	BULLDOG PROSPECT (NM-E)	TVD Reference:	KB=26' @ 3307.5usft (MCVAY 8)
Site:	GREEN BERET FEDERAL PROJECT (BULLDOG 2535)	MD Reference:	KB=26' @ 3307.5usft (MCVAY 8)
Well:	GREEN BERET FED COM #801H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	PWP2	Database:	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)
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	0.00
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	0.00
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.0	0.00	0.00	0.00
1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.0	0.00	0.00	0.00
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.0	0.00	0.00	0.00
2,100.0	0.00	0.00	2,100.0	0.0	0.0	0.0	0.00	0.00	0.00
2,200.0	0.00	0.00	2,200.0	0.0	0.0	0.0	0.00	0.00	0.00
2,300.0	0.00	0.00	2,300.0	0.0	0.0	0.0	0.00	0.00	0.00
2,400.0	0.00	0.00	2,400.0	0.0	0.0	0.0	0.00	0.00	0.00
2,500.0	0.00	0.00	2,500.0	0.0	0.0	0.0	0.00	0.00	0.00
2,600.0	0.00	0.00	2,600.0	0.0	0.0	0.0	0.00	0.00	0.00
2,700.0	0.00	0.00	2,700.0	0.0	0.0	0.0	0.00	0.00	0.00
2,800.0	0.00	0.00	2,800.0	0.0	0.0	0.0	0.00	0.00	0.00
2,900.0	0.00	0.00	2,900.0	0.0	0.0	0.0	0.00	0.00	0.00
3,000.0	0.00	0.00	3,000.0	0.0	0.0	0.0	0.00	0.00	0.00
3,100.0	0.00	0.00	3,100.0	0.0	0.0	0.0	0.00	0.00	0.00
3,200.0	0.00	0.00	3,200.0	0.0	0.0	0.0	0.00	0.00	0.00
3,300.0	0.00	0.00	3,300.0	0.0	0.0	0.0	0.00	0.00	0.00
3,400.0	0.00	0.00	3,400.0	0.0	0.0	0.0	0.00	0.00	0.00
3,500.0	0.00	0.00	3,500.0	0.0	0.0	0.0	0.00	0.00	0.00
3,600.0	0.00	0.00	3,600.0	0.0	0.0	0.0	0.00	0.00	0.00
3,700.0	0.00	0.00	3,700.0	0.0	0.0	0.0	0.00	0.00	0.00
3,800.0	0.00	0.00	3,800.0	0.0	0.0	0.0	0.00	0.00	0.00
3,900.0	0.00	0.00	3,900.0	0.0	0.0	0.0	0.00	0.00	0.00
4,000.0	0.00	0.00	4,000.0	0.0	0.0	0.0	0.00	0.00	0.00
4,100.0	0.00	0.00	4,100.0	0.0	0.0	0.0	0.00	0.00	0.00
4,200.0	0.00	0.00	4,200.0	0.0	0.0	0.0	0.00	0.00	0.00
4,300.0	0.00	0.00	4,300.0	0.0	0.0	0.0	0.00	0.00	0.00
4,400.0	0.00	0.00	4,400.0	0.0	0.0	0.0	0.00	0.00	0.00
4,500.0	0.00	0.00	4,500.0	0.0	0.0	0.0	0.00	0.00	0.00
4,600.0	0.00	0.00	4,600.0	0.0	0.0	0.0	0.00	0.00	0.00
4,700.0	0.00	0.00	4,700.0	0.0	0.0	0.0	0.00	0.00	0.00
4,800.0	0.00	0.00	4,800.0	0.0	0.0	0.0	0.00	0.00	0.00
4,900.0	0.00	0.00	4,900.0	0.0	0.0	0.0	0.00	0.00	0.00
5,000.0	0.00	0.00	5,000.0	0.0	0.0	0.0	0.00	0.00	0.00

Concho Resources LLC

Survey Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well GREEN BERET FED COM #801H
Project:	BULLDOG PROSPECT (NM-E)	TVD Reference:	KB=26' @ 3307.5usft (MCVAY 8)
Site:	GREEN BERET FEDERAL PROJECT (BULLDOG 2535)	MD Reference:	KB=26' @ 3307.5usft (MCVAY 8)
Well:	GREEN BERET FED COM #801H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	PWP2	Database:	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)
5,100.0	0.00	0.00	5,100.0	0.0	0.0	0.0	0.00	0.00	0.00
5,200.0	0.00	0.00	5,200.0	0.0	0.0	0.0	0.00	0.00	0.00
5,300.0	0.00	0.00	5,300.0	0.0	0.0	0.0	0.00	0.00	0.00
5,400.0	0.00	0.00	5,400.0	0.0	0.0	0.0	0.00	0.00	0.00
5,500.0	0.00	0.00	5,500.0	0.0	0.0	0.0	0.00	0.00	0.00
Start Build 2.00									
5,600.0	2.00	52.18	5,600.0	1.1	1.4	-0.9	2.00	2.00	0.00
5,700.0	4.00	52.18	5,699.8	4.3	5.5	-3.8	2.00	2.00	0.00
5,788.5	5.77	52.18	5,788.1	8.9	11.5	-7.9	2.00	2.00	0.00
Start 6603.5 hold at 5788.5 MD									
5,800.0	5.77	52.18	5,799.5	9.6	12.4	-8.5	0.00	0.00	0.00
5,900.0	5.77	52.18	5,898.9	15.8	20.3	-13.9	0.00	0.00	0.00
6,000.0	5.77	52.18	5,998.4	21.9	28.3	-19.4	0.00	0.00	0.00
6,100.0	5.77	52.18	6,097.9	28.1	36.2	-24.8	0.00	0.00	0.00
6,200.0	5.77	52.18	6,197.4	34.3	44.2	-30.3	0.00	0.00	0.00
6,300.0	5.77	52.18	6,296.9	40.4	52.1	-35.7	0.00	0.00	0.00
6,400.0	5.77	52.18	6,396.4	46.6	60.0	-41.2	0.00	0.00	0.00
6,500.0	5.77	52.18	6,495.9	52.8	68.0	-46.6	0.00	0.00	0.00
6,600.0	5.77	52.18	6,595.4	58.9	75.9	-52.1	0.00	0.00	0.00
6,700.0	5.77	52.18	6,694.9	65.1	83.9	-57.5	0.00	0.00	0.00
6,800.0	5.77	52.18	6,794.4	71.3	91.8	-63.0	0.00	0.00	0.00
6,900.0	5.77	52.18	6,893.9	77.4	99.8	-68.4	0.00	0.00	0.00
7,000.0	5.77	52.18	6,993.4	83.6	107.7	-73.9	0.00	0.00	0.00
7,100.0	5.77	52.18	7,092.9	89.8	115.6	-79.3	0.00	0.00	0.00
7,200.0	5.77	52.18	7,192.4	95.9	123.6	-84.8	0.00	0.00	0.00
7,300.0	5.77	52.18	7,291.9	102.1	131.5	-90.2	0.00	0.00	0.00
7,400.0	5.77	52.18	7,391.3	108.2	139.5	-95.7	0.00	0.00	0.00
7,500.0	5.77	52.18	7,490.8	114.4	147.4	-101.1	0.00	0.00	0.00
7,600.0	5.77	52.18	7,590.3	120.6	155.4	-106.6	0.00	0.00	0.00
7,700.0	5.77	52.18	7,689.8	126.7	163.3	-112.0	0.00	0.00	0.00
7,800.0	5.77	52.18	7,789.3	132.9	171.2	-117.5	0.00	0.00	0.00
7,900.0	5.77	52.18	7,888.8	139.1	179.2	-122.9	0.00	0.00	0.00
8,000.0	5.77	52.18	7,988.3	145.2	187.1	-128.4	0.00	0.00	0.00
8,100.0	5.77	52.18	8,087.8	151.4	195.1	-133.8	0.00	0.00	0.00
8,200.0	5.77	52.18	8,187.3	157.6	203.0	-139.2	0.00	0.00	0.00
8,300.0	5.77	52.18	8,286.8	163.7	211.0	-144.7	0.00	0.00	0.00
8,400.0	5.77	52.18	8,386.3	169.9	218.9	-150.1	0.00	0.00	0.00
8,500.0	5.77	52.18	8,485.8	176.1	226.8	-155.6	0.00	0.00	0.00
8,600.0	5.77	52.18	8,585.3	182.2	234.8	-161.0	0.00	0.00	0.00
8,700.0	5.77	52.18	8,684.8	188.4	242.7	-166.5	0.00	0.00	0.00
8,800.0	5.77	52.18	8,784.3	194.6	250.7	-171.9	0.00	0.00	0.00
8,900.0	5.77	52.18	8,883.7	200.7	258.6	-177.4	0.00	0.00	0.00
9,000.0	5.77	52.18	8,983.2	206.9	266.6	-182.8	0.00	0.00	0.00

Concho Resources LLC

Survey Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well GREEN BERET FED COM #801H
Project:	BULLDOG PROSPECT (NM-E)	TVD Reference:	KB=26' @ 3307.5usft (MCVAY 8)
Site:	GREEN BERET FEDERAL PROJECT (BULLDOG 2535)	MD Reference:	KB=26' @ 3307.5usft (MCVAY 8)
Well:	GREEN BERET FED COM #801H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	PWP2	Database:	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)
9,100.0	5.77	52.18	9,082.7	213.0	274.5	-188.3	0.00	0.00	0.00
9,200.0	5.77	52.18	9,182.2	219.2	282.4	-193.7	0.00	0.00	0.00
9,300.0	5.77	52.18	9,281.7	225.4	290.4	-199.2	0.00	0.00	0.00
9,400.0	5.77	52.18	9,381.2	231.5	298.3	-204.6	0.00	0.00	0.00
9,500.0	5.77	52.18	9,480.7	237.7	306.3	-210.1	0.00	0.00	0.00
9,600.0	5.77	52.18	9,580.2	243.9	314.2	-215.5	0.00	0.00	0.00
9,700.0	5.77	52.18	9,679.7	250.0	322.2	-221.0	0.00	0.00	0.00
9,800.0	5.77	52.18	9,779.2	256.2	330.1	-226.4	0.00	0.00	0.00
9,900.0	5.77	52.18	9,878.7	262.4	338.1	-231.9	0.00	0.00	0.00
10,000.0	5.77	52.18	9,978.2	268.5	346.0	-237.3	0.00	0.00	0.00
10,100.0	5.77	52.18	10,077.7	274.7	353.9	-242.8	0.00	0.00	0.00
10,200.0	5.77	52.18	10,177.2	280.9	361.9	-248.2	0.00	0.00	0.00
10,300.0	5.77	52.18	10,276.6	287.0	369.8	-253.7	0.00	0.00	0.00
10,400.0	5.77	52.18	10,376.1	293.2	377.8	-259.1	0.00	0.00	0.00
10,500.0	5.77	52.18	10,475.6	299.4	385.7	-264.6	0.00	0.00	0.00
10,600.0	5.77	52.18	10,575.1	305.5	393.7	-270.0	0.00	0.00	0.00
10,700.0	5.77	52.18	10,674.6	311.7	401.6	-275.5	0.00	0.00	0.00
10,800.0	5.77	52.18	10,774.1	317.9	409.5	-280.9	0.00	0.00	0.00
10,900.0	5.77	52.18	10,873.6	324.0	417.5	-286.4	0.00	0.00	0.00
11,000.0	5.77	52.18	10,973.1	330.2	425.4	-291.8	0.00	0.00	0.00
11,100.0	5.77	52.18	11,072.6	336.3	433.4	-297.2	0.00	0.00	0.00
11,200.0	5.77	52.18	11,172.1	342.5	441.3	-302.7	0.00	0.00	0.00
11,300.0	5.77	52.18	11,271.6	348.7	449.3	-308.1	0.00	0.00	0.00
11,400.0	5.77	52.18	11,371.1	354.8	457.2	-313.6	0.00	0.00	0.00
11,500.0	5.77	52.18	11,470.6	361.0	465.1	-319.0	0.00	0.00	0.00
11,600.0	5.77	52.18	11,570.1	367.2	473.1	-324.5	0.00	0.00	0.00
11,700.0	5.77	52.18	11,669.6	373.3	481.0	-329.9	0.00	0.00	0.00
11,800.0	5.77	52.18	11,769.0	379.5	489.0	-335.4	0.00	0.00	0.00
11,900.0	5.77	52.18	11,868.5	385.7	496.9	-340.8	0.00	0.00	0.00
12,000.0	5.77	52.18	11,968.0	391.8	504.9	-346.3	0.00	0.00	0.00
12,100.0	5.77	52.18	12,067.5	398.0	512.8	-351.7	0.00	0.00	0.00
12,200.0	5.77	52.18	12,167.0	404.2	520.7	-357.2	0.00	0.00	0.00
12,300.0	5.77	52.18	12,266.5	410.3	528.7	-362.6	0.00	0.00	0.00
12,392.1	5.77	52.18	12,358.1	416.0	536.0	-367.6	0.00	0.00	0.00
Start DLS 12.00 TFO 127.17									
12,400.0	5.25	60.52	12,366.0	416.4	536.6	-368.0	12.00	-6.56	104.87
12,500.0	10.51	153.82	12,465.3	410.5	544.7	-361.4	12.00	5.26	93.30
12,600.0	21.92	167.98	12,561.2	383.9	552.6	-334.2	12.00	11.42	14.16
12,700.0	33.74	172.58	12,649.5	338.0	560.1	-287.8	12.00	11.81	4.61
12,800.0	45.64	174.99	12,726.3	274.6	566.8	-224.1	12.00	11.90	2.40
12,900.0	57.58	176.57	12,788.3	196.6	572.5	-145.9	12.00	11.94	1.58
13,000.0	69.53	177.78	12,832.8	107.3	576.9	-56.6	12.00	11.95	1.21
13,100.0	81.49	178.81	12,857.8	10.7	579.7	39.9	12.00	11.96	1.03

Concho Resources LLC

Survey Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well GREEN BERET FED COM #801H
Project:	BULLDOG PROSPECT (NM-E)	TVD Reference:	KB=26' @ 3307.5usft (MCVAY 8)
Site:	GREEN BERET FEDERAL PROJECT (BULLDOG 2535)	MD Reference:	KB=26' @ 3307.5usft (MCVAY 8)
Well:	GREEN BERET FED COM #801H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	PWP2	Database:	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)
13,168.6	89.69	179.47	12,863.0	-57.6	580.7	108.1	12.00	11.96	0.97
Start 7345.0 hold at 13168.6 MD									
13,200.0	89.69	179.47	12,863.2	-89.0	581.0	139.4	0.00	0.00	0.00
13,300.0	89.69	179.47	12,863.7	-189.0	582.0	239.1	0.00	0.00	0.00
13,400.0	89.69	179.47	12,864.3	-289.0	582.9	338.8	0.00	0.00	0.00
13,500.0	89.69	179.47	12,864.8	-389.0	583.8	438.5	0.00	0.00	0.00
13,600.0	89.69	179.47	12,865.4	-489.0	584.7	538.2	0.00	0.00	0.00
13,700.0	89.69	179.47	12,865.9	-589.0	585.6	637.9	0.00	0.00	0.00
13,800.0	89.69	179.47	12,866.5	-689.0	586.6	737.5	0.00	0.00	0.00
13,900.0	89.69	179.47	12,867.0	-789.0	587.5	837.2	0.00	0.00	0.00
14,000.0	89.69	179.47	12,867.6	-889.0	588.4	936.9	0.00	0.00	0.00
14,100.0	89.69	179.47	12,868.1	-989.0	589.3	1,036.6	0.00	0.00	0.00
14,200.0	89.69	179.47	12,868.6	-1,089.0	590.2	1,136.3	0.00	0.00	0.00
14,300.0	89.69	179.47	12,869.2	-1,189.0	591.2	1,236.0	0.00	0.00	0.00
14,400.0	89.69	179.47	12,869.7	-1,289.0	592.1	1,335.7	0.00	0.00	0.00
14,500.0	89.69	179.47	12,870.3	-1,389.0	593.0	1,435.4	0.00	0.00	0.00
14,600.0	89.69	179.47	12,870.8	-1,488.9	593.9	1,535.1	0.00	0.00	0.00
14,700.0	89.69	179.47	12,871.4	-1,588.9	594.8	1,634.8	0.00	0.00	0.00
14,800.0	89.69	179.47	12,871.9	-1,688.9	595.8	1,734.5	0.00	0.00	0.00
14,900.0	89.69	179.47	12,872.5	-1,788.9	596.7	1,834.2	0.00	0.00	0.00
15,000.0	89.69	179.47	12,873.0	-1,888.9	597.6	1,933.9	0.00	0.00	0.00
15,100.0	89.69	179.47	12,873.5	-1,988.9	598.5	2,033.6	0.00	0.00	0.00
15,200.0	89.69	179.47	12,874.1	-2,088.9	599.5	2,133.3	0.00	0.00	0.00
15,300.0	89.69	179.47	12,874.6	-2,188.9	600.4	2,232.9	0.00	0.00	0.00
15,400.0	89.69	179.47	12,875.2	-2,288.9	601.3	2,332.6	0.00	0.00	0.00
15,500.0	89.69	179.47	12,875.7	-2,388.9	602.2	2,432.3	0.00	0.00	0.00
15,600.0	89.69	179.47	12,876.3	-2,488.9	603.1	2,532.0	0.00	0.00	0.00
15,700.0	89.69	179.47	12,876.8	-2,588.9	604.1	2,631.7	0.00	0.00	0.00
15,800.0	89.69	179.47	12,877.3	-2,688.9	605.0	2,731.4	0.00	0.00	0.00
15,900.0	89.69	179.47	12,877.9	-2,788.9	605.9	2,831.1	0.00	0.00	0.00
16,000.0	89.69	179.47	12,878.4	-2,888.9	606.8	2,930.8	0.00	0.00	0.00
16,100.0	89.69	179.47	12,879.0	-2,988.9	607.7	3,030.5	0.00	0.00	0.00
16,200.0	89.69	179.47	12,879.5	-3,088.9	608.7	3,130.2	0.00	0.00	0.00
16,300.0	89.69	179.47	12,880.1	-3,188.9	609.6	3,229.9	0.00	0.00	0.00
16,400.0	89.69	179.47	12,880.6	-3,288.8	610.5	3,329.6	0.00	0.00	0.00
16,500.0	89.69	179.47	12,881.2	-3,388.8	611.4	3,429.3	0.00	0.00	0.00
16,600.0	89.69	179.47	12,881.7	-3,488.8	612.4	3,529.0	0.00	0.00	0.00
16,700.0	89.69	179.47	12,882.2	-3,588.8	613.3	3,628.7	0.00	0.00	0.00
16,800.0	89.69	179.47	12,882.8	-3,688.8	614.2	3,728.3	0.00	0.00	0.00
16,900.0	89.69	179.47	12,883.3	-3,788.8	615.1	3,828.0	0.00	0.00	0.00
17,000.0	89.69	179.47	12,883.9	-3,888.8	616.0	3,927.7	0.00	0.00	0.00
17,100.0	89.69	179.47	12,884.4	-3,988.8	617.0	4,027.4	0.00	0.00	0.00

Concho Resources LLC

Survey Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well GREEN BERET FED COM #801H
Project:	BULLDOG PROSPECT (NM-E)	TVD Reference:	KB=26' @ 3307.5usft (MCVAY 8)
Site:	GREEN BERET FEDERAL PROJECT (BULLDOG 2535)	MD Reference:	KB=26' @ 3307.5usft (MCVAY 8)
Well:	GREEN BERET FED COM #801H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	PWP2	Database:	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)
17,200.0	89.69	179.47	12,885.0	-4,088.8	617.9	4,127.1	0.00	0.00	0.00
17,300.0	89.69	179.47	12,885.5	-4,188.8	618.8	4,226.8	0.00	0.00	0.00
17,400.0	89.69	179.47	12,886.1	-4,288.8	619.7	4,326.5	0.00	0.00	0.00
17,500.0	89.69	179.47	12,886.6	-4,388.8	620.6	4,426.2	0.00	0.00	0.00
17,600.0	89.69	179.47	12,887.1	-4,488.8	621.6	4,525.9	0.00	0.00	0.00
17,700.0	89.69	179.47	12,887.7	-4,588.8	622.5	4,625.6	0.00	0.00	0.00
17,800.0	89.69	179.47	12,888.2	-4,688.8	623.4	4,725.3	0.00	0.00	0.00
17,900.0	89.69	179.47	12,888.8	-4,788.8	624.3	4,825.0	0.00	0.00	0.00
18,000.0	89.69	179.47	12,889.3	-4,888.8	625.2	4,924.7	0.00	0.00	0.00
18,100.0	89.69	179.47	12,889.9	-4,988.7	626.2	5,024.4	0.00	0.00	0.00
18,200.0	89.69	179.47	12,890.4	-5,088.7	627.1	5,124.1	0.00	0.00	0.00
18,300.0	89.69	179.47	12,891.0	-5,188.7	628.0	5,223.7	0.00	0.00	0.00
18,400.0	89.69	179.47	12,891.5	-5,288.7	628.9	5,323.4	0.00	0.00	0.00
18,500.0	89.69	179.47	12,892.0	-5,388.7	629.9	5,423.1	0.00	0.00	0.00
18,600.0	89.69	179.47	12,892.6	-5,488.7	630.8	5,522.8	0.00	0.00	0.00
18,700.0	89.69	179.47	12,893.1	-5,588.7	631.7	5,622.5	0.00	0.00	0.00
18,800.0	89.69	179.47	12,893.7	-5,688.7	632.6	5,722.2	0.00	0.00	0.00
18,900.0	89.69	179.47	12,894.2	-5,788.7	633.5	5,821.9	0.00	0.00	0.00
19,000.0	89.69	179.47	12,894.8	-5,888.7	634.5	5,921.6	0.00	0.00	0.00
19,100.0	89.69	179.47	12,895.3	-5,988.7	635.4	6,021.3	0.00	0.00	0.00
19,200.0	89.69	179.47	12,895.9	-6,088.7	636.3	6,121.0	0.00	0.00	0.00
19,300.0	89.69	179.47	12,896.4	-6,188.7	637.2	6,220.7	0.00	0.00	0.00
19,400.0	89.69	179.47	12,896.9	-6,288.7	638.1	6,320.4	0.00	0.00	0.00
19,500.0	89.69	179.47	12,897.5	-6,388.7	639.1	6,420.1	0.00	0.00	0.00
19,600.0	89.69	179.47	12,898.0	-6,488.7	640.0	6,519.8	0.00	0.00	0.00
19,700.0	89.69	179.47	12,898.6	-6,588.7	640.9	6,619.5	0.00	0.00	0.00
19,800.0	89.69	179.47	12,899.1	-6,688.7	641.8	6,719.1	0.00	0.00	0.00
19,900.0	89.69	179.47	12,899.7	-6,788.6	642.7	6,818.8	0.00	0.00	0.00
20,000.0	89.69	179.47	12,900.2	-6,888.6	643.7	6,918.5	0.00	0.00	0.00
20,100.0	89.69	179.47	12,900.7	-6,988.6	644.6	7,018.2	0.00	0.00	0.00
20,200.0	89.69	179.47	12,901.3	-7,088.6	645.5	7,117.9	0.00	0.00	0.00
20,300.0	89.69	179.47	12,901.8	-7,188.6	646.4	7,217.6	0.00	0.00	0.00
20,400.0	89.69	179.47	12,902.4	-7,288.6	647.4	7,317.3	0.00	0.00	0.00
20,500.0	89.69	179.47	12,902.9	-7,388.6	648.3	7,417.0	0.00	0.00	0.00
20,513.6	89.69	179.47	12,903.0	-7,402.2	648.4	7,430.5	0.00	0.00	0.00
TD at 20513.6									

Concho Resources LLC

Survey Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well GREEN BERET FED COM #801H
Project:	BULLDOG PROSPECT (NM-E)	TVD Reference:	KB=26' @ 3307.5usft (MCVAY 8)
Site:	GREEN BERET FEDERAL PROJECT (BULLDOG 2535)	MD Reference:	KB=26' @ 3307.5usft (MCVAY 8)
Well:	GREEN BERET FED COM #801H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	PWP2	Database:	edm

Design Targets

Target Name

- hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
FTP (GREEN BERET - plan misses target center by 164.4usft at 12812.2usft MD (12734.7 TVD, 265.8 N, 567.6 E) - Circle (radius 50.0)	0.00	0.00	12,863.0	368.3	576.6	409,662.20	793,482.80	32° 7' 21.823 N	103° 23' 7.269 W
LTP (GREEN BERET - plan misses target center by 0.3usft at 20463.6usft MD (12902.7 TVD, -7352.2 N, 647.9 E) - Point	0.00	0.00	12,903.0	-7,352.2	648.0	401,941.70	793,554.20	32° 6' 5.421 N	103° 23' 7.228 W
PBHL (GREEN BERE - plan hits target center - Rectangle (sides W100.0 H7,771.3 D20.0)	-0.31	359.47	12,903.0	-7,402.2	648.4	401,891.70	793,554.60	32° 6' 4.926 N	103° 23' 7.229 W

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
+N/-S (usft)	+E/-W (usft)			
5500	5500	0	0	Start Build 2.00
5789	5788	9	11	Start 6603.5 hold at 5788.5 MD
12,392	12,358	416	536	Start DLS 12.00 TFO 127.17
13,169	12,863	-58	581	Start 7345.0 hold at 13168.6 MD
20,514	12,903	-7402	648	TD at 20513.6

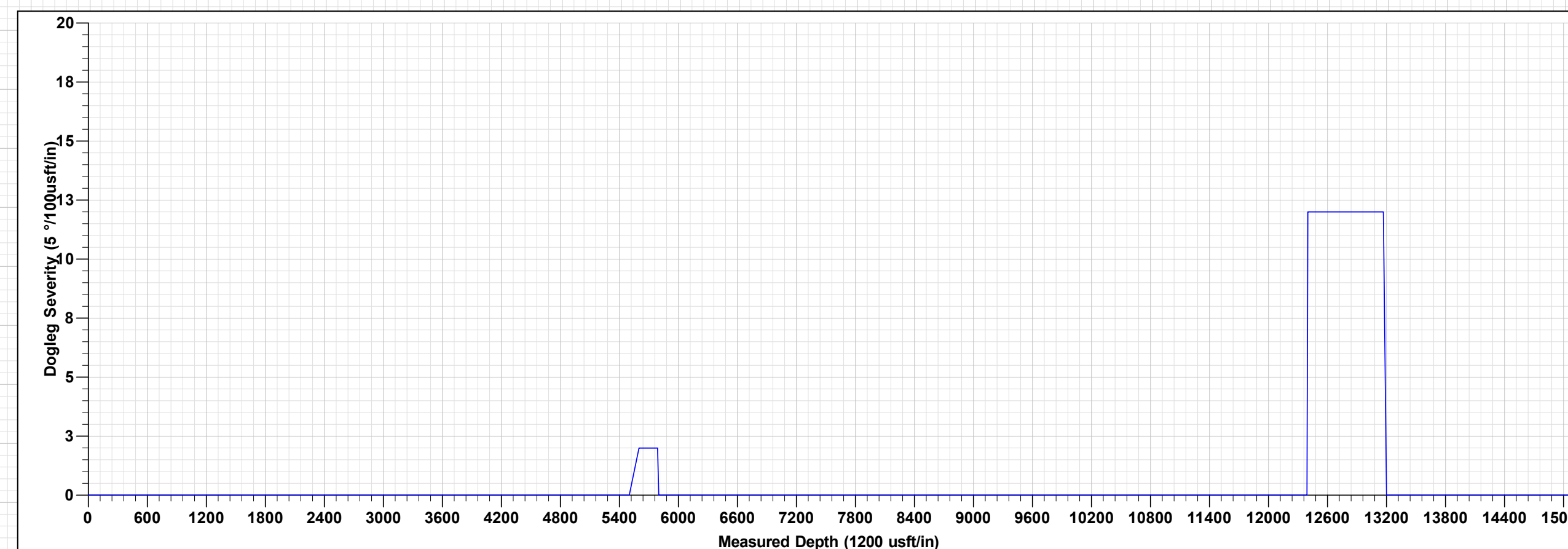
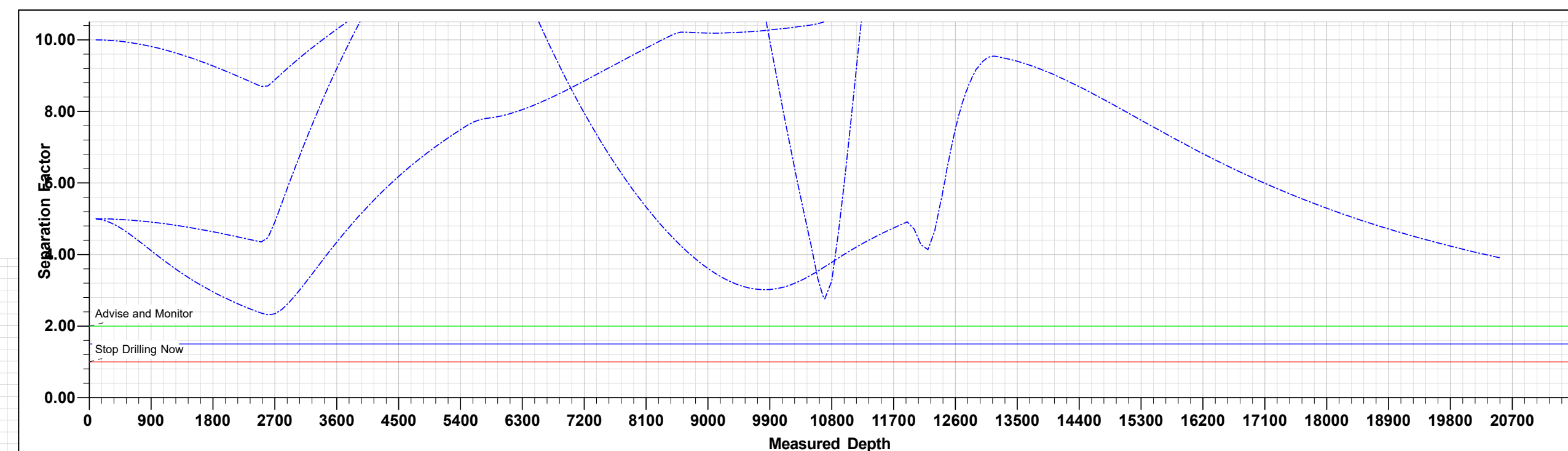
Checked By: _____ Approved By: _____ Date: _____



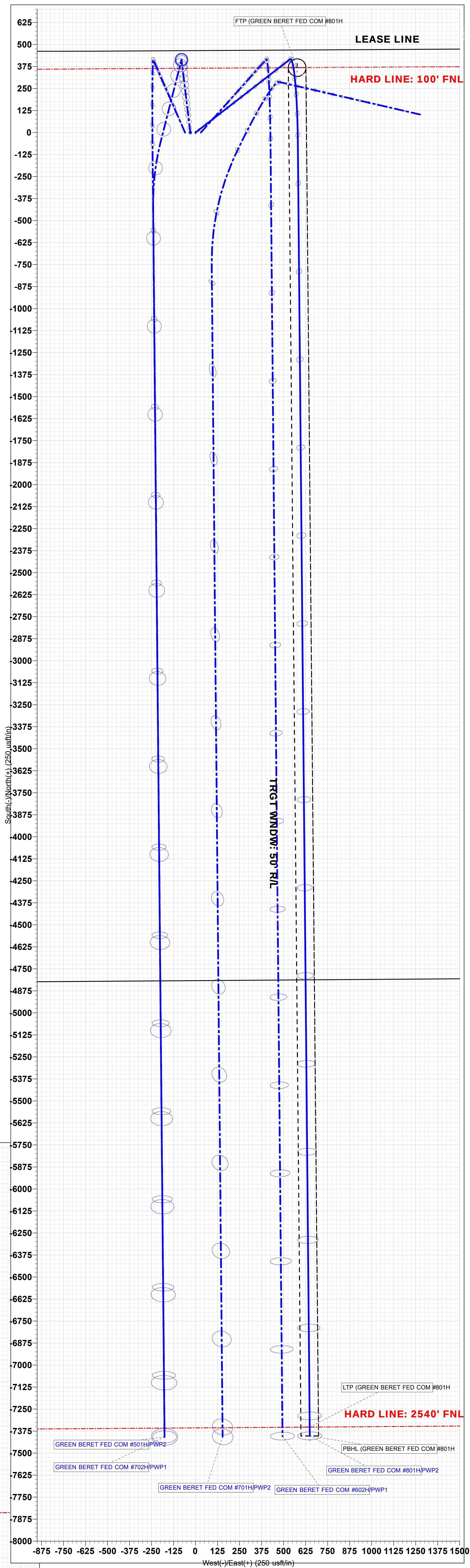
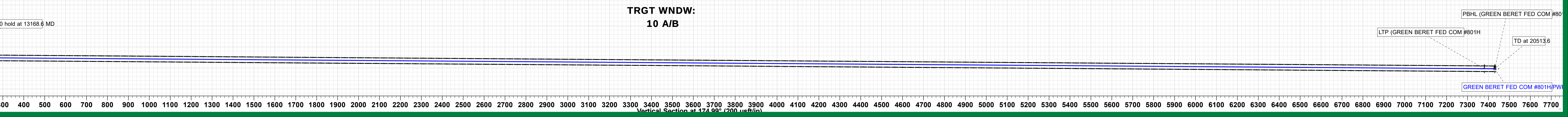
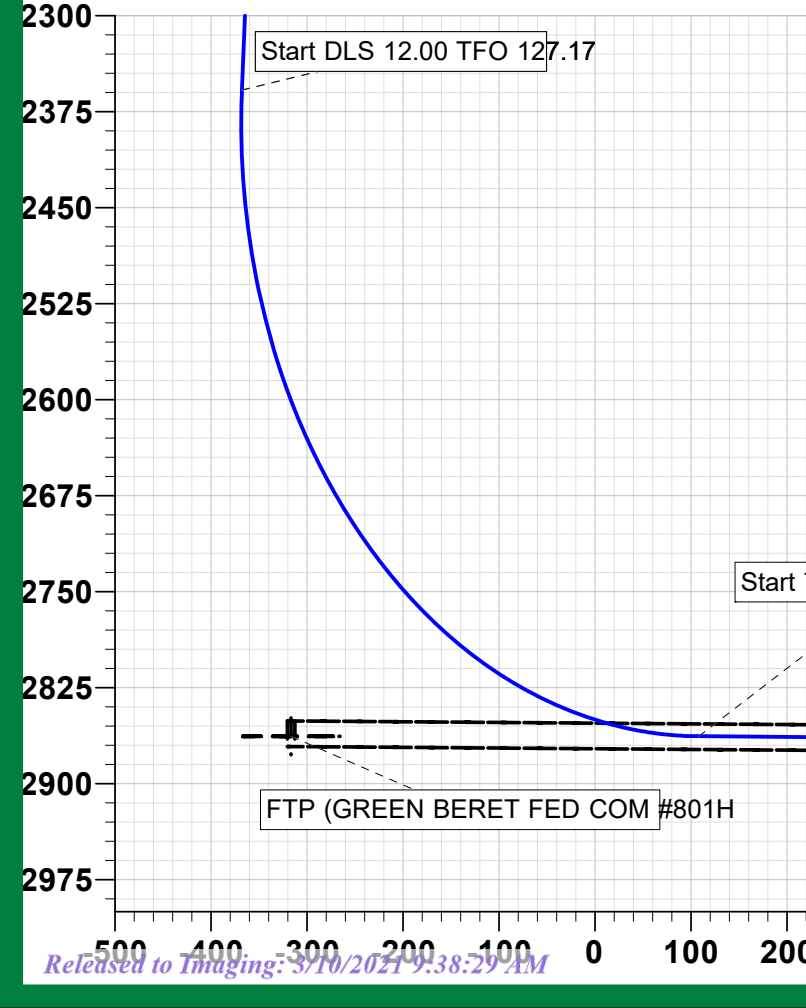
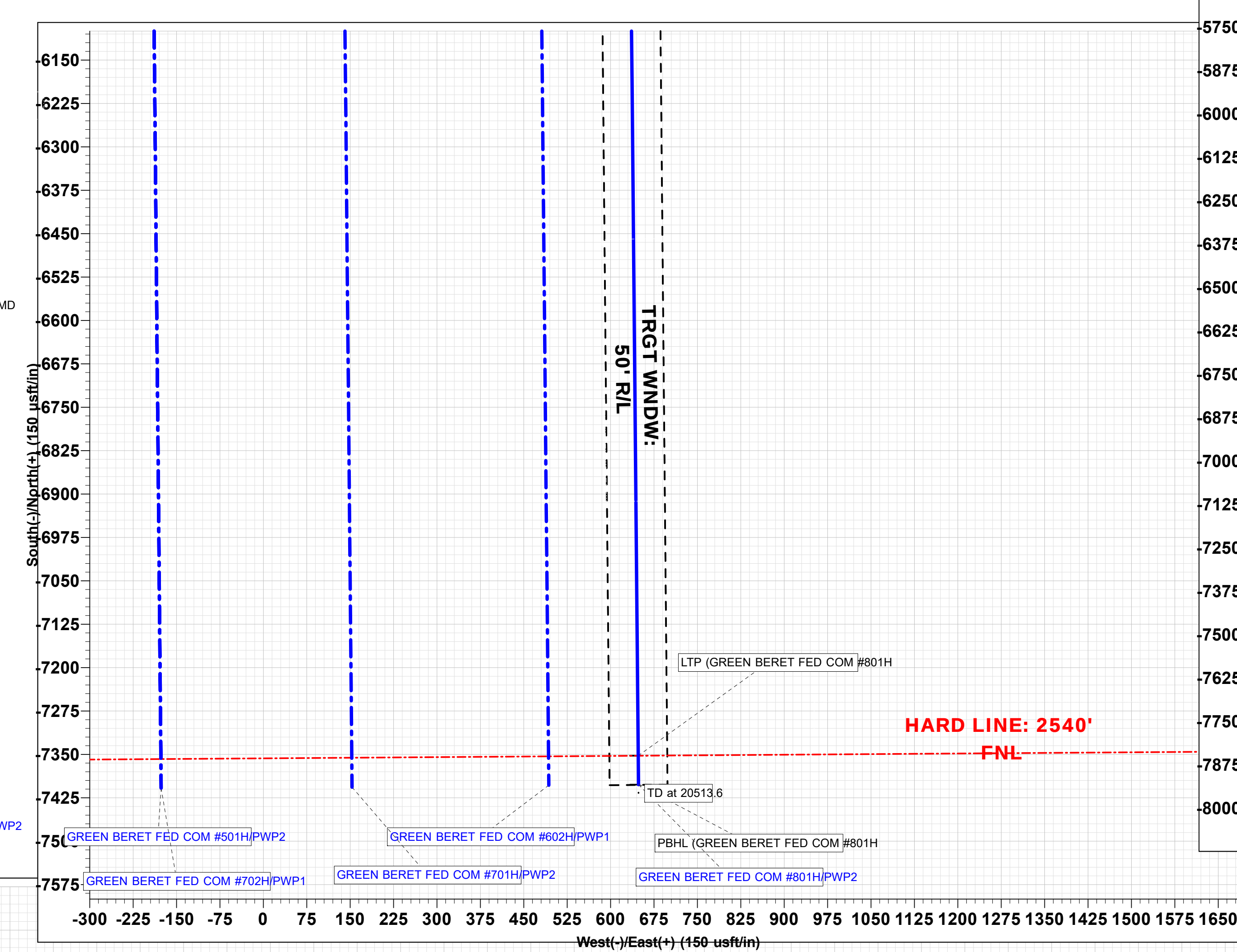
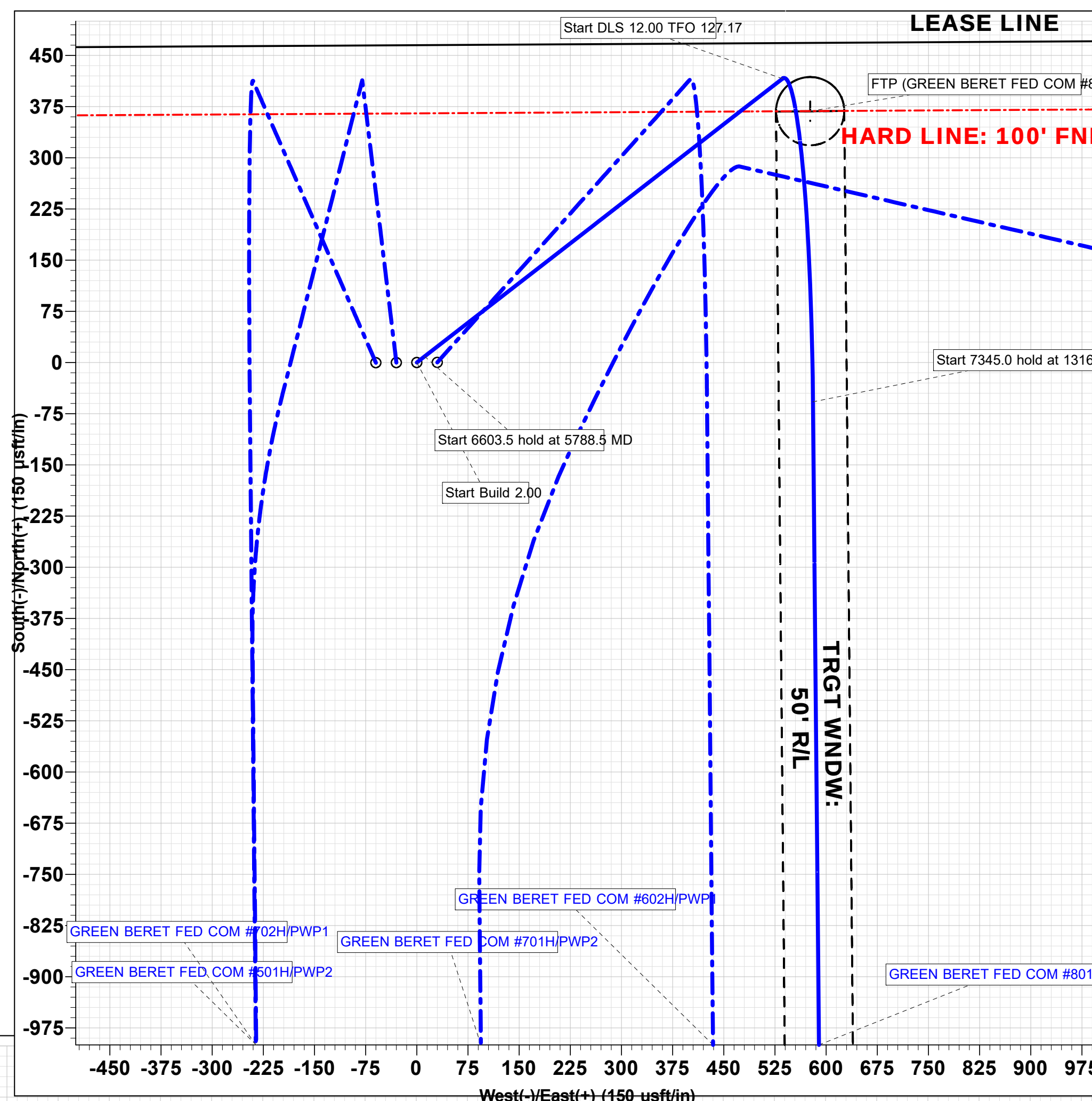
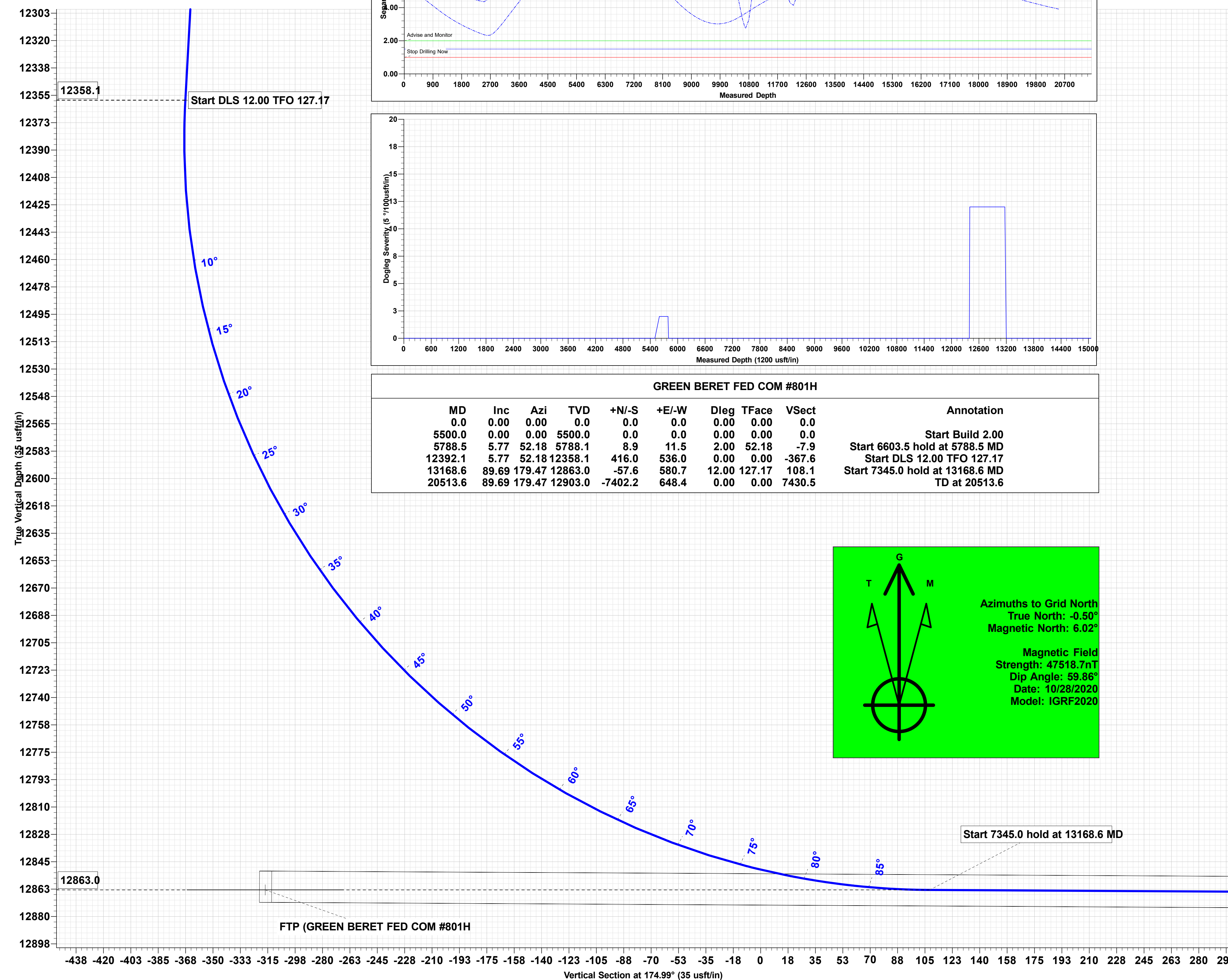
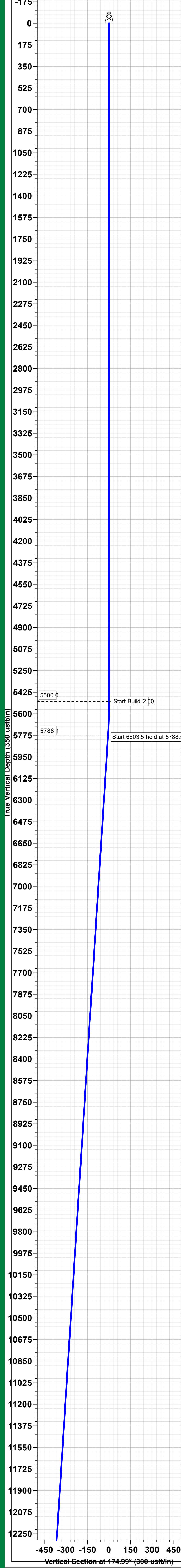
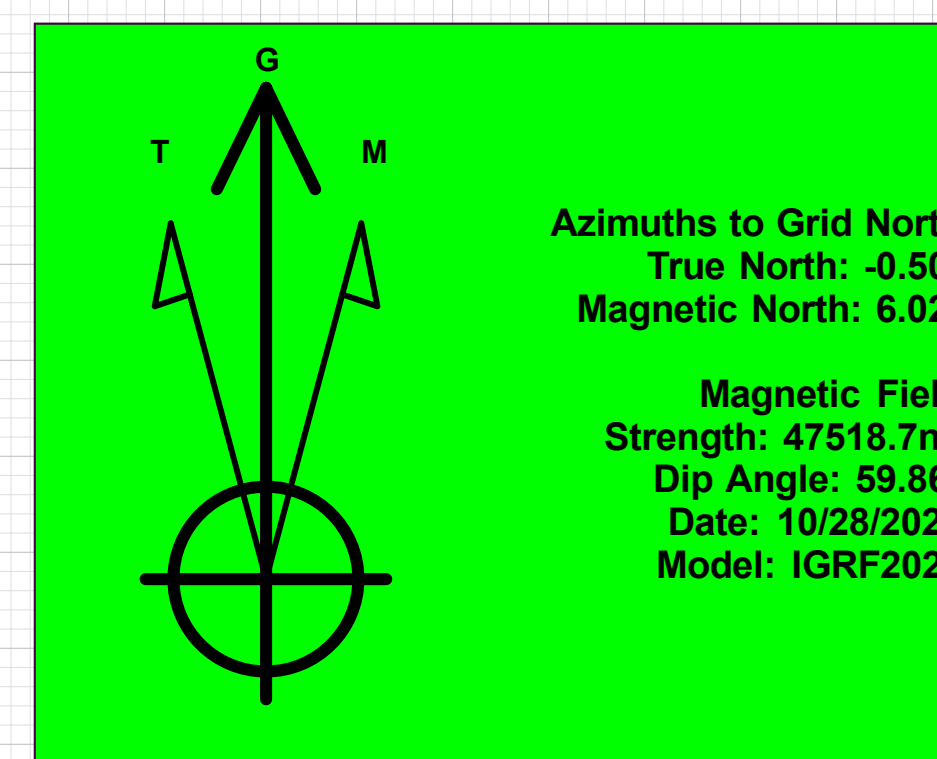
Project: BULLDOG PROSPECT (NM-E)
Site: GREEN BERET FEDERAL PROJECT (BULLDOG 2535)
Well: GREEN BERET FED COM #801H
Wellbore: OWS
Design: PWP2
GL: 3281.5
KB=26' @ 3307.5usft (MCVAY 8)

WELL DETAILS: GREEN BERET FED COM #801H				
+N/-S	+E/-W	Northing	Easting	Latitude Longitude
0.0	0.0	409293.90	792906.20	32° 7' 16.229 N 103° 23' 14.011 W

DESIGN TARGET DETAILS						
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude Longitude
FTP (GREEN BERET FED COM #801H)	12863.0	368.3	576.6	409662.20	793482.80	32° 7' 21.823 N 103° 23' 7.269 W
LTP (GREEN BERET FED COM #801H)	12903.0	-7352.2	648.0	401941.70	793554.20	32° 6' 5.421 N 103° 23' 7.228 W
PBHL (GREEN BERET FED COM #801H)	12903.0	-7402.2	648.4	401891.70	793554.60	32° 6' 4.926 N 103° 23' 7.229 W



GREEN BERET FED COM #801H									
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	
5500.0	0.00	0.00	5500.0	0.0	0.0	0.00	0.00	0.0	Start Build 2.00
5788.5	5.77	52.18	5788.1	8.9	11.5	2.00	52.18	-7.9	Start 6603.5 hold at 5788.5 MD
12392.1	5.77	52.18	12358.1	416.0	536.0	0.00	0.00	-367.6	Start DLS 12.00 TFO 127.17
13168.6	89.69	179.47	12863.0	-57.6	580.7	12.00	127.17	108.1	Start 7345.0 hold at 13168.6 MD
20513.6	89.69	179.47	12903.0	-7402.2	648.4	0.00	0.00	7430.5	TD at 20513.6



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 20225

COMMENTS

Operator:	COG OPERATING LLC	600 W Illinois Ave	Midland, TX79701	OGRID:	229137	Action Number:	20225	Action Type:	C-103A
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Created By	Comment	Comment Date
jagarcia	Accepted for Record	03/10/2021

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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 20225

CONDITIONS OF APPROVAL

Operator:	COG OPERATING LLC	600 W Illinois Ave	Midland, TX79701	OGRID:	229137	Action Number:	20225	Action Type:	C-103A
OCD Reviewer	Condition								
jagarcia	None								