

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

5. Lease Serial No.

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☐ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

3a. Address

3b. Phone No. (include area code)

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

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

8. Well Name and No.

9. API Well No.

10. Field and Pool or Exploratory Area

11. Country or Parish, State

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

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

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

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

Title

Signature

Date

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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

Office

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

(Instructions on page 2)

Additional Information

Location of Well

0. SHL: NWN / 465 FNL / 2125 FEL / TWSP: 25S / RANGE: 35E / SECTION: 20 / LAT: 32.121857 / LONG: -103.387884 (TVD: 0 feet, MD: 0 feet)

PPP: NWN / 100 FNL / 2310 FEL / TWSP: 25S / RANGE: 35E / SECTION: 20 / LAT: 32.122862 / LONG: -103.388482 (TVD: 12502 feet, MD: 12559 feet)

PPP: SWNE / 1321 FNL / 2310 FEL / TWSP: 25S / RANGE: 35E / SECTION: 20 / LAT: 32.119501 / LONG: -103.388482 (TVD: 12627 feet, MD: 13780 feet)

BHL: SWNE / 2590 FNL / 2310 FEL / TWSP: 25S / RANGE: 35E / SECTION: 29 / LAT: 32.101498 / LONG: -103.388469 (TVD: 12663 feet, MD: 20249 feet)

CONFIDENTIAL

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

DISTRICT II
811 S. FIRST ST., ARTESIA, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

DISTRICT III
1000 RIO BRAZOS RD., AZTEC, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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

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

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-47822	Pool Code 17980	Pool Name Dogie Draw; Wolfcamp
Property Code 329742	Property Name GREEN BERET FEDERAL COM	Well Number 702H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3282.4'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	20	25-S	35-E		465	NORTH	2125	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	2470	EAST	LEA
Dedicated Acres 480	Joint or Infill	Consolidation Code	Order No.						

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

NAD 83 NME <u>SURFACE LOCATION</u> Y=409351.7 N X=834033.0 E LAT.=32.121857° N LONG.=103.387884° W <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <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=401942.7 N X=833756.8 E LAT.=32.101499° N LONG.=103.388986° 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	FTP 100' FNL & 2470' FEL Y=409714.8 N X=833684.6 E LAT.=32.122863° N LONG.=103.388999° W GRID AZ. TO FTP 316°10'46" LEASE X-ING LAT.=32.119502° N LONG.=103.388997° W LEASE X-ING LAT.=32.115874° N LONG.=103.388995° W LEASE X-ING LAT.=32.108618° N LONG.=103.388990° W SECTION 20 SECTION 29 LTP 2540' FNL & 2470' FEL Y=401992.7 N X=833756.3 E LAT.=32.101637° N LONG.=103.388986° W B.H.	OPERATOR CERTIFICATION <i>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> <i>Stan Wagner</i> 11/8/21 Signature Date Stan Wagner Printed Name E-mail Address SURVEYOR CERTIFICATION <i>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.</i> JANUARY 22, 2020 Date of Survey Signature & Seal of Professional Surveyor <i>Chad Harcrow</i> 10/21/21 Certificate No. CHAD HARCROW 17777 W.O. # 21-891 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															

DELAWARE BASIN EAST
BULLDOG PROSPECT (NM-E)
GREEN BERET FEDERAL PROJECT (BULLDOG
2535)
GREEN BERET FED COM #702H

OWB
PWP1

Anticollision Report

25 October, 2021

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well GREEN BERET FED COM #702H
Project:	BULLDOG PROSPECT (NM-E)	TVD Reference:	KB=30' @ 3312.4usft (SCAN QUEST)
Reference Site:	GREEN BERET FEDERAL PROJECT (BULLDOG 2535)	MD Reference:	KB=30' @ 3312.4usft (SCAN QUEST)
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	GREEN BERET FED COM #702H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 15 Central Prod
Reference Design:	PWP1	Offset TVD Reference:	Offset Datum

Reference	PWP1		
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 centre distance of 1,000.0usft	Error Surface:	Pedal Curve
Warning Levels Evaluated at:	2.00 Sigma	Casing Method:	Not applied

Survey Tool Program	Date	10/25/2021		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
0.0	20,480.6	PWP1 (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 - PWP1	2,500.0	2,498.6	30.0	17.3	2.366	CC, ES, SF
GREEN BERET FED COM #602H - OWB - PWP1	2,500.0	2,497.8	90.0	77.3	7.099	CC, ES, SF
GREEN BERET FED COM #801H - OWB - PWP1	2,500.0	2,495.1	60.0	47.3	4.733	CC, ES, SF

TD 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 - PWP1	20,481.0	20,193.9	563.6	420.9	3.951	
GREEN BERET FED COM #602H - OWB - PWP1	20,481.0	20,302.2				Out of Range @TD
GREEN BERET FED COM #801H - OWB - PWP1	20,481.0	19,988.6				Out of Range @TD

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well GREEN BERET FED COM #702H
Project:	BULLDOG PROSPECT (NM-E)	TVD Reference:	KB=30' @ 3312.4usft (SCAN QUEST)
Reference Site:	GREEN BERET FEDERAL PROJECT (BULLDOG 2535)	MD Reference:	KB=30' @ 3312.4usft (SCAN QUEST)
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	GREEN BERET FED COM #702H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 15 Central Prod
Reference Design:	PWP1	Offset TVD Reference:	Offset Datum

Offset Design: GREEN BERET FEDERAL PROJECT (BULLDOG 2535) - GREEN BERET FED COM #501H - OWB - PWP1													Offset Site Error:	3.0 usft
Survey Program: 0-Standard Keeper 104, 12129-MWD+IFR1+FDIR													Offset Well Error:	3.0 usft
Reference	Offset	Semi Major Axis		Highside		Offset Wellbore Centre		Rule Assigned:		Distance		Minimum	Separation	Warning
Measured	Vertical	Measured	Vertical	Reference	Offset	Toolface	+N/-S	+E/-W	Between	Between	Centres	Ellipses	Separation	Factor
Depth	Depth	Depth	Depth	(usft)	(usft)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	
(usft)	(usft)	(usft)	(usft)											
0.0	0.0	0.0	0.0	3.0	3.0	89.62	0.2	30.0	30.0					
100.0	100.0	98.6	98.6	3.0	3.0	89.62	0.2	30.0	30.0	24.0	6.00	4.998		
200.0	200.0	198.6	198.6	3.0	3.0	89.62	0.2	30.0	30.0	24.0	6.04	4.967		
300.0	300.0	298.6	298.6	3.1	3.0	89.62	0.2	30.0	30.0	23.9	6.12	4.902		
400.0	400.0	398.6	398.6	3.2	3.0	89.62	0.2	30.0	30.0	23.8	6.24	4.807		
500.0	500.0	498.6	498.6	3.4	3.1	89.62	0.2	30.0	30.0	23.6	6.40	4.690		
600.0	600.0	598.6	598.6	3.6	3.1	89.62	0.2	30.0	30.0	23.4	6.58	4.557		
700.0	700.0	698.6	698.6	3.8	3.1	89.62	0.2	30.0	30.0	23.2	6.80	4.413		
800.0	800.0	798.6	798.6	4.0	3.2	89.62	0.2	30.0	30.0	23.0	7.04	4.264		
900.0	900.0	898.6	898.6	4.2	3.2	89.62	0.2	30.0	30.0	22.7	7.29	4.113		
1,000.0	1,000.0	998.6	998.6	4.5	3.2	89.62	0.2	30.0	30.0	22.4	7.57	3.964		
1,100.0	1,100.0	1,098.6	1,098.6	4.8	3.3	89.62	0.2	30.0	30.0	22.1	7.86	3.818		
1,200.0	1,200.0	1,198.6	1,198.6	5.1	3.4	89.62	0.2	30.0	30.0	21.8	8.16	3.678		
1,300.0	1,300.0	1,298.6	1,298.6	5.3	3.4	89.62	0.2	30.0	30.0	21.5	8.47	3.542		
1,400.0	1,400.0	1,398.6	1,398.6	5.6	3.5	89.62	0.2	30.0	30.0	21.2	8.79	3.413		
1,500.0	1,500.0	1,498.6	1,498.6	6.0	3.5	89.62	0.2	30.0	30.0	20.9	9.12	3.290		
1,600.0	1,600.0	1,598.6	1,598.6	6.3	3.6	89.62	0.2	30.0	30.0	20.5	9.45	3.174		
1,700.0	1,700.0	1,698.6	1,698.6	6.6	3.7	89.62	0.2	30.0	30.0	20.2	9.79	3.063		
1,800.0	1,800.0	1,798.6	1,798.6	6.9	3.8	89.62	0.2	30.0	30.0	19.9	10.14	2.959		
1,900.0	1,900.0	1,898.6	1,898.6	7.2	3.9	89.62	0.2	30.0	30.0	19.5	10.49	2.860		
2,000.0	2,000.0	1,998.6	1,998.6	7.6	3.9	89.62	0.2	30.0	30.0	19.2	10.85	2.766		
2,100.0	2,100.0	2,098.6	2,098.6	7.9	4.0	89.62	0.2	30.0	30.0	18.8	11.21	2.677		
2,200.0	2,200.0	2,198.6	2,198.6	8.2	4.1	89.62	0.2	30.0	30.0	18.4	11.57	2.593		
2,300.0	2,300.0	2,298.6	2,298.6	8.6	4.2	89.62	0.2	30.0	30.0	18.1	11.94	2.513		
2,400.0	2,400.0	2,398.6	2,398.6	8.9	4.3	89.62	0.2	30.0	30.0	17.7	12.31	2.438		
2,500.0	2,500.0	2,498.6	2,498.6	9.2	4.4	89.62	0.2	30.0	30.0	17.3	12.68	2.366 CC, ES, SF		
2,600.0	2,600.0	2,598.3	2,598.3	9.6	4.5	131.30	1.8	30.5	31.6	18.6	13.05	2.425		
2,700.0	2,699.8	2,697.8	2,697.6	9.9	4.6	129.66	6.8	31.9	36.6	23.2	13.42	2.729		
2,800.0	2,799.5	2,797.0	2,796.4	10.2	4.7	127.68	15.0	34.3	45.0	31.2	13.80	3.260		
2,900.0	2,898.9	2,896.4	2,895.3	10.6	4.8	126.10	25.0	37.2	55.1	40.9	14.19	3.883		
3,000.0	2,998.4	2,995.9	2,994.3	10.9	4.9	125.00	34.9	40.1	65.2	50.6	14.58	4.475		
3,100.0	3,097.8	3,095.4	3,093.2	11.3	5.0	124.21	44.9	43.0	75.4	60.4	14.97	5.035		
3,200.0	3,197.3	3,194.9	3,192.1	11.6	5.1	123.60	54.9	45.8	85.5	70.2	15.36	5.567		
3,300.0	3,296.7	3,294.3	3,291.1	12.0	5.2	123.12	64.9	48.7	95.7	79.9	15.76	6.071		
3,400.0	3,396.2	3,393.8	3,390.0	12.3	5.3	122.73	74.9	51.6	105.9	89.7	16.16	6.550		
3,500.0	3,495.6	3,493.3	3,488.9	12.7	5.4	122.41	84.9	54.5	116.0	99.5	16.57	7.004		
3,600.0	3,595.1	3,592.8	3,587.9	13.0	5.5	122.14	94.9	57.4	126.2	109.2	16.97	7.436		
3,700.0	3,694.5	3,692.2	3,686.8	13.3	5.6	121.91	104.9	60.3	136.4	119.0	17.38	7.847		
3,800.0	3,794.0	3,791.7	3,785.7	13.7	5.7	121.72	114.8	63.2	146.6	128.8	17.79	8.238		
3,900.0	3,893.4	3,891.2	3,884.7	14.0	5.8	121.55	124.8	66.1	156.8	138.5	18.21	8.610		
4,000.0	3,992.9	3,990.7	3,983.6	14.4	5.9	121.40	134.8	69.0	166.9	148.3	18.62	8.965		
4,100.0	4,092.3	4,090.2	4,082.5	14.8	6.0	121.26	144.8	71.9	177.1	158.1	19.04	9.303		
4,200.0	4,191.8	4,189.6	4,181.5	15.1	6.1	121.14	154.8	74.8	187.3	167.8	19.46	9.626		
4,300.0	4,291.2	4,289.1	4,280.4	15.5	6.2	121.04	164.8	77.7	197.5	177.6	19.88	9.934		
4,400.0	4,390.7	4,388.6	4,379.3	15.8	6.3	120.94	174.8	80.6	207.7	187.4	20.30	10.229		
4,500.0	4,490.1	4,488.1	4,478.3	16.2	6.4	120.86	184.8	83.5	217.9	197.1	20.73	10.510		
4,600.0	4,589.6	4,587.6	4,577.2	16.5	6.6	120.78	194.7	86.3	228.1	206.9	21.16	10.780		
4,700.0	4,689.0	4,687.0	4,676.2	16.9	6.7	120.70	204.7	89.2	238.2	216.7	21.59	11.037		
4,800.0	4,788.5	4,786.5	4,775.1	17.2	6.8	120.64	214.7	92.1	248.4	226.4	22.02	11.284		
4,900.0	4,887.9	4,886.0	4,874.0	17.6	6.9	120.58	224.7	95.0	258.6	236.2	22.45	11.520		
5,000.0	4,987.4	4,985.5	4,973.0	17.9	7.0	120.52	234.7	97.9	268.8	245.9	22.88	11.747		

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well GREEN BERET FED COM #702H
Project:	BULLDOG PROSPECT (NM-E)	TVD Reference:	KB=30' @ 3312.4usft (SCAN QUEST)
Reference Site:	GREEN BERET FEDERAL PROJECT (BULLDOG 2535)	MD Reference:	KB=30' @ 3312.4usft (SCAN QUEST)
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	GREEN BERET FED COM #702H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 15 Central Prod
Reference Design:	PWP1	Offset TVD Reference:	Offset Datum

Offset Design: GREEN BERET FEDERAL PROJECT (BULLDOG 2535) - GREEN BERET FED COM #501H - OWB - PWP1												Offset Site Error:	3.0 usft
Survey Program: 0-Standard Keeper 104, 12129-MWD+IFR1+FDIR												Offset Well Error:	3.0 usft
Measured Reference Depth (usft)	Vertical Depth (usft)	Measured Offset Depth (usft)	Vertical Depth (usft)	Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre		Distance Between Centres (usft)		Minimum Separation (usft)	Separation Factor	Warning
							+N/-S (usft)	+E/-W (usft)					
5,100.0	5,086.9	5,085.0	5,071.9	18.3	7.1	120.47	244.7	100.8	279.0	255.7	23.32	11.965	
5,200.0	5,186.3	5,184.4	5,170.8	18.7	7.2	120.42	254.7	103.7	289.2	265.4	23.76	12.173	
5,300.0	5,285.8	5,283.9	5,269.8	19.0	7.3	120.37	264.7	106.6	299.4	275.2	24.20	12.374	
5,400.0	5,385.2	5,383.4	5,368.7	19.4	7.5	120.33	274.7	109.5	309.6	284.9	24.64	12.566	
5,500.0	5,484.7	5,482.9	5,467.6	19.7	7.6	120.29	284.6	112.4	319.8	294.7	25.08	12.751	
5,600.0	5,584.1	5,582.4	5,566.6	20.1	7.7	120.26	294.6	115.3	330.0	304.4	25.52	12.929	
5,700.0	5,683.6	5,681.8	5,665.5	20.5	7.8	120.22	304.6	118.2	340.1	314.2	25.97	13.100	
5,800.0	5,783.0	5,781.3	5,764.4	20.8	7.9	120.19	314.6	121.1	350.3	323.9	26.41	13.265	
5,900.0	5,882.5	5,880.8	5,863.4	21.2	8.1	120.16	324.6	124.0	360.5	333.7	26.86	13.423	
6,000.0	5,981.9	5,980.3	5,962.3	21.5	8.2	120.13	334.6	126.8	370.7	343.4	27.31	13.576	
6,100.0	6,081.4	6,079.7	6,061.2	21.9	8.3	120.10	344.6	129.7	380.9	353.1	27.76	13.723	
6,200.0	6,180.8	6,179.2	6,160.2	22.2	8.4	120.07	354.6	132.6	391.1	362.9	28.21	13.865	
6,300.0	6,280.3	6,281.7	6,262.2	22.6	8.5	120.14	364.1	135.4	401.0	372.3	28.67	13.986	
6,400.0	6,379.7	6,384.7	6,364.8	23.0	8.7	120.43	372.0	137.7	410.0	380.9	29.12	14.080	
6,500.0	6,479.2	6,487.7	6,467.7	23.3	8.8	120.94	378.1	139.5	418.2	388.6	29.55	14.152	
6,600.0	6,578.6	6,590.8	6,570.6	23.7	8.9	121.64	382.5	140.7	425.6	395.7	29.96	14.205	
6,700.0	6,678.1	6,693.7	6,673.5	24.0	9.0	122.54	385.0	141.5	432.3	402.0	30.37	14.237	
6,800.0	6,777.5	6,796.4	6,776.1	24.4	9.2	123.63	385.8	141.7	438.4	407.7	30.76	14.254	
6,900.0	6,877.0	6,895.8	6,875.6	24.8	9.3	124.75	385.8	141.7	444.3	413.2	31.13	14.272	
7,000.0	6,976.4	6,995.3	6,975.0	25.1	9.4	125.84	385.8	141.7	450.4	418.9	31.51	14.295	
7,100.0	7,075.9	7,094.7	7,074.5	25.5	9.5	126.90	385.8	141.7	456.6	424.7	31.88	14.320	
7,200.0	7,175.3	7,194.2	7,173.9	25.9	9.6	127.93	385.8	141.7	463.0	430.7	32.27	14.349	
7,302.7	7,277.5	7,296.3	7,276.1	26.2	9.8	128.96	385.8	141.7	469.7	437.0	32.66	14.381	
7,400.0	7,374.3	7,393.1	7,372.9	26.6	9.9	129.88	385.8	141.7	475.6	442.6	33.04	14.397	
7,500.0	7,474.0	7,492.8	7,472.6	26.9	10.0	130.64	385.8	141.7	480.7	447.3	33.43	14.380	
7,600.0	7,573.8	7,592.6	7,572.4	27.3	10.1	131.22	385.8	141.7	484.8	450.9	33.83	14.331	
7,700.0	7,673.7	7,692.5	7,672.3	27.7	10.3	131.63	385.8	141.7	487.7	453.5	34.23	14.248	
7,800.0	7,773.7	7,792.5	7,772.3	28.0	10.4	131.88	385.8	141.7	489.5	454.8	34.63	14.133	
7,902.7	7,876.4	7,895.2	7,875.0	28.4	10.5	89.67	385.8	141.7	490.1	455.0	35.05	13.982	
8,000.0	7,973.7	7,992.5	7,972.3	28.7	10.6	89.67	385.8	141.7	490.1	454.6	35.45	13.826	
8,100.0	8,073.7	8,092.5	8,072.3	29.1	10.8	89.67	385.8	141.7	490.1	454.2	35.85	13.669	
8,200.0	8,173.7	8,192.5	8,172.3	29.4	10.9	89.67	385.8	141.7	490.1	453.8	36.26	13.515	
8,300.0	8,273.7	8,292.5	8,272.3	29.8	11.0	89.67	385.8	141.7	490.1	453.4	36.67	13.365	
8,400.0	8,373.7	8,392.5	8,372.3	30.1	11.1	89.67	385.8	141.7	490.1	453.0	37.08	13.218	
8,500.0	8,473.7	8,492.5	8,472.3	30.5	11.3	89.67	385.8	141.7	490.1	452.6	37.49	13.073	
8,600.0	8,573.7	8,592.5	8,572.3	30.8	11.4	89.67	385.8	141.7	490.1	452.2	37.90	12.932	
8,700.0	8,673.7	8,692.5	8,672.3	31.2	11.5	89.67	385.8	141.7	490.1	451.8	38.31	12.794	
8,800.0	8,773.7	8,792.5	8,772.3	31.5	11.6	89.67	385.8	141.7	490.1	451.4	38.72	12.658	
8,900.0	8,873.7	8,892.5	8,872.3	31.9	11.8	89.67	385.8	141.7	490.1	450.9	39.13	12.525	
9,000.0	8,973.7	8,992.5	8,972.3	32.2	11.9	89.67	385.8	141.7	490.1	450.5	39.54	12.395	
9,100.0	9,073.7	9,092.5	9,072.3	32.6	12.0	89.67	385.8	141.7	490.1	450.1	39.95	12.268	
9,200.0	9,173.7	9,192.5	9,172.3	32.9	12.1	89.67	385.8	141.7	490.1	449.7	40.36	12.143	
9,300.0	9,273.7	9,292.5	9,272.3	33.3	12.3	89.67	385.8	141.7	490.1	449.3	40.77	12.020	
9,400.0	9,373.7	9,392.5	9,372.3	33.6	12.4	89.67	385.8	141.7	490.1	448.9	41.18	11.900	
9,500.0	9,473.7	9,492.5	9,472.3	34.0	12.5	89.67	385.8	141.7	490.1	448.5	41.60	11.782	
9,600.0	9,573.7	9,592.5	9,572.3	34.3	12.6	89.67	385.8	141.7	490.1	448.1	42.01	11.666	
9,700.0	9,673.7	9,692.5	9,672.3	34.7	12.8	89.67	385.8	141.7	490.1	447.7	42.42	11.553	
9,800.0	9,773.7	9,792.5	9,772.3	35.1	12.9	89.67	385.8	141.7	490.1	447.2	42.83	11.441	
9,900.0	9,873.7	9,892.5	9,872.3	35.4	13.0	89.67	385.8	141.7	490.1	446.8	43.25	11.332	
10,000.0	9,973.7	9,992.5	9,972.3	35.8	13.2	89.67	385.8	141.7	490.1	446.4	43.66	11.224	
10,100.0	10,073.7	10,092.5	10,072.3	36.1	13.3	89.67	385.8	141.7	490.1	446.0	44.08	11.119	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well GREEN BERET FED COM #702H
Project:	BULLDOG PROSPECT (NM-E)	TVD Reference:	KB=30' @ 3312.4usft (SCAN QUEST)
Reference Site:	GREEN BERET FEDERAL PROJECT (BULLDOG 2535)	MD Reference:	KB=30' @ 3312.4usft (SCAN QUEST)
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	GREEN BERET FED COM #702H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 15 Central Prod
Reference Design:	PWP1	Offset TVD Reference:	Offset Datum

Offset Design: GREEN BERET FEDERAL PROJECT (BULLDOG 2535) - GREEN BERET FED COM #501H - OWB - PWP1													Offset Site Error: 3.0 usft	
Survey Program: Reference		0-Standard Keeper 104, 12129-MWD+IFR1+FDIR		Semi Major Axis		Offset Wellbore Centre			Rule Assigned: Distance				Offset Well Error: 3.0 usft	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
10,200.0	10,173.7	10,192.5	10,172.3	36.5	13.4	89.67	385.8	141.7	490.1	445.6	44.49	11.015		
10,300.0	10,273.7	10,292.5	10,272.3	36.8	13.5	89.67	385.8	141.7	490.1	445.2	44.90	10.914		
10,400.0	10,373.7	10,392.5	10,372.3	37.2	13.7	89.67	385.8	141.7	490.1	444.8	45.32	10.814		
10,500.0	10,473.7	10,492.5	10,472.3	37.5	13.8	89.67	385.8	141.7	490.1	444.3	45.73	10.716		
10,600.0	10,573.7	10,592.5	10,572.3	37.9	13.9	89.67	385.8	141.7	490.1	443.9	46.15	10.619		
10,700.0	10,673.7	10,692.5	10,672.3	38.2	14.0	89.67	385.8	141.7	490.1	443.5	46.56	10.525		
10,800.0	10,773.7	10,792.5	10,772.3	38.6	14.2	89.67	385.8	141.7	490.1	443.1	46.98	10.432		
10,900.0	10,873.7	10,892.5	10,872.3	39.0	14.3	89.67	385.8	141.7	490.1	442.7	47.39	10.340		
11,000.0	10,973.7	10,992.5	10,972.3	39.3	14.4	89.67	385.8	141.7	490.1	442.3	47.81	10.250		
11,100.0	11,073.7	11,092.5	11,072.3	39.7	14.6	89.67	385.8	141.7	490.1	441.8	48.23	10.162		
11,200.0	11,173.7	11,192.5	11,172.3	40.0	14.7	89.67	385.8	141.7	490.1	441.4	48.64	10.075		
11,300.0	11,273.7	11,292.5	11,272.3	40.4	14.8	89.67	385.8	141.7	490.1	441.0	49.06	9.989		
11,400.0	11,373.7	11,392.5	11,372.3	40.7	14.9	89.67	385.8	141.7	490.1	440.6	49.48	9.905		
11,500.0	11,473.7	11,492.5	11,472.3	41.1	15.1	89.67	385.8	141.7	490.1	440.2	49.89	9.822		
11,600.0	11,573.7	11,592.5	11,572.3	41.4	15.2	89.67	385.8	141.7	490.1	439.8	50.31	9.741		
11,700.0	11,673.7	11,692.5	11,672.3	41.8	15.3	89.67	385.8	141.7	490.1	439.3	50.73	9.661		
11,800.0	11,773.7	11,792.5	11,772.3	42.1	15.5	89.67	385.8	141.7	490.1	438.9	51.15	9.582		
11,900.0	11,873.7	11,892.5	11,872.3	42.5	15.6	89.67	385.8	141.7	490.1	438.5	51.56	9.504		
12,000.0	11,973.7	11,992.5	11,972.3	42.9	15.7	89.67	385.8	141.7	490.1	438.1	51.98	9.428		
12,100.0	12,073.7	12,092.5	12,072.3	43.2	15.8	89.67	385.8	141.7	490.1	437.7	52.40	9.353		
12,103.7	12,077.4	12,096.2	12,076.0	43.2	15.8	89.67	385.8	141.7	490.1	437.7	52.41	9.350		
12,200.0	12,173.7	12,191.9	12,171.5	43.6	15.9	90.15	381.8	141.7	490.1	437.3	52.76	9.289		
12,300.0	12,273.7	12,286.1	12,263.1	43.9	15.9	92.64	360.4	141.9	490.9	437.8	53.08	9.249		
12,400.0	12,373.7	12,369.2	12,339.1	44.3	15.9	96.51	327.0	142.2	494.9	441.4	53.49	9.252		
12,415.8	12,389.5	12,381.2	12,349.5	44.3	15.9	97.19	321.1	142.3	496.1	442.5	53.58	9.258		
12,425.0	12,398.7	12,388.0	12,355.4	44.4	16.0	-81.80	317.6	142.3	496.8	443.2	53.63	9.263		
12,450.0	12,423.7	12,406.4	12,370.9	44.4	16.0	-80.51	307.9	142.4	498.9	445.2	53.79	9.276		
12,475.0	12,448.5	12,425.0	12,386.3	44.5	16.0	-79.22	297.4	142.5	501.3	447.4	53.95	9.292		
12,500.0	12,473.3	12,442.4	12,400.3	44.6	16.0	-77.99	287.0	142.6	503.9	449.8	54.14	9.308		
12,525.0	12,497.7	12,460.1	12,414.2	44.7	16.0	-76.77	276.0	142.7	506.7	452.4	54.33	9.326		
12,550.0	12,521.9	12,475.0	12,425.5	44.7	16.0	-75.71	266.3	142.8	509.6	455.1	54.55	9.343		
12,575.0	12,545.8	12,495.0	12,440.2	44.8	16.0	-74.42	252.7	142.9	512.6	457.9	54.74	9.364		
12,600.0	12,569.2	12,512.2	12,452.4	44.9	16.0	-73.30	240.6	143.0	515.7	460.8	54.95	9.385		
12,625.0	12,592.1	12,529.3	12,464.0	45.0	16.1	-72.22	228.2	143.1	518.9	463.7	55.17	9.406		
12,650.0	12,614.4	12,546.2	12,475.1	45.0	16.1	-71.17	215.4	143.2	522.1	466.7	55.38	9.427		
12,675.0	12,636.1	12,563.0	12,485.7	45.1	16.1	-70.17	202.4	143.4	525.3	469.7	55.59	9.449		
12,700.0	12,657.2	12,579.6	12,495.7	45.1	16.1	-69.21	189.1	143.5	528.5	472.7	55.80	9.472		
12,725.0	12,677.5	12,596.2	12,505.2	45.2	16.1	-68.29	175.5	143.6	531.7	475.7	56.00	9.494		
12,750.0	12,697.1	12,612.7	12,514.2	45.2	16.1	-67.42	161.7	143.7	534.8	478.6	56.19	9.517		
12,775.0	12,715.8	12,629.1	12,522.7	45.3	16.1	-66.60	147.6	143.9	537.8	481.4	56.38	9.539		
12,800.0	12,733.6	12,645.4	12,530.6	45.3	16.2	-65.83	133.4	144.0	540.7	484.2	56.56	9.561		
12,825.0	12,750.4	12,661.6	12,538.0	45.3	16.2	-65.11	119.0	144.1	543.5	486.8	56.73	9.582		
12,850.0	12,766.3	12,675.0	12,543.7	45.4	16.2	-64.50	106.8	144.2	546.2	489.3	56.90	9.600		
12,875.0	12,781.1	12,693.9	12,551.3	45.4	16.2	-63.82	89.5	144.4	548.8	491.7	57.04	9.620		
12,900.0	12,794.9	12,709.9	12,557.1	45.4	16.2	-63.25	74.6	144.5	551.1	493.9	57.19	9.637		
12,925.0	12,807.5	12,725.0	12,562.1	45.5	16.2	-62.74	60.4	144.7	553.3	496.0	57.33	9.652		
12,950.0	12,819.0	12,741.9	12,567.2	45.5	16.2	-62.26	44.3	144.8	555.3	497.9	57.45	9.666		
12,975.0	12,829.3	12,757.8	12,571.5	45.5	16.2	-61.84	28.9	145.0	557.1	499.6	57.58	9.677		
13,000.0	12,838.5	12,775.0	12,575.5	45.5	16.2	-61.47	12.2	145.1	558.7	501.1	57.69	9.686		
13,025.0	12,846.4	12,789.6	12,578.5	45.6	16.2	-61.17	-2.1	145.3	560.1	502.3	57.80	9.691		
13,050.0	12,853.0	12,805.4	12,581.2	45.6	16.3	-60.91	-17.7	145.4	561.3	503.4	57.90	9.694		

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well GREEN BERET FED COM #702H
Project:	BULLDOG PROSPECT (NM-E)	TVD Reference:	KB=30' @ 3312.4usft (SCAN QUEST)
Reference Site:	GREEN BERET FEDERAL PROJECT (BULLDOG 2535)	MD Reference:	KB=30' @ 3312.4usft (SCAN QUEST)
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	GREEN BERET FED COM #702H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 15 Central Prod
Reference Design:	PWP1	Offset TVD Reference:	Offset Datum

Offset Design: GREEN BERET FEDERAL PROJECT (BULLDOG 2535) - GREEN BERET FED COM #501H - OWB - PWP1													Offset Site Error: 3.0 usft	
Survey Program: Reference		0-Standard Keeper 104, 12129-MWD+IFR1+FDIR		Semi Major Axis			Offset Wellbore Centre		Rule Assigned: Distance				Offset Well Error: 3.0 usft	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
13,075.0	12,858.4	12,825.0	12,583.8	45.6	16.3	-60.68	-37.1	145.6	562.3	504.3	57.99	9.696		
13,100.0	12,862.4	12,837.1	12,585.1	45.6	16.3	-60.54	-49.1	145.7	563.0	504.9	58.10	9.690		
13,125.0	12,865.2	12,850.0	12,586.0	45.6	16.3	-60.45	-61.9	145.8	563.5	505.3	58.19	9.683		
13,150.0	12,866.7	12,868.7	12,586.8	45.6	16.3	-60.39	-80.6	146.0	563.7	505.4	58.27	9.674		
13,163.2	12,867.0	12,877.1	12,587.0	45.6	16.3	-60.38	-89.0	146.1	563.7	505.4	58.31	9.668		
13,176.6	12,867.0	12,890.3	12,587.0	45.6	16.3	-60.38	-102.2	146.2	563.7	505.4	58.34	9.663		
13,200.0	12,867.2	12,913.7	12,587.2	45.6	16.3	-60.38	-125.6	146.4	563.7	505.3	58.39	9.654		
13,300.0	12,867.7	13,013.7	12,587.7	45.7	16.3	-60.38	-225.6	147.3	563.7	505.1	58.66	9.610		
13,400.0	12,868.3	13,113.7	12,588.3	45.7	16.3	-60.38	-325.6	148.2	563.7	504.7	58.98	9.558		
13,500.0	12,868.8	13,213.7	12,588.8	45.8	16.4	-60.38	-425.6	149.2	563.7	504.4	59.35	9.498		
13,600.0	12,869.3	13,313.7	12,589.3	45.9	16.4	-60.38	-525.6	150.1	563.7	503.9	59.78	9.431		
13,700.0	12,869.9	13,413.7	12,589.9	46.0	16.5	-60.38	-625.6	151.0	563.7	503.5	60.25	9.356		
13,800.0	12,870.4	13,513.7	12,590.4	46.1	16.5	-60.38	-725.6	151.9	563.7	502.9	60.77	9.276		
13,900.0	12,871.0	13,613.7	12,591.0	46.2	16.6	-60.38	-825.6	152.8	563.7	502.4	61.34	9.190		
14,000.0	12,871.5	13,713.7	12,591.5	46.4	16.7	-60.38	-925.6	153.8	563.7	501.8	61.95	9.100		
14,100.0	12,872.1	13,813.7	12,592.1	46.5	16.8	-60.38	-1,025.6	154.7	563.7	501.1	62.60	9.005		
14,200.0	12,872.6	13,913.7	12,592.6	46.7	17.0	-60.38	-1,125.6	155.6	563.7	500.4	63.29	8.907		
14,300.0	12,873.2	14,013.7	12,593.2	46.9	17.4	-60.38	-1,225.6	156.5	563.7	499.7	64.01	8.806		
14,400.0	12,873.7	14,113.7	12,593.7	47.1	17.9	-60.38	-1,325.6	157.4	563.7	498.9	64.77	8.703		
14,500.0	12,874.3	14,213.7	12,594.3	47.3	18.6	-60.38	-1,425.6	158.4	563.7	498.1	65.57	8.597		
14,600.0	12,874.8	14,313.7	12,594.8	47.6	19.3	-60.38	-1,525.6	159.3	563.7	497.3	66.40	8.490		
14,700.0	12,875.4	14,413.7	12,595.4	47.8	20.1	-60.38	-1,625.6	160.2	563.7	496.4	67.25	8.382		
14,800.0	12,875.9	14,513.7	12,595.9	48.1	20.8	-60.38	-1,725.6	161.1	563.7	495.5	68.14	8.272		
14,900.0	12,876.5	14,613.7	12,596.5	48.4	21.6	-60.38	-1,825.5	162.0	563.7	494.6	69.06	8.163		
15,000.0	12,877.0	14,713.7	12,597.0	48.6	22.4	-60.38	-1,925.5	163.0	563.7	493.7	70.00	8.053		
15,100.0	12,877.6	14,813.7	12,597.6	49.0	23.1	-60.38	-2,025.5	163.9	563.7	492.7	70.96	7.943		
15,200.0	12,878.1	14,913.7	12,598.1	49.3	23.9	-60.38	-2,125.5	164.8	563.7	491.7	71.95	7.834		
15,300.0	12,878.7	15,013.7	12,598.7	49.6	24.7	-60.38	-2,225.5	165.7	563.7	490.7	72.97	7.725		
15,400.0	12,879.2	15,113.7	12,599.2	49.9	25.5	-60.38	-2,325.5	166.6	563.7	489.7	74.00	7.617		
15,500.0	12,879.7	15,213.7	12,599.7	50.3	26.3	-60.38	-2,425.5	167.6	563.7	488.6	75.06	7.510		
15,600.0	12,880.3	15,313.7	12,600.3	50.7	27.1	-60.38	-2,525.5	168.5	563.7	487.5	76.13	7.404		
15,700.0	12,880.8	15,413.7	12,600.8	51.0	27.9	-60.38	-2,625.5	169.4	563.7	486.4	77.23	7.299		
15,800.0	12,881.4	15,513.7	12,601.4	51.4	28.7	-60.38	-2,725.5	170.3	563.7	485.3	78.35	7.195		
15,900.0	12,881.9	15,613.7	12,601.9	51.8	29.6	-60.38	-2,825.5	171.2	563.7	484.2	79.48	7.092		
16,000.0	12,882.5	15,713.7	12,602.5	52.2	30.4	-60.38	-2,925.5	172.2	563.7	483.0	80.63	6.991		
16,100.0	12,883.0	15,813.7	12,603.0	52.7	31.2	-60.38	-3,025.5	173.1	563.7	481.9	81.79	6.891		
16,200.0	12,883.6	15,913.7	12,603.6	53.1	32.0	-60.38	-3,125.5	174.0	563.7	480.7	82.98	6.793		
16,300.0	12,884.1	16,013.7	12,604.1	53.6	32.8	-60.38	-3,225.5	174.9	563.7	479.5	84.17	6.697		
16,400.0	12,884.7	16,113.7	12,604.7	54.0	33.7	-60.38	-3,325.5	175.8	563.7	478.3	85.38	6.601		
16,500.0	12,885.2	16,213.7	12,605.2	54.5	34.5	-60.38	-3,425.5	176.8	563.7	477.0	86.61	6.508		
16,600.0	12,885.8	16,313.7	12,605.8	54.9	35.3	-60.38	-3,525.5	177.7	563.7	475.8	87.85	6.416		
16,700.0	12,886.3	16,413.7	12,606.3	55.4	36.2	-60.38	-3,625.4	178.6	563.7	474.6	89.10	6.326		
16,800.0	12,886.9	16,513.7	12,606.9	55.9	37.0	-60.38	-3,725.4	179.5	563.7	473.3	90.37	6.237		
16,900.0	12,887.4	16,613.7	12,607.4	56.4	37.8	-60.38	-3,825.4	180.4	563.7	472.0	91.64	6.151		
17,000.0	12,888.0	16,713.7	12,608.0	56.9	38.7	-60.38	-3,925.4	181.4	563.6	470.7	92.93	6.065		
17,100.0	12,888.5	16,813.7	12,608.5	57.4	39.5	-60.38	-4,025.4	182.3	563.6	469.4	94.23	5.982		
17,200.0	12,889.0	16,913.7	12,609.0	58.0	40.3	-60.38	-4,125.4	183.2	563.6	468.1	95.54	5.900		
17,300.0	12,889.6	17,013.7	12,609.6	58.5	41.2	-60.38	-4,225.4	184.1	563.6	466.8	96.86	5.819		
17,400.0	12,890.1	17,113.7	12,610.1	59.1	42.0	-60.38	-4,325.4	185.0	563.6	465.5	98.19	5.740		
17,500.0	12,890.7	17,213.7	12,610.7	59.6	42.8	-60.38	-4,425.4	186.0	563.6	464.1	99.53	5.663		
17,600.0	12,891.2	17,313.7	12,611.2	60.2	43.7	-60.38	-4,525.4	186.9	563.6	462.8	100.88	5.587		

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well GREEN BERET FED COM #702H
Project:	BULLDOG PROSPECT (NM-E)	TVD Reference:	KB=30' @ 3312.4usft (SCAN QUEST)
Reference Site:	GREEN BERET FEDERAL PROJECT (BULLDOG 2535)	MD Reference:	KB=30' @ 3312.4usft (SCAN QUEST)
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	GREEN BERET FED COM #702H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 15 Central Prod
Reference Design:	PWP1	Offset TVD Reference:	Offset Datum

Offset Design: GREEN BERET FEDERAL PROJECT (BULLDOG 2535) - GREEN BERET FED COM #501H - OWB - PWP1												Offset Site Error: 3.0 usft	
Survey Program: 0-Standard Keeper 104, 12129-MWD+IFR1+FDIR												Offset Well Error: 3.0 usft	
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Rule Assigned:			Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		
17,700.0	12,891.8	17,413.7	12,611.8	60.7	44.5	-60.38	-4,625.4	187.8	563.6	461.4	102.24	5.513	
17,800.0	12,892.3	17,513.7	12,612.3	61.3	45.4	-60.38	-4,725.4	188.7	563.6	460.0	103.61	5.440	
17,900.0	12,892.9	17,613.7	12,612.9	61.9	46.2	-60.38	-4,825.4	189.7	563.6	458.6	104.98	5.369	
18,000.0	12,893.4	17,713.7	12,613.4	62.5	47.1	-60.38	-4,925.4	190.6	563.6	457.3	106.37	5.299	
18,100.0	12,894.0	17,813.7	12,614.0	63.0	47.9	-60.38	-5,025.4	191.5	563.6	455.9	107.76	5.230	
18,200.0	12,894.5	17,913.7	12,614.5	63.6	48.8	-60.38	-5,125.4	192.4	563.6	454.5	109.16	5.163	
18,300.0	12,895.1	18,013.7	12,615.1	64.2	49.6	-60.38	-5,225.4	193.3	563.6	453.1	110.57	5.098	
18,400.0	12,895.6	18,113.7	12,615.6	64.8	50.4	-60.38	-5,325.3	194.3	563.6	451.6	111.98	5.033	
18,500.0	12,896.2	18,213.7	12,616.2	65.5	51.3	-60.38	-5,425.3	195.2	563.6	450.2	113.40	4.970	
18,600.0	12,896.7	18,313.7	12,616.7	66.1	52.1	-60.38	-5,525.3	196.1	563.6	448.8	114.83	4.908	
18,700.0	12,897.3	18,413.7	12,617.3	66.7	53.0	-60.38	-5,625.3	197.0	563.6	447.4	116.26	4.848	
18,800.0	12,897.8	18,513.7	12,617.8	67.3	53.8	-60.38	-5,725.3	197.9	563.6	445.9	117.70	4.789	
18,900.0	12,898.4	18,613.7	12,618.4	68.0	54.7	-60.38	-5,825.3	198.9	563.6	444.5	119.15	4.730	
19,000.0	12,898.9	18,713.7	12,618.9	68.6	55.5	-60.38	-5,925.3	199.8	563.6	443.0	120.60	4.673	
19,100.0	12,899.4	18,813.7	12,619.4	69.3	56.4	-60.38	-6,025.3	200.7	563.6	441.6	122.06	4.618	
19,200.0	12,900.0	18,913.7	12,620.0	69.9	57.2	-60.38	-6,125.3	201.6	563.6	440.1	123.52	4.563	
19,300.0	12,900.5	19,013.7	12,620.5	70.6	58.1	-60.38	-6,225.3	202.5	563.6	438.6	124.99	4.509	
19,400.0	12,901.1	19,113.7	12,621.1	71.2	58.9	-60.38	-6,325.3	203.5	563.6	437.1	126.46	4.457	
19,500.0	12,901.6	19,213.7	12,621.6	71.9	59.8	-60.37	-6,425.3	204.4	563.6	435.7	127.94	4.405	
19,600.0	12,902.2	19,313.7	12,622.2	72.5	60.6	-60.37	-6,525.3	205.3	563.6	434.2	129.42	4.355	
19,700.0	12,902.7	19,413.7	12,622.7	73.2	61.5	-60.37	-6,625.3	206.2	563.6	432.7	130.91	4.305	
19,800.0	12,903.3	19,513.7	12,623.3	73.9	62.3	-60.37	-6,725.3	207.1	563.6	431.2	132.40	4.257	
19,900.0	12,903.8	19,613.7	12,623.8	74.6	63.2	-60.37	-6,825.3	208.1	563.6	429.7	133.89	4.209	
20,000.0	12,904.4	19,713.7	12,624.4	75.2	64.0	-60.37	-6,925.3	209.0	563.6	428.2	135.39	4.163	
20,100.0	12,904.9	19,813.7	12,624.9	75.9	64.9	-60.37	-7,025.3	209.9	563.6	426.7	136.90	4.117	
20,200.0	12,905.5	19,913.7	12,625.5	76.6	65.8	-60.37	-7,125.2	210.8	563.6	425.2	138.41	4.072	
20,300.0	12,906.0	20,013.7	12,626.0	77.3	66.6	-60.37	-7,225.2	211.7	563.6	423.7	139.92	4.028	
20,400.0	12,906.6	20,113.7	12,626.6	78.0	67.5	-60.37	-7,325.2	212.7	563.6	422.2	141.43	3.985	
20,478.7	12,907.0	20,192.4	12,627.0	78.6	68.1	-60.37	-7,404.0	213.4	563.6	421.0	142.63	3.951	
20,480.6	12,907.0	20,193.9	12,627.0	78.6	68.1	-60.37	-7,405.4	213.4	563.6	420.9	142.66	3.951	
20,481.0	12,907.0	20,193.9	12,627.0	78.6	68.1	-60.37	-7,405.4	213.4	563.6	420.9	142.66	3.951	

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well GREEN BERET FED COM #702H
Project:	BULLDOG PROSPECT (NM-E)	TVD Reference:	KB=30' @ 3312.4usft (SCAN QUEST)
Reference Site:	GREEN BERET FEDERAL PROJECT (BULLDOG 2535)	MD Reference:	KB=30' @ 3312.4usft (SCAN QUEST)
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	GREEN BERET FED COM #702H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 15 Central Prod
Reference Design:	PWP1	Offset TVD Reference:	Offset Datum

Offset Design: GREEN BERET FEDERAL PROJECT (BULLDOG 2535) - GREEN BERET FED COM #602H - OWB - PWP1													Offset Site Error:	3.0 usft
Survey Program: 0-Standard Keeper 104, 12231-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		Distance Between Centres (usft)	Rule Assigned: Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.0	0.0	0.0	0.0	3.0	3.0	89.68		+N/-S (usft)	+E/-W (usft)	90.0				
100.0	100.0	97.8	97.8	3.0	3.0	89.68		0.5	90.0	90.0	84.0	6.00	14.993	
200.0	200.0	197.8	197.8	3.0	3.0	89.68		0.5	90.0	90.0	84.0	6.04	14.900	
300.0	300.0	297.8	297.8	3.1	3.0	89.68		0.5	90.0	90.0	83.9	6.12	14.705	
400.0	400.0	397.8	397.8	3.2	3.0	89.68		0.5	90.0	90.0	83.8	6.24	14.422	
500.0	500.0	497.8	497.8	3.4	3.1	89.68		0.5	90.0	90.0	83.6	6.40	14.071	
600.0	600.0	597.8	597.8	3.6	3.1	89.68		0.5	90.0	90.0	83.4	6.58	13.671	
700.0	700.0	697.8	697.8	3.8	3.1	89.68		0.5	90.0	90.0	83.2	6.80	13.239	
800.0	800.0	797.8	797.8	4.0	3.2	89.68		0.5	90.0	90.0	83.0	7.04	12.791	
900.0	900.0	897.8	897.8	4.2	3.2	89.68		0.5	90.0	90.0	82.7	7.29	12.340	
1,000.0	1,000.0	997.8	997.8	4.5	3.2	89.68		0.5	90.0	90.0	82.4	7.57	11.892	
1,100.0	1,100.0	1,097.8	1,097.8	4.8	3.3	89.68		0.5	90.0	90.0	82.1	7.86	11.455	
1,200.0	1,200.0	1,197.8	1,197.8	5.1	3.4	89.68		0.5	90.0	90.0	81.8	8.16	11.033	
1,300.0	1,300.0	1,297.8	1,297.8	5.3	3.4	89.68		0.5	90.0	90.0	81.5	8.47	10.627	
1,400.0	1,400.0	1,397.8	1,397.8	5.6	3.5	89.68		0.5	90.0	90.0	81.2	8.79	10.240	
1,500.0	1,500.0	1,497.8	1,497.8	6.0	3.5	89.68		0.5	90.0	90.0	80.9	9.12	9.871	
1,600.0	1,600.0	1,597.8	1,597.8	6.3	3.6	89.68		0.5	90.0	90.0	80.5	9.45	9.522	
1,700.0	1,700.0	1,697.8	1,697.8	6.6	3.7	89.68		0.5	90.0	90.0	80.2	9.79	9.190	
1,800.0	1,800.0	1,797.8	1,797.8	6.9	3.8	89.68		0.5	90.0	90.0	79.9	10.14	8.876	
1,900.0	1,900.0	1,897.8	1,897.8	7.2	3.9	89.68		0.5	90.0	90.0	79.5	10.49	8.579	
2,000.0	2,000.0	1,997.8	1,997.8	7.6	3.9	89.68		0.5	90.0	90.0	79.2	10.85	8.297	
2,100.0	2,100.0	2,097.8	2,097.8	7.9	4.0	89.68		0.5	90.0	90.0	78.8	11.21	8.031	
2,200.0	2,200.0	2,197.8	2,197.8	8.2	4.1	89.68		0.5	90.0	90.0	78.4	11.57	7.779	
2,300.0	2,300.0	2,297.8	2,297.8	8.6	4.2	89.68		0.5	90.0	90.0	78.1	11.94	7.540	
2,400.0	2,400.0	2,397.8	2,397.8	8.9	4.3	89.68		0.5	90.0	90.0	77.7	12.31	7.314	
2,500.0	2,500.0	2,497.8	2,497.8	9.2	4.4	89.68		0.5	90.0	90.0	77.3	12.68	7.099 CC, ES, SF	
2,600.0	2,600.0	2,594.9	2,594.9	9.6	4.5	132.36		1.1	91.5	92.7	79.6	13.04	7.105	
2,700.0	2,699.8	2,691.6	2,691.4	9.9	4.5	133.38		2.8	96.0	100.9	87.5	13.40	7.527	
2,800.0	2,799.5	2,787.3	2,786.8	10.2	4.6	134.71		5.7	103.4	114.6	100.9	13.75	8.333	
2,900.0	2,898.9	2,881.9	2,880.8	10.6	4.6	135.83		9.7	113.7	132.6	118.5	14.09	9.409	
3,000.0	2,998.4	2,976.7	2,974.5	10.9	4.7	136.19		14.8	126.8	153.4	139.0	14.44	10.626	
3,100.0	3,097.8	3,074.3	3,070.9	11.3	4.8	136.35		20.3	141.0	175.0	160.2	14.82	11.812	
3,200.0	3,197.3	3,172.0	3,167.4	11.6	4.8	136.48		25.8	155.3	196.6	181.4	15.20	12.936	
3,300.0	3,296.7	3,269.6	3,263.8	12.0	4.9	136.58		31.3	169.5	218.2	202.6	15.59	14.000	
3,400.0	3,396.2	3,367.2	3,360.3	12.3	5.0	136.66		36.8	183.7	239.8	223.8	15.98	15.009	
3,500.0	3,495.6	3,464.9	3,456.7	12.7	5.0	136.73		42.4	198.0	261.4	245.1	16.37	15.966	
3,600.0	3,595.1	3,562.5	3,553.1	13.0	5.1	136.79		47.9	212.2	283.0	266.3	16.77	16.873	
3,700.0	3,694.5	3,660.2	3,649.6	13.3	5.2	136.84		53.4	226.5	304.6	287.4	17.18	17.735	
3,800.0	3,794.0	3,757.8	3,746.0	13.7	5.3	136.88		58.9	240.7	326.2	308.6	17.58	18.553	
3,900.0	3,893.4	3,855.4	3,842.4	14.0	5.4	136.92		64.5	254.9	347.8	329.8	17.99	19.331	
4,000.0	3,992.9	3,953.1	3,938.9	14.4	5.4	136.95		70.0	269.2	369.4	351.0	18.41	20.070	
4,100.0	4,092.3	4,050.7	4,035.3	14.8	5.5	136.98		75.5	283.4	391.0	372.2	18.82	20.773	
4,200.0	4,191.8	4,148.4	4,131.7	15.1	5.6	137.01		81.0	297.7	412.6	393.4	19.24	21.443	
4,300.0	4,291.2	4,246.0	4,228.2	15.5	5.7	137.03		86.5	311.9	434.2	414.6	19.67	22.080	
4,400.0	4,390.7	4,343.6	4,324.6	15.8	5.8	137.05		92.1	326.2	455.8	435.7	20.09	22.688	
4,500.0	4,490.1	4,441.3	4,421.1	16.2	5.9	137.07		97.6	340.4	477.4	456.9	20.52	23.268	
4,600.0	4,589.6	4,538.9	4,517.5	16.5	6.0	137.09		103.1	354.6	499.0	478.1	20.95	23.821	
4,700.0	4,689.0	4,636.5	4,613.9	16.9	6.1	137.11		108.6	368.9	520.6	499.2	21.38	24.349	
4,800.0	4,788.5	4,734.2	4,710.4	17.2	6.2	137.12		114.2	383.1	542.2	520.4	21.82	24.854	
4,900.0	4,887.9	4,831.8	4,806.8	17.6	6.3	137.14		119.7	397.4	563.8	541.6	22.25	25.336	
5,000.0	4,987.4	4,929.5	4,903.2	17.9	6.4	137.15		125.2	411.6	585.4	562.7	22.69	25.797	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well GREEN BERET FED COM #702H
Project:	BULLDOG PROSPECT (NM-E)	TVD Reference:	KB=30' @ 3312.4usft (SCAN QUEST)
Reference Site:	GREEN BERET FEDERAL PROJECT (BULLDOG 2535)	MD Reference:	KB=30' @ 3312.4usft (SCAN QUEST)
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	GREEN BERET FED COM #702H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 15 Central Prod
Reference Design:	PWP1	Offset TVD Reference:	Offset Datum

Offset Design: GREEN BERET FEDERAL PROJECT (BULLDOG 2535) - GREEN BERET FED COM #602H - OWB - PWP1												Offset Site Error:	3.0 usft
Survey Program:		0-Standard Keeper 104, 12231-MWD+IFR1+FDIR						Rule Assigned:				Offset Well Error:	3.0 usft
Reference	Offset	Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Distance		Minimum Separation (usft)	Separation Factor	Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)			
5,100.0	5,086.9	5,027.1	4,999.7	18.3	6.5	137.16	130.7	425.8	607.0	583.9	23.13	26.239	
5,200.0	5,186.3	5,124.7	5,096.1	18.7	6.6	137.18	136.2	440.1	628.6	605.0	23.58	26.662	
5,300.0	5,285.8	5,222.4	5,192.6	19.0	6.7	137.19	141.8	454.3	650.2	626.2	24.02	27.067	
5,400.0	5,385.2	5,320.0	5,289.0	19.4	6.8	137.20	147.3	468.6	671.8	647.4	24.47	27.455	
5,500.0	5,484.7	5,417.7	5,385.4	19.7	6.9	137.21	152.8	482.8	693.4	668.5	24.92	27.828	
5,600.0	5,584.1	5,515.3	5,481.9	20.1	7.0	137.21	158.3	497.0	715.0	689.7	25.37	28.186	
5,700.0	5,683.6	5,612.9	5,578.3	20.5	7.2	137.22	163.9	511.3	736.6	710.8	25.82	28.529	
5,800.0	5,783.0	5,710.6	5,674.7	20.8	7.3	137.23	169.4	525.5	758.2	732.0	26.27	28.859	
5,900.0	5,882.5	5,808.2	5,771.2	21.2	7.4	137.24	174.9	539.8	779.8	753.1	26.73	29.176	
6,000.0	5,981.9	5,905.9	5,867.6	21.5	7.5	137.24	180.4	554.0	801.4	774.2	27.18	29.481	
6,100.0	6,081.4	6,003.5	5,964.1	21.9	7.6	137.25	185.9	568.2	823.0	795.4	27.64	29.775	
6,200.0	6,180.8	6,101.1	6,060.5	22.2	7.7	137.26	191.5	582.5	844.6	816.5	28.10	30.057	
6,300.0	6,280.3	6,198.8	6,156.9	22.6	7.8	137.26	197.0	596.7	866.2	837.7	28.56	30.330	
6,400.0	6,379.7	6,296.4	6,253.4	23.0	8.0	137.27	202.5	611.0	887.8	858.8	29.02	30.592	
6,500.0	6,479.2	6,394.1	6,349.8	23.3	8.1	137.27	208.0	625.2	909.4	879.9	29.48	30.845	
6,600.0	6,578.6	6,491.7	6,446.2	23.7	8.2	137.28	213.5	639.5	931.0	901.1	29.95	31.088	
6,700.0	6,678.1	6,589.3	6,542.7	24.0	8.3	137.28	219.1	653.7	952.6	922.2	30.41	31.324	
6,800.0	6,777.5	6,687.0	6,639.1	24.4	8.4	137.29	224.6	667.9	974.2	943.4	30.88	31.551	
6,900.0	6,877.0	6,784.6	6,735.6	24.8	8.6	137.29	230.1	682.2	995.8	964.5	31.35	31.770	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well GREEN BERET FED COM #702H
Project:	BULLDOG PROSPECT (NM-E)	TVD Reference:	KB=30' @ 3312.4usft (SCAN QUEST)
Reference Site:	GREEN BERET FEDERAL PROJECT (BULLDOG 2535)	MD Reference:	KB=30' @ 3312.4usft (SCAN QUEST)
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	GREEN BERET FED COM #702H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 15 Central Prod
Reference Design:	PWP1	Offset TVD Reference:	Offset Datum

Offset Design: GREEN BERET FEDERAL PROJECT (BULLDOG 2535) - GREEN BERET FED COM #801H - OWB - PWP1													Offset Site Error: 3.0 usft	
Survey Program: Reference		0-Standard Keeper 104, 11925-MWD+IFR1+FDIR		Semi Major Axis					Rule Assigned:		Offset Well Error: 3.0 usft			
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	+N/-S (usft)	+E/-W (usft)	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	89.71	0.3	60.0	60.2					
100.0	100.0	95.1	95.1	3.0	3.0	89.71	0.3	60.0	60.0	54.0	6.00	9.996		
200.0	200.0	195.1	195.1	3.0	3.0	89.71	0.3	60.0	60.0	54.0	6.04	9.934		
300.0	300.0	295.1	295.1	3.1	3.0	89.71	0.3	60.0	60.0	53.9	6.12	9.803		
400.0	400.0	395.1	395.1	3.2	3.0	89.71	0.3	60.0	60.0	53.8	6.24	9.615		
500.0	500.0	495.1	495.1	3.4	3.1	89.71	0.3	60.0	60.0	53.6	6.40	9.381		
600.0	600.0	595.1	595.1	3.6	3.1	89.71	0.3	60.0	60.0	53.4	6.58	9.114		
700.0	700.0	695.1	695.1	3.8	3.1	89.71	0.3	60.0	60.0	53.2	6.80	8.826		
800.0	800.0	795.1	795.1	4.0	3.2	89.71	0.3	60.0	60.0	53.0	7.04	8.528		
900.0	900.0	895.1	895.1	4.2	3.2	89.71	0.3	60.0	60.0	52.7	7.29	8.227		
1,000.0	1,000.0	995.1	995.1	4.5	3.2	89.71	0.3	60.0	60.0	52.4	7.57	7.928		
1,100.0	1,100.0	1,095.1	1,095.1	4.8	3.3	89.71	0.3	60.0	60.0	52.1	7.86	7.637		
1,200.0	1,200.0	1,195.1	1,195.1	5.1	3.4	89.71	0.3	60.0	60.0	51.8	8.16	7.355		
1,300.0	1,300.0	1,295.1	1,295.1	5.3	3.4	89.71	0.3	60.0	60.0	51.5	8.47	7.085		
1,400.0	1,400.0	1,395.1	1,395.1	5.6	3.5	89.71	0.3	60.0	60.0	51.2	8.79	6.827		
1,500.0	1,500.0	1,495.1	1,495.1	6.0	3.5	89.71	0.3	60.0	60.0	50.9	9.12	6.581		
1,600.0	1,600.0	1,595.1	1,595.1	6.3	3.6	89.71	0.3	60.0	60.0	50.5	9.45	6.348		
1,700.0	1,700.0	1,695.1	1,695.1	6.6	3.7	89.71	0.3	60.0	60.0	50.2	9.79	6.127		
1,800.0	1,800.0	1,795.1	1,795.1	6.9	3.8	89.71	0.3	60.0	60.0	49.9	10.14	5.917		
1,900.0	1,900.0	1,895.1	1,895.1	7.2	3.9	89.71	0.3	60.0	60.0	49.5	10.49	5.719		
2,000.0	2,000.0	1,995.1	1,995.1	7.6	3.9	89.71	0.3	60.0	60.0	49.2	10.85	5.532		
2,100.0	2,100.0	2,095.1	2,095.1	7.9	4.0	89.71	0.3	60.0	60.0	48.8	11.21	5.354		
2,200.0	2,200.0	2,195.1	2,195.1	8.2	4.1	89.71	0.3	60.0	60.0	48.4	11.57	5.186		
2,300.0	2,300.0	2,295.1	2,295.1	8.6	4.2	89.71	0.3	60.0	60.0	48.1	11.94	5.027		
2,400.0	2,400.0	2,395.1	2,395.1	8.9	4.3	89.71	0.3	60.0	60.0	47.7	12.31	4.876		
2,500.0	2,500.0	2,495.1	2,495.1	9.2	4.4	89.71	0.3	60.0	60.0	47.3	12.68	4.733 CC, ES, SF		
2,600.0	2,600.0	2,593.4	2,593.4	9.6	4.5	132.36	1.2	61.3	62.5	49.4	13.05	4.788		
2,700.0	2,699.8	2,691.2	2,691.1	9.9	4.5	133.12	3.9	65.3	70.1	56.7	13.41	5.229		
2,800.0	2,799.5	2,788.3	2,787.8	10.2	4.6	134.01	8.4	72.0	82.9	69.2	13.76	6.025		
2,900.0	2,898.9	2,886.8	2,885.8	10.6	4.7	134.81	14.1	80.5	98.6	84.5	14.13	6.977		
3,000.0	2,998.4	2,985.5	2,984.0	10.9	4.7	135.39	19.9	89.1	114.4	99.8	14.51	7.880		
3,100.0	3,097.8	3,084.3	3,082.2	11.3	4.8	135.83	25.7	97.7	130.1	115.2	14.89	8.736		
3,200.0	3,197.3	3,183.0	3,180.4	11.6	4.9	136.17	31.4	106.2	145.8	130.6	15.28	9.547		
3,300.0	3,296.7	3,281.8	3,278.6	12.0	5.0	136.45	37.2	114.8	161.6	145.9	15.66	10.316		
3,400.0	3,396.2	3,380.5	3,376.8	12.3	5.1	136.68	43.0	123.3	177.3	161.3	16.06	11.045		
3,500.0	3,495.6	3,479.3	3,475.0	12.7	5.1	136.87	48.7	131.9	193.1	176.6	16.45	11.738		
3,600.0	3,595.1	3,578.0	3,573.2	13.0	5.2	137.03	54.5	140.5	208.9	192.0	16.85	12.395		
3,700.0	3,694.5	3,676.8	3,671.4	13.3	5.3	137.17	60.3	149.0	224.6	207.4	17.25	13.020		
3,800.0	3,794.0	3,775.5	3,769.6	13.7	5.4	137.29	66.0	157.6	240.4	222.7	17.66	13.614		
3,900.0	3,893.4	3,874.3	3,867.8	14.0	5.5	137.40	71.8	166.2	256.1	238.1	18.06	14.179		
4,000.0	3,992.9	3,973.0	3,966.0	14.4	5.6	137.49	77.6	174.7	271.9	253.4	18.47	14.717		
4,100.0	4,092.3	4,071.8	4,064.3	14.8	5.7	137.57	83.3	183.3	287.7	268.8	18.89	15.230		
4,200.0	4,191.8	4,170.5	4,162.5	15.1	5.8	137.65	89.1	191.8	303.4	284.1	19.30	15.718		
4,300.0	4,291.2	4,269.3	4,260.7	15.5	5.9	137.71	94.9	200.4	319.2	299.5	19.72	16.184		
4,400.0	4,390.7	4,368.0	4,358.9	15.8	6.0	137.78	100.6	209.0	335.0	314.8	20.14	16.628		
4,500.0	4,490.1	4,466.8	4,457.1	16.2	6.1	137.83	106.4	217.5	350.7	330.2	20.57	17.052		
4,600.0	4,589.6	4,565.5	4,555.3	16.5	6.2	137.88	112.2	226.1	366.5	345.5	20.99	17.457		
4,700.0	4,689.0	4,664.3	4,653.5	16.9	6.3	137.93	117.9	234.7	382.2	360.8	21.42	17.844		
4,800.0	4,788.5	4,763.0	4,751.7	17.2	6.4	137.97	123.7	243.2	398.0	376.2	21.85	18.215		
4,900.0	4,887.9	4,861.8	4,849.9	17.6	6.5	138.01	129.4	251.8	413.8	391.5	22.28	18.569		
5,000.0	4,987.4	4,960.5	4,948.1	17.9	6.6	138.05	135.2	260.3	429.5	406.8	22.72	18.909		

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well GREEN BERET FED COM #702H
Project:	BULLDOG PROSPECT (NM-E)	TVD Reference:	KB=30' @ 3312.4usft (SCAN QUEST)
Reference Site:	GREEN BERET FEDERAL PROJECT (BULLDOG 2535)	MD Reference:	KB=30' @ 3312.4usft (SCAN QUEST)
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	GREEN BERET FED COM #702H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 15 Central Prod
Reference Design:	PWP1	Offset TVD Reference:	Offset Datum

Offset Design: GREEN BERET FEDERAL PROJECT (BULLDOG 2535) - GREEN BERET FED COM #801H - OWB - PWP1													Offset Site Error: 3.0 usft	
Survey Program: 0-Standard Keeper 104, 11925-MWD+IFR1+FDIR		Reference Offset		Semi Major Axis		Offset Wellbore Centre			Rule Assigned: Distance				Offset Well Error: 3.0 usft	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
5,100.0	5,086.9	5,059.3	5,046.3	18.3	6.7	138.08	141.0	268.9	445.3	422.2	23.15	19.234		
5,200.0	5,186.3	5,158.0	5,144.5	18.7	6.8	138.11	146.7	277.5	461.1	437.5	23.59	19.545		
5,300.0	5,285.8	5,256.8	5,242.7	19.0	6.9	138.14	152.5	286.0	476.8	452.8	24.03	19.844		
5,400.0	5,385.2	5,355.5	5,341.0	19.4	7.0	138.17	158.3	294.6	492.6	468.1	24.47	20.131		
5,500.0	5,484.7	5,454.3	5,439.2	19.7	7.1	138.20	164.0	303.1	508.4	483.5	24.91	20.407		
5,600.0	5,584.1	5,553.0	5,537.4	20.1	7.2	138.22	169.8	311.7	524.1	498.8	25.36	20.671		
5,700.0	5,683.6	5,651.8	5,635.6	20.5	7.3	138.24	175.6	320.3	539.9	514.1	25.80	20.926		
5,800.0	5,783.0	5,750.5	5,733.8	20.8	7.4	138.27	181.3	328.8	555.7	529.4	26.25	21.170		
5,900.0	5,882.5	5,849.2	5,832.0	21.2	7.6	138.29	187.1	337.4	571.4	544.7	26.70	21.405		
6,000.0	5,981.9	5,948.0	5,930.2	21.5	7.7	138.31	192.9	346.0	587.2	560.1	27.15	21.632		
6,100.0	6,081.4	6,046.7	6,028.4	21.9	7.8	138.32	198.6	354.5	603.0	575.4	27.60	21.850		
6,200.0	6,180.8	6,145.5	6,126.6	22.2	7.9	138.34	204.4	363.1	618.7	590.7	28.05	22.060		
6,300.0	6,280.3	6,244.2	6,224.8	22.6	8.0	138.36	210.2	371.6	634.5	606.0	28.50	22.263		
6,400.0	6,379.7	6,343.0	6,323.0	23.0	8.1	138.37	215.9	380.2	650.3	621.3	28.96	22.458		
6,500.0	6,479.2	6,441.7	6,421.2	23.3	8.2	138.39	221.7	388.8	666.0	636.6	29.41	22.646		
6,600.0	6,578.6	6,540.5	6,519.5	23.7	8.4	138.40	227.5	397.3	681.8	651.9	29.87	22.828		
6,700.0	6,678.1	6,639.2	6,617.7	24.0	8.5	138.42	233.2	405.9	697.6	667.3	30.32	23.004		
6,800.0	6,777.5	6,738.0	6,715.9	24.4	8.6	138.43	239.0	414.4	713.3	682.6	30.78	23.173		
6,900.0	6,877.0	6,836.7	6,814.1	24.8	8.7	138.44	244.8	423.0	729.1	697.9	31.24	23.337		
7,000.0	6,976.4	6,935.5	6,912.3	25.1	8.8	138.46	250.5	431.6	744.9	713.2	31.70	23.495		
7,100.0	7,075.9	7,034.2	7,010.5	25.5	8.9	138.47	256.3	440.1	760.6	728.5	32.16	23.648		
7,200.0	7,175.3	7,133.0	7,108.7	25.9	9.0	138.48	262.1	448.7	776.4	743.8	32.63	23.797		
7,302.7	7,277.5	7,234.4	7,209.6	26.2	9.2	138.49	268.0	457.5	792.6	759.5	33.10	23.944		
7,400.0	7,374.3	7,330.6	7,305.2	26.6	9.3	138.56	273.6	465.8	807.3	773.8	33.56	24.060		
7,500.0	7,474.0	7,429.6	7,403.7	26.9	9.4	138.54	279.4	474.4	821.2	787.2	34.02	24.136		
7,600.0	7,573.8	7,528.8	7,502.3	27.3	9.5	138.44	285.2	483.0	833.8	799.3	34.50	24.171		
7,700.0	7,673.7	7,628.1	7,601.1	27.7	9.6	138.25	291.0	491.6	845.1	810.1	34.97	24.166		
7,800.0	7,773.7	7,727.4	7,699.9	28.0	9.8	137.99	296.8	500.2	855.1	819.6	35.45	24.123		
7,902.7	7,876.4	7,829.6	7,801.5	28.4	9.9	95.35	302.7	509.1	864.1	828.1	35.94	24.043		
8,000.0	7,973.7	7,926.3	7,897.7	28.7	10.0	94.93	308.4	517.5	872.0	835.6	36.40	23.952		
8,100.0	8,073.7	8,025.8	7,996.6	29.1	10.1	94.50	314.2	526.1	880.1	843.3	36.89	23.861		
8,200.0	8,173.7	8,125.2	8,095.5	29.4	10.2	94.08	320.0	534.7	888.4	851.0	37.37	23.774		
8,300.0	8,273.7	8,224.7	8,194.4	29.8	10.4	93.67	325.8	543.3	896.6	858.8	37.85	23.689		
8,400.0	8,373.7	8,324.1	8,293.3	30.1	10.5	93.27	331.6	552.0	905.0	866.6	38.33	23.607		
8,500.0	8,473.7	8,423.6	8,392.2	30.5	10.6	92.87	337.4	560.6	913.3	874.5	38.82	23.528		
8,600.0	8,573.7	8,523.0	8,491.1	30.8	10.7	92.48	343.2	569.2	921.7	882.4	39.30	23.452		
8,700.0	8,673.7	8,622.5	8,590.0	31.2	10.9	92.10	349.0	577.8	930.2	890.4	39.79	23.378		
8,800.0	8,773.7	8,721.9	8,688.9	31.5	11.0	91.73	354.8	586.5	938.7	898.4	40.27	23.307		
8,900.0	8,873.7	8,821.4	8,787.9	31.9	11.1	91.36	360.6	595.1	947.2	906.4	40.76	23.238		
9,000.0	8,973.7	8,920.8	8,886.8	32.2	11.2	91.00	366.4	603.7	955.8	914.5	41.25	23.171		
9,100.0	9,073.7	9,023.6	8,988.9	32.6	11.4	90.63	372.4	612.6	964.3	922.6	41.75	23.099		
9,200.0	9,173.7	9,139.3	9,104.2	32.9	11.5	90.28	378.3	621.2	971.8	929.5	42.30	22.975		
9,300.0	9,273.7	9,255.4	9,220.0	33.3	11.6	90.01	382.8	628.0	977.6	934.8	42.84	22.822		
9,400.0	9,373.7	9,371.8	9,336.3	33.6	11.8	89.82	386.1	632.8	981.8	938.4	43.36	22.641		
9,500.0	9,473.7	9,488.4	9,452.8	34.0	11.9	89.71	388.0	635.7	984.2	940.3	43.88	22.430		
9,600.0	9,573.7	9,605.1	9,569.5	34.3	12.0	89.67	388.6	636.6	985.0	940.6	44.36	22.203		
9,602.4	9,576.1	9,608.0	9,572.4	34.4	12.1	89.67	388.6	636.6	985.0	940.6	44.37	22.197		
9,700.0	9,673.7	9,704.4	9,668.8	34.7	12.2	89.67	388.6	636.6	985.0	940.2	44.76	22.007		
9,800.0	9,773.7	9,804.4	9,768.8	35.1	12.3	89.67	388.6	636.6	985.0	939.8	45.16	21.812		
9,900.0	9,873.7	9,904.4	9,868.8	35.4	12.4	89.67	388.6	636.6	985.0	939.4	45.56	21.620		
10,000.0	9,973.7	10,004.4	9,968.8	35.8	12.5	89.67	388.6	636.6	985.0	939.0	45.96	21.432		

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well GREEN BERET FED COM #702H
Project:	BULLDOG PROSPECT (NM-E)	TVD Reference:	KB=30' @ 3312.4usft (SCAN QUEST)
Reference Site:	GREEN BERET FEDERAL PROJECT (BULLDOG 2535)	MD Reference:	KB=30' @ 3312.4usft (SCAN QUEST)
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	GREEN BERET FED COM #702H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 15 Central Prod
Reference Design:	PWP1	Offset TVD Reference:	Offset Datum

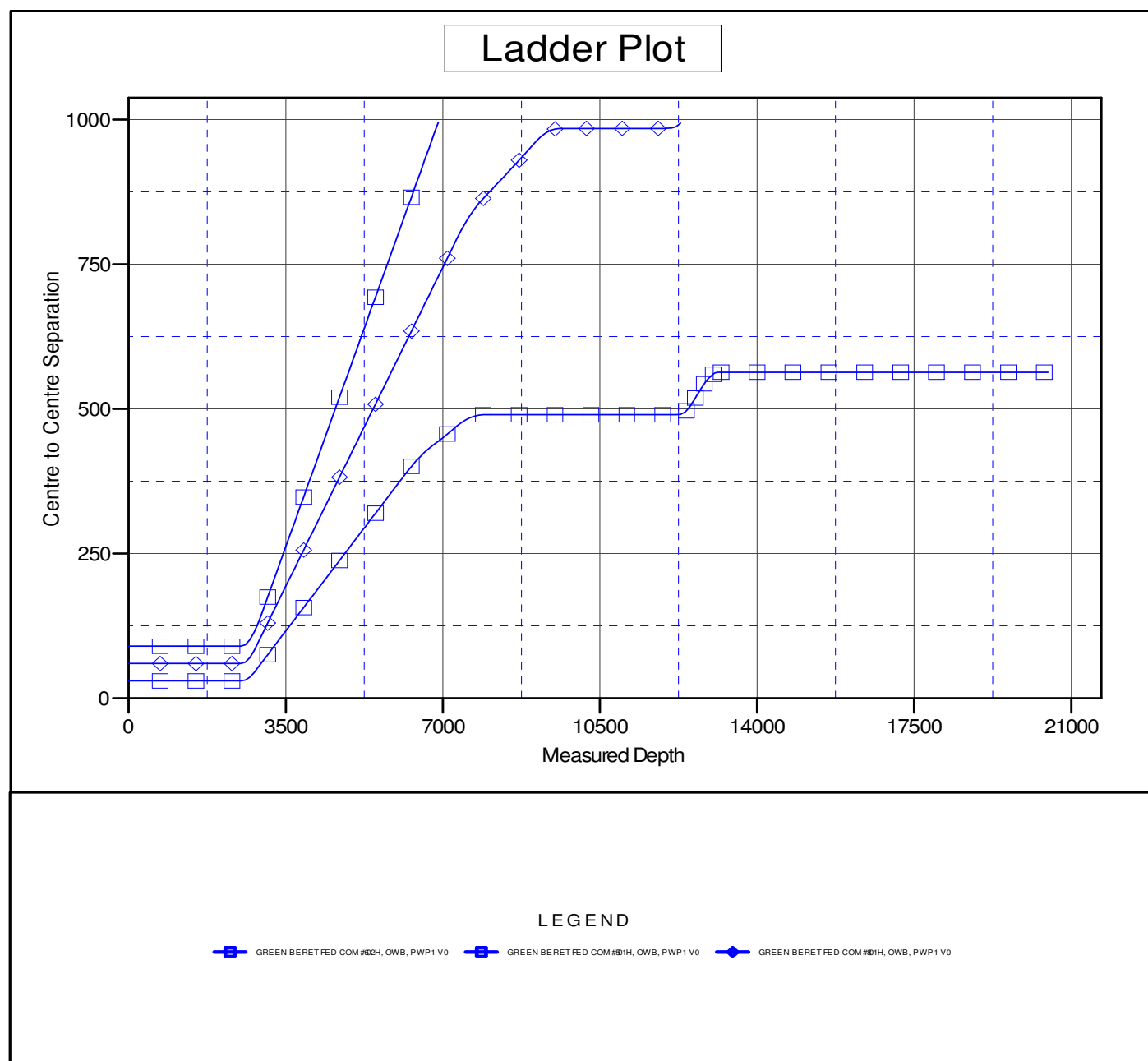
Offset Design: GREEN BERET FEDERAL PROJECT (BULLDOG 2535) - GREEN BERET FED COM #801H - OWB - PWP1												Offset Site Error:	3.0 usft
Survey Program: 0-Standard Keeper 104, 11925-MWD+IFR1+FDIR												Offset Well Error:	3.0 usft
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre		Rule Assigned:		Minimum Separation (usft)	Separation Factor	Warning
							+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)			
10,100.0	10,073.7	10,104.4	10,068.8	36.1	12.6	89.67	388.6	636.6	985.0	938.6	46.36	21.247	
10,200.0	10,173.7	10,204.4	10,168.8	36.5	12.7	89.67	388.6	636.6	985.0	938.2	46.76	21.064	
10,300.0	10,273.7	10,304.4	10,268.8	36.8	12.8	89.67	388.6	636.6	985.0	937.8	47.16	20.885	
10,400.0	10,373.7	10,404.4	10,368.8	37.2	12.9	89.67	388.6	636.6	985.0	937.4	47.56	20.709	
10,500.0	10,473.7	10,504.4	10,468.8	37.5	13.0	89.67	388.6	636.6	985.0	937.0	47.97	20.535	
10,600.0	10,573.7	10,604.4	10,568.8	37.9	13.1	89.67	388.6	636.6	985.0	936.6	48.37	20.364	
10,700.0	10,673.7	10,704.4	10,668.8	38.2	13.3	89.67	388.6	636.6	985.0	936.2	48.77	20.196	
10,800.0	10,773.7	10,804.4	10,768.8	38.6	13.4	89.67	388.6	636.6	985.0	935.8	49.17	20.030	
10,900.0	10,873.7	10,904.4	10,868.8	39.0	13.5	89.67	388.6	636.6	985.0	935.4	49.58	19.867	
11,000.0	10,973.7	11,004.4	10,968.8	39.3	13.6	89.67	388.6	636.6	985.0	935.0	49.98	19.707	
11,100.0	11,073.7	11,104.4	11,068.8	39.7	13.7	89.67	388.6	636.6	985.0	934.6	50.39	19.549	
11,200.0	11,173.7	11,204.4	11,168.8	40.0	13.8	89.67	388.6	636.6	985.0	934.2	50.79	19.393	
11,300.0	11,273.7	11,304.4	11,268.8	40.4	13.9	89.67	388.6	636.6	985.0	933.8	51.19	19.240	
11,400.0	11,373.7	11,404.4	11,368.8	40.7	14.0	89.67	388.6	636.6	985.0	933.4	51.60	19.089	
11,500.0	11,473.7	11,504.4	11,468.8	41.1	14.2	89.67	388.6	636.6	985.0	933.0	52.00	18.940	
11,600.0	11,573.7	11,604.4	11,568.8	41.4	14.3	89.67	388.6	636.6	985.0	932.6	52.41	18.794	
11,700.0	11,673.7	11,704.4	11,668.8	41.8	14.4	89.67	388.6	636.6	985.0	932.2	52.82	18.649	
11,800.0	11,773.7	11,804.4	11,768.8	42.1	14.5	89.67	388.6	636.6	985.0	931.8	53.22	18.507	
11,900.0	11,873.7	11,904.4	11,868.8	42.5	14.6	89.67	388.6	636.6	985.0	931.4	53.63	18.367	
11,907.8	11,881.5	11,912.2	11,876.6	42.5	14.6	89.67	388.6	636.6	985.0	931.3	53.66	18.357	
12,000.0	11,973.7	12,003.1	11,967.2	42.9	14.6	90.04	382.2	636.7	985.0	931.1	53.97	18.253	
12,100.0	12,073.7	12,095.5	12,056.3	43.2	14.7	91.42	358.5	636.9	985.6	931.4	54.24	18.171	
12,200.0	12,173.7	12,175.0	12,128.1	43.6	14.7	93.39	324.7	637.2	988.1	933.6	54.50	18.129	
12,300.0	12,273.7	12,243.9	12,185.2	43.9	14.8	95.62	286.0	637.5	994.2	939.4	54.81	18.140	

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well GREEN BERET FED COM #702H
Project:	BULLDOG PROSPECT (NM-E)	TVD Reference:	KB=30' @ 3312.4usft (SCAN QUEST)
Reference Site:	GREEN BERET FEDERAL PROJECT (BULLDOG 2535)	MD Reference:	KB=30' @ 3312.4usft (SCAN QUEST)
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	GREEN BERET FED COM #702H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 15 Central Prod
Reference Design:	PWP1	Offset TVD Reference:	Offset Datum

Reference Depths are relative to KB=30' @ 3312.4usft (SCAN QUEST) Coordinates are relative to: GREEN BERET FED COM #702H
 Offset Depths are relative to Offset Datum Coordinate System is US State Plane 1927 (Exact solution), New Mexico East 30
 Central Meridian is 104° 20' 0.000 W Grid Convergence at Surface is: 0.50°



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

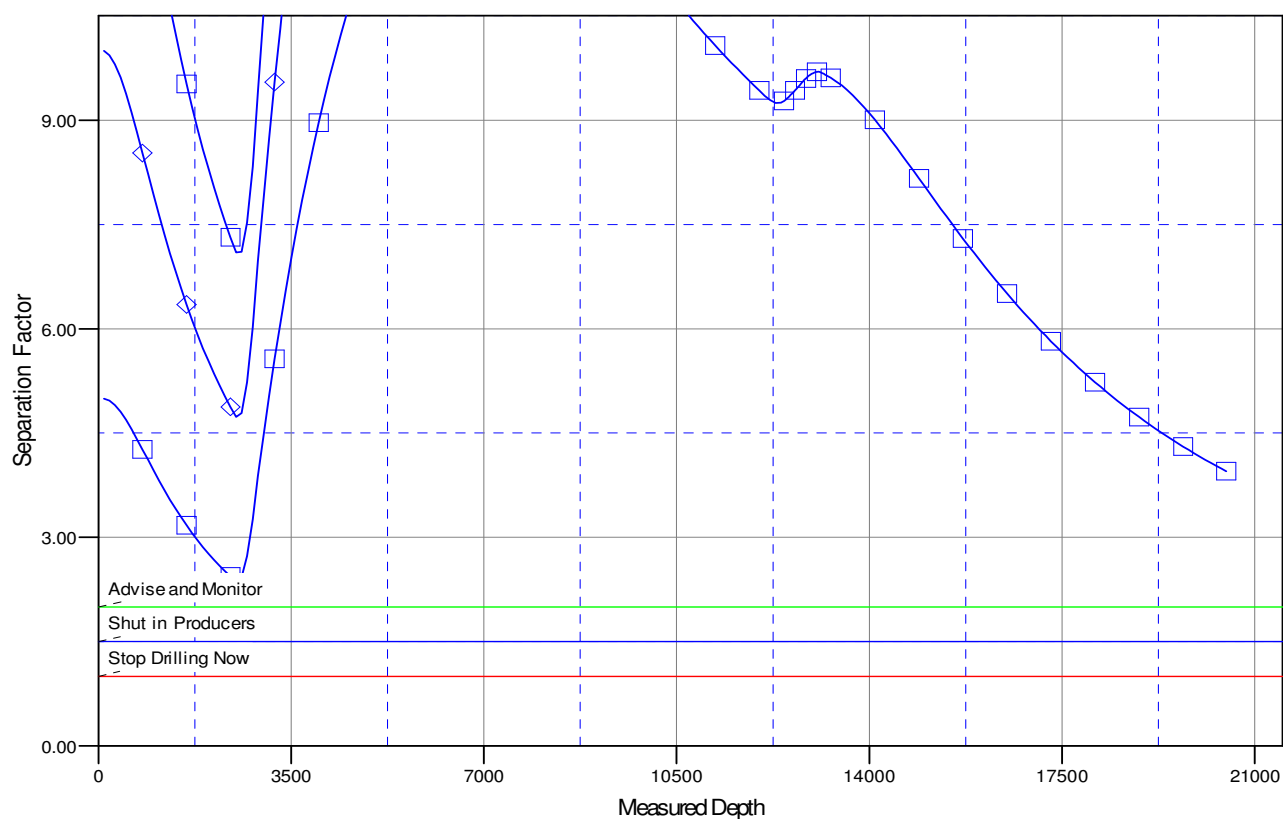
ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well GREEN BERET FED COM #702H
Project:	BULLDOG PROSPECT (NM-E)	TVD Reference:	KB=30' @ 3312.4usft (SCAN QUEST)
Reference Site:	GREEN BERET FEDERAL PROJECT (BULLDOG 2535)	MD Reference:	KB=30' @ 3312.4usft (SCAN QUEST)
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	GREEN BERET FED COM #702H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 15 Central Prod
Reference Design:	PWP1	Offset TVD Reference:	Offset Datum

Reference Depths are relative to KB=30' @ 3312.4usft (SCAN QUEST) Coordinates are relative to: GREEN BERET FED COM #702H
Offset Depths are relative to Offset Datum Coordinate System is US State Plane 1927 (Exact solution), New Mexico East 30
Central Meridian is 104° 20' 0.000 W Grid Convergence at Surface is: 0.50°

Separation Factor Plot



LEGEND

■ GREEN BERET FED COM #702H, OWB, PWP1 V0
■ GREEN BERET FED COM #701H, OWB, PWP1 V0
◆ GREEN BERET FED COM #701H, OWB, PWP1 V0

DELAWARE BASIN EAST

BULLDOG PROSPECT (NM-E)

GREEN BERET FEDERAL PROJECT (BULLDOG 2535)

GREEN BERET FED COM #702H

OWB

Plan: PWP1

Standard Survey Report

25 October, 2021

ConocoPhillips

Survey Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well GREEN BERET FED COM #702H
Project:	BULLDOG PROSPECT (NM-E)	TVD Reference:	KB=30' @ 3312.4usft (SCAN QUEST)
Site:	GREEN BERET FEDERAL PROJECT (BULLDOG 2535)	MD Reference:	KB=30' @ 3312.4usft (SCAN QUEST)
Well:	GREEN BERET FED COM #702H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	PWP1	Database:	EDT 15 Central Prod

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		

Well	GREEN BERET FED COM #702H				
Well Position	+N/-S	0.0 usft	Northing:	409,293.60 usft	Latitude: 32° 7' 18.231 N
	+E/-W	0.0 usft	Easting:	792,846.20 usft	Longitude: 103° 23' 14.708 W
Position Uncertainty		3.0 usft	Wellhead Elevation:	usft	Ground Level: 3,282.4 usft

Wellbore	OWB				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2021	10/25/2021	6.32	59.73	47,555.94032024

Design	PWP1				
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	182.14	

Survey Tool Program	Date	10/25/2021			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
0.0	20,480.6	PWP1 (OWB)	MWD+IFR1+FDIR	OWSG MWD + IFR1 + FDIR Correction	

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

ConocoPhillips

Survey Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well GREEN BERET FED COM #702H
Project:	BULLDOG PROSPECT (NM-E)	TVD Reference:	KB=30' @ 3312.4usft (SCAN QUEST)
Site:	GREEN BERET FEDERAL PROJECT (BULLDOG 2535)	MD Reference:	KB=30' @ 3312.4usft (SCAN QUEST)
Well:	GREEN BERET FED COM #702H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	PWP1	Database:	EDT 15 Central Prod

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	0.00
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	0.00
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.0	0.00	0.00	0.00
1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.0	0.00	0.00	0.00
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.0	0.00	0.00	0.00
2,100.0	0.00	0.00	2,100.0	0.0	0.0	0.0	0.00	0.00	0.00
2,200.0	0.00	0.00	2,200.0	0.0	0.0	0.0	0.00	0.00	0.00
2,300.0	0.00	0.00	2,300.0	0.0	0.0	0.0	0.00	0.00	0.00
2,400.0	0.00	0.00	2,400.0	0.0	0.0	0.0	0.00	0.00	0.00
2,500.0	0.00	0.00	2,500.0	0.0	0.0	0.0	0.00	0.00	0.00
Start Build 2.00									
2,600.0	2.00	317.71	2,600.0	1.3	-1.2	-1.2	2.00	2.00	0.00
2,700.0	4.00	317.71	2,699.8	5.2	-4.7	-5.0	2.00	2.00	0.00
2,800.0	6.00	317.71	2,799.5	11.6	-10.6	-11.2	2.00	2.00	0.00
Start 4502.7 hold at 2800.0 MD									
2,900.0	6.00	317.71	2,898.9	19.3	-17.6	-18.7	0.00	0.00	0.00
3,000.0	6.00	317.71	2,998.4	27.1	-24.6	-26.1	0.00	0.00	0.00
3,100.0	6.00	317.71	3,097.8	34.8	-31.7	-33.6	0.00	0.00	0.00
3,200.0	6.00	317.71	3,197.3	42.5	-38.7	-41.1	0.00	0.00	0.00
3,300.0	6.00	317.71	3,296.7	50.3	-45.7	-48.5	0.00	0.00	0.00
3,400.0	6.00	317.71	3,396.2	58.0	-52.8	-56.0	0.00	0.00	0.00
3,500.0	6.00	317.71	3,495.6	65.7	-59.8	-63.5	0.00	0.00	0.00
3,600.0	6.00	317.71	3,595.1	73.5	-66.8	-70.9	0.00	0.00	0.00
3,700.0	6.00	317.71	3,694.5	81.2	-73.9	-78.4	0.00	0.00	0.00
3,800.0	6.00	317.71	3,794.0	88.9	-80.9	-85.9	0.00	0.00	0.00
3,900.0	6.00	317.71	3,893.4	96.7	-87.9	-93.3	0.00	0.00	0.00
4,000.0	6.00	317.71	3,992.9	104.4	-95.0	-100.8	0.00	0.00	0.00
4,100.0	6.00	317.71	4,092.3	112.1	-102.0	-108.2	0.00	0.00	0.00
4,200.0	6.00	317.71	4,191.8	119.9	-109.0	-115.7	0.00	0.00	0.00
4,300.0	6.00	317.71	4,291.2	127.6	-116.1	-123.2	0.00	0.00	0.00
4,400.0	6.00	317.71	4,390.7	135.3	-123.1	-130.6	0.00	0.00	0.00
4,500.0	6.00	317.71	4,490.1	143.1	-130.1	-138.1	0.00	0.00	0.00
4,600.0	6.00	317.71	4,589.6	150.8	-137.2	-145.6	0.00	0.00	0.00
4,700.0	6.00	317.71	4,689.0	158.5	-144.2	-153.0	0.00	0.00	0.00
4,800.0	6.00	317.71	4,788.5	166.3	-151.2	-160.5	0.00	0.00	0.00
4,900.0	6.00	317.71	4,887.9	174.0	-158.3	-168.0	0.00	0.00	0.00
5,000.0	6.00	317.71	4,987.4	181.7	-165.3	-175.4	0.00	0.00	0.00
5,100.0	6.00	317.71	5,086.9	189.5	-172.3	-182.9	0.00	0.00	0.00
5,200.0	6.00	317.71	5,186.3	197.2	-179.4	-190.4	0.00	0.00	0.00
5,300.0	6.00	317.71	5,285.8	204.9	-186.4	-197.8	0.00	0.00	0.00
5,400.0	6.00	317.71	5,385.2	212.7	-193.4	-205.3	0.00	0.00	0.00

ConocoPhillips

Survey Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well GREEN BERET FED COM #702H
Project:	BULLDOG PROSPECT (NM-E)	TVD Reference:	KB=30' @ 3312.4usft (SCAN QUEST)
Site:	GREEN BERET FEDERAL PROJECT (BULLDOG 2535)	MD Reference:	KB=30' @ 3312.4usft (SCAN QUEST)
Well:	GREEN BERET FED COM #702H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	PWP1	Database:	EDT 15 Central Prod

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,500.0	6.00	317.71	5,484.7	220.4	-200.5	-212.8	0.00	0.00	0.00
5,600.0	6.00	317.71	5,584.1	228.1	-207.5	-220.2	0.00	0.00	0.00
5,700.0	6.00	317.71	5,683.6	235.9	-214.5	-227.7	0.00	0.00	0.00
5,800.0	6.00	317.71	5,783.0	243.6	-221.6	-235.2	0.00	0.00	0.00
5,900.0	6.00	317.71	5,882.5	251.3	-228.6	-242.6	0.00	0.00	0.00
6,000.0	6.00	317.71	5,981.9	259.0	-235.6	-250.1	0.00	0.00	0.00
6,100.0	6.00	317.71	6,081.4	266.8	-242.7	-257.5	0.00	0.00	0.00
6,200.0	6.00	317.71	6,180.8	274.5	-249.7	-265.0	0.00	0.00	0.00
6,300.0	6.00	317.71	6,280.3	282.2	-256.7	-272.5	0.00	0.00	0.00
6,400.0	6.00	317.71	6,379.7	290.0	-263.8	-279.9	0.00	0.00	0.00
6,500.0	6.00	317.71	6,479.2	297.7	-270.8	-287.4	0.00	0.00	0.00
6,600.0	6.00	317.71	6,578.6	305.4	-277.8	-294.9	0.00	0.00	0.00
6,700.0	6.00	317.71	6,678.1	313.2	-284.9	-302.3	0.00	0.00	0.00
6,800.0	6.00	317.71	6,777.5	320.9	-291.9	-309.8	0.00	0.00	0.00
6,900.0	6.00	317.71	6,877.0	328.6	-298.9	-317.3	0.00	0.00	0.00
7,000.0	6.00	317.71	6,976.4	336.4	-306.0	-324.7	0.00	0.00	0.00
7,100.0	6.00	317.71	7,075.9	344.1	-313.0	-332.2	0.00	0.00	0.00
7,200.0	6.00	317.71	7,175.3	351.8	-320.0	-339.7	0.00	0.00	0.00
7,300.0	6.00	317.71	7,274.8	359.6	-327.1	-347.1	0.00	0.00	0.00
7,302.7	6.00	317.71	7,277.5	359.8	-327.3	-347.3	0.00	0.00	0.00
Start Drop -1.00									
7,400.0	5.03	317.71	7,374.3	366.7	-333.6	-354.0	1.00	-1.00	0.00
7,500.0	4.03	317.71	7,474.0	372.5	-338.9	-359.6	1.00	-1.00	0.00
7,600.0	3.03	317.71	7,573.8	377.1	-343.0	-364.0	1.00	-1.00	0.00
7,700.0	2.03	317.71	7,673.7	380.3	-346.0	-367.2	1.00	-1.00	0.00
7,800.0	1.03	317.71	7,773.7	382.3	-347.8	-369.1	1.00	-1.00	0.00
7,900.0	0.03	317.71	7,873.7	383.0	-348.4	-369.7	1.00	-1.00	0.00
7,902.7	0.00	0.00	7,876.4	383.0	-348.4	-369.7	1.00	-1.00	0.00
Start 4513.1 hold at 7902.7 MD									
8,000.0	0.00	0.00	7,973.7	383.0	-348.4	-369.7	0.00	0.00	0.00
8,100.0	0.00	0.00	8,073.7	383.0	-348.4	-369.7	0.00	0.00	0.00
8,200.0	0.00	0.00	8,173.7	383.0	-348.4	-369.7	0.00	0.00	0.00
8,300.0	0.00	0.00	8,273.7	383.0	-348.4	-369.7	0.00	0.00	0.00
8,400.0	0.00	0.00	8,373.7	383.0	-348.4	-369.7	0.00	0.00	0.00
8,500.0	0.00	0.00	8,473.7	383.0	-348.4	-369.7	0.00	0.00	0.00
8,600.0	0.00	0.00	8,573.7	383.0	-348.4	-369.7	0.00	0.00	0.00
8,700.0	0.00	0.00	8,673.7	383.0	-348.4	-369.7	0.00	0.00	0.00
8,800.0	0.00	0.00	8,773.7	383.0	-348.4	-369.7	0.00	0.00	0.00
8,900.0	0.00	0.00	8,873.7	383.0	-348.4	-369.7	0.00	0.00	0.00
9,000.0	0.00	0.00	8,973.7	383.0	-348.4	-369.7	0.00	0.00	0.00
9,100.0	0.00	0.00	9,073.7	383.0	-348.4	-369.7	0.00	0.00	0.00
9,200.0	0.00	0.00	9,173.7	383.0	-348.4	-369.7	0.00	0.00	0.00
9,300.0	0.00	0.00	9,273.7	383.0	-348.4	-369.7	0.00	0.00	0.00

ConocoPhillips

Survey Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well GREEN BERET FED COM #702H
Project:	BULLDOG PROSPECT (NM-E)	TVD Reference:	KB=30' @ 3312.4usft (SCAN QUEST)
Site:	GREEN BERET FEDERAL PROJECT (BULLDOG 2535)	MD Reference:	KB=30' @ 3312.4usft (SCAN QUEST)
Well:	GREEN BERET FED COM #702H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	PWP1	Database:	EDT 15 Central Prod

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)
9,400.0	0.00	0.00	9,373.7	383.0	-348.4	-369.7	0.00	0.00	0.00
9,500.0	0.00	0.00	9,473.7	383.0	-348.4	-369.7	0.00	0.00	0.00
9,600.0	0.00	0.00	9,573.7	383.0	-348.4	-369.7	0.00	0.00	0.00
9,700.0	0.00	0.00	9,673.7	383.0	-348.4	-369.7	0.00	0.00	0.00
9,800.0	0.00	0.00	9,773.7	383.0	-348.4	-369.7	0.00	0.00	0.00
9,900.0	0.00	0.00	9,873.7	383.0	-348.4	-369.7	0.00	0.00	0.00
10,000.0	0.00	0.00	9,973.7	383.0	-348.4	-369.7	0.00	0.00	0.00
10,100.0	0.00	0.00	10,073.7	383.0	-348.4	-369.7	0.00	0.00	0.00
10,200.0	0.00	0.00	10,173.7	383.0	-348.4	-369.7	0.00	0.00	0.00
10,300.0	0.00	0.00	10,273.7	383.0	-348.4	-369.7	0.00	0.00	0.00
10,400.0	0.00	0.00	10,373.7	383.0	-348.4	-369.7	0.00	0.00	0.00
10,500.0	0.00	0.00	10,473.7	383.0	-348.4	-369.7	0.00	0.00	0.00
10,600.0	0.00	0.00	10,573.7	383.0	-348.4	-369.7	0.00	0.00	0.00
10,700.0	0.00	0.00	10,673.7	383.0	-348.4	-369.7	0.00	0.00	0.00
10,800.0	0.00	0.00	10,773.7	383.0	-348.4	-369.7	0.00	0.00	0.00
10,900.0	0.00	0.00	10,873.7	383.0	-348.4	-369.7	0.00	0.00	0.00
11,000.0	0.00	0.00	10,973.7	383.0	-348.4	-369.7	0.00	0.00	0.00
11,100.0	0.00	0.00	11,073.7	383.0	-348.4	-369.7	0.00	0.00	0.00
11,200.0	0.00	0.00	11,173.7	383.0	-348.4	-369.7	0.00	0.00	0.00
11,300.0	0.00	0.00	11,273.7	383.0	-348.4	-369.7	0.00	0.00	0.00
11,400.0	0.00	0.00	11,373.7	383.0	-348.4	-369.7	0.00	0.00	0.00
11,500.0	0.00	0.00	11,473.7	383.0	-348.4	-369.7	0.00	0.00	0.00
11,600.0	0.00	0.00	11,573.7	383.0	-348.4	-369.7	0.00	0.00	0.00
11,700.0	0.00	0.00	11,673.7	383.0	-348.4	-369.7	0.00	0.00	0.00
11,800.0	0.00	0.00	11,773.7	383.0	-348.4	-369.7	0.00	0.00	0.00
11,900.0	0.00	0.00	11,873.7	383.0	-348.4	-369.7	0.00	0.00	0.00
12,000.0	0.00	0.00	11,973.7	383.0	-348.4	-369.7	0.00	0.00	0.00
12,100.0	0.00	0.00	12,073.7	383.0	-348.4	-369.7	0.00	0.00	0.00
12,200.0	0.00	0.00	12,173.7	383.0	-348.4	-369.7	0.00	0.00	0.00
12,300.0	0.00	0.00	12,273.7	383.0	-348.4	-369.7	0.00	0.00	0.00
12,400.0	0.00	0.00	12,373.7	383.0	-348.4	-369.7	0.00	0.00	0.00
12,415.8	0.00	0.00	12,389.5	383.0	-348.4	-369.7	0.00	0.00	0.00
Start DLS 12.00 TFO 179.47									
12,500.0	10.10	179.47	12,473.3	375.6	-348.3	-362.3	12.00	12.00	0.00
12,600.0	22.10	179.47	12,569.2	347.9	-348.1	-334.7	12.00	12.00	0.00
12,700.0	34.10	179.47	12,657.2	300.9	-347.6	-287.7	12.00	12.00	0.00
12,800.0	46.10	179.47	12,733.6	236.6	-347.0	-223.5	12.00	12.00	0.00
12,900.0	58.10	179.47	12,794.9	157.8	-346.3	-144.8	12.00	12.00	0.00
13,000.0	70.10	179.47	12,838.5	68.0	-345.5	-55.1	12.00	12.00	0.00
13,100.0	82.10	179.47	12,862.4	-28.8	-344.6	41.7	12.00	12.00	0.00
13,163.2	89.69	179.47	12,867.0	-91.8	-344.0	104.6	12.00	12.00	0.00
Start 7317.4 hold at 13163.2 MD									
13,200.0	89.69	179.47	12,867.2	-128.6	-343.7	141.4	0.00	0.00	0.00

ConocoPhillips

Survey Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well GREEN BERET FED COM #702H
Project:	BULLDOG PROSPECT (NM-E)	TVD Reference:	KB=30' @ 3312.4usft (SCAN QUEST)
Site:	GREEN BERET FEDERAL PROJECT (BULLDOG 2535)	MD Reference:	KB=30' @ 3312.4usft (SCAN QUEST)
Well:	GREEN BERET FED COM #702H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	PWP1	Database:	EDT 15 Central Prod

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)
13,300.0	89.69	179.47	12,867.7	-228.6	-342.7	241.2	0.00	0.00	0.00
13,400.0	89.69	179.47	12,868.3	-328.6	-341.8	341.1	0.00	0.00	0.00
13,500.0	89.69	179.47	12,868.8	-428.6	-340.9	441.0	0.00	0.00	0.00
13,600.0	89.69	179.47	12,869.3	-528.6	-340.0	540.9	0.00	0.00	0.00
13,700.0	89.69	179.47	12,869.9	-628.6	-339.0	640.8	0.00	0.00	0.00
13,800.0	89.69	179.47	12,870.4	-728.6	-338.1	740.7	0.00	0.00	0.00
13,900.0	89.69	179.47	12,871.0	-828.6	-337.2	840.6	0.00	0.00	0.00
14,000.0	89.69	179.47	12,871.5	-928.6	-336.3	940.5	0.00	0.00	0.00
14,100.0	89.69	179.47	12,872.1	-1,028.6	-335.4	1,040.4	0.00	0.00	0.00
14,200.0	89.69	179.47	12,872.6	-1,128.6	-334.4	1,140.3	0.00	0.00	0.00
14,300.0	89.69	179.47	12,873.2	-1,228.6	-333.5	1,240.2	0.00	0.00	0.00
14,400.0	89.69	179.47	12,873.7	-1,328.6	-332.6	1,340.0	0.00	0.00	0.00
14,500.0	89.69	179.47	12,874.3	-1,428.6	-331.7	1,439.9	0.00	0.00	0.00
14,600.0	89.69	179.47	12,874.8	-1,528.6	-330.7	1,539.8	0.00	0.00	0.00
14,700.0	89.69	179.47	12,875.4	-1,628.5	-329.8	1,639.7	0.00	0.00	0.00
14,800.0	89.69	179.47	12,875.9	-1,728.5	-328.9	1,739.6	0.00	0.00	0.00
14,900.0	89.69	179.47	12,876.5	-1,828.5	-328.0	1,839.5	0.00	0.00	0.00
15,000.0	89.69	179.47	12,877.0	-1,928.5	-327.1	1,939.4	0.00	0.00	0.00
15,100.0	89.69	179.47	12,877.6	-2,028.5	-326.1	2,039.3	0.00	0.00	0.00
15,200.0	89.69	179.47	12,878.1	-2,128.5	-325.2	2,139.2	0.00	0.00	0.00
15,300.0	89.69	179.47	12,878.7	-2,228.5	-324.3	2,239.1	0.00	0.00	0.00
15,400.0	89.69	179.47	12,879.2	-2,328.5	-323.4	2,338.9	0.00	0.00	0.00
15,500.0	89.69	179.47	12,879.7	-2,428.5	-322.4	2,438.8	0.00	0.00	0.00
15,600.0	89.69	179.47	12,880.3	-2,528.5	-321.5	2,538.7	0.00	0.00	0.00
15,700.0	89.69	179.47	12,880.8	-2,628.5	-320.6	2,638.6	0.00	0.00	0.00
15,800.0	89.69	179.47	12,881.4	-2,728.5	-319.7	2,738.5	0.00	0.00	0.00
15,900.0	89.69	179.47	12,881.9	-2,828.5	-318.8	2,838.4	0.00	0.00	0.00
16,000.0	89.69	179.47	12,882.5	-2,928.5	-317.8	2,938.3	0.00	0.00	0.00
16,100.0	89.69	179.47	12,883.0	-3,028.5	-316.9	3,038.2	0.00	0.00	0.00
16,200.0	89.69	179.47	12,883.6	-3,128.5	-316.0	3,138.1	0.00	0.00	0.00
16,300.0	89.69	179.47	12,884.1	-3,228.5	-315.1	3,238.0	0.00	0.00	0.00
16,400.0	89.69	179.47	12,884.7	-3,328.4	-314.1	3,337.8	0.00	0.00	0.00
16,500.0	89.69	179.47	12,885.2	-3,428.4	-313.2	3,437.7	0.00	0.00	0.00
16,600.0	89.69	179.47	12,885.8	-3,528.4	-312.3	3,537.6	0.00	0.00	0.00
16,700.0	89.69	179.47	12,886.3	-3,628.4	-311.4	3,637.5	0.00	0.00	0.00
16,800.0	89.69	179.47	12,886.9	-3,728.4	-310.5	3,737.4	0.00	0.00	0.00
16,900.0	89.69	179.47	12,887.4	-3,828.4	-309.5	3,837.3	0.00	0.00	0.00
17,000.0	89.69	179.47	12,888.0	-3,928.4	-308.6	3,937.2	0.00	0.00	0.00
17,100.0	89.69	179.47	12,888.5	-4,028.4	-307.7	4,037.1	0.00	0.00	0.00
17,200.0	89.69	179.47	12,889.0	-4,128.4	-306.8	4,137.0	0.00	0.00	0.00
17,300.0	89.69	179.47	12,889.6	-4,228.4	-305.8	4,236.9	0.00	0.00	0.00
17,400.0	89.69	179.47	12,890.1	-4,328.4	-304.9	4,336.8	0.00	0.00	0.00
17,500.0	89.69	179.47	12,890.7	-4,428.4	-304.0	4,436.6	0.00	0.00	0.00

ConocoPhillips

Survey Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well GREEN BERET FED COM #702H
Project:	BULLDOG PROSPECT (NM-E)	TVD Reference:	KB=30' @ 3312.4usft (SCAN QUEST)
Site:	GREEN BERET FEDERAL PROJECT (BULLDOG 2535)	MD Reference:	KB=30' @ 3312.4usft (SCAN QUEST)
Well:	GREEN BERET FED COM #702H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	PWP1	Database:	EDT 15 Central Prod

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)
17,600.0	89.69	179.47	12,891.2	-4,528.4	-303.1	4,536.5	0.00	0.00	0.00
17,700.0	89.69	179.47	12,891.8	-4,628.4	-302.2	4,636.4	0.00	0.00	0.00
17,800.0	89.69	179.47	12,892.3	-4,728.4	-301.2	4,736.3	0.00	0.00	0.00
17,900.0	89.69	179.47	12,892.9	-4,828.4	-300.3	4,836.2	0.00	0.00	0.00
18,000.0	89.69	179.47	12,893.4	-4,928.4	-299.4	4,936.1	0.00	0.00	0.00
18,100.0	89.69	179.47	12,894.0	-5,028.4	-298.5	5,036.0	0.00	0.00	0.00
18,200.0	89.69	179.47	12,894.5	-5,128.3	-297.5	5,135.9	0.00	0.00	0.00
18,300.0	89.69	179.47	12,895.1	-5,228.3	-296.6	5,235.8	0.00	0.00	0.00
18,400.0	89.69	179.47	12,895.6	-5,328.3	-295.7	5,335.7	0.00	0.00	0.00
18,500.0	89.69	179.47	12,896.2	-5,428.3	-294.8	5,435.5	0.00	0.00	0.00
18,600.0	89.69	179.47	12,896.7	-5,528.3	-293.8	5,535.4	0.00	0.00	0.00
18,700.0	89.69	179.47	12,897.3	-5,628.3	-292.9	5,635.3	0.00	0.00	0.00
18,800.0	89.69	179.47	12,897.8	-5,728.3	-292.0	5,735.2	0.00	0.00	0.00
18,900.0	89.69	179.47	12,898.4	-5,828.3	-291.1	5,835.1	0.00	0.00	0.00
19,000.0	89.69	179.47	12,898.9	-5,928.3	-290.2	5,935.0	0.00	0.00	0.00
19,100.0	89.69	179.47	12,899.4	-6,028.3	-289.2	6,034.9	0.00	0.00	0.00
19,200.0	89.69	179.47	12,900.0	-6,128.3	-288.3	6,134.8	0.00	0.00	0.00
19,300.0	89.69	179.47	12,900.5	-6,228.3	-287.4	6,234.7	0.00	0.00	0.00
19,400.0	89.69	179.47	12,901.1	-6,328.3	-286.5	6,334.6	0.00	0.00	0.00
19,500.0	89.69	179.47	12,901.6	-6,428.3	-285.5	6,434.4	0.00	0.00	0.00
19,600.0	89.69	179.47	12,902.2	-6,528.3	-284.6	6,534.3	0.00	0.00	0.00
19,700.0	89.69	179.47	12,902.7	-6,628.3	-283.7	6,634.2	0.00	0.00	0.00
19,800.0	89.69	179.47	12,903.3	-6,728.3	-282.8	6,734.1	0.00	0.00	0.00
19,900.0	89.69	179.47	12,903.8	-6,828.2	-281.9	6,834.0	0.00	0.00	0.00
20,000.0	89.69	179.47	12,904.4	-6,928.2	-280.9	6,933.9	0.00	0.00	0.00
20,100.0	89.69	179.47	12,904.9	-7,028.2	-280.0	7,033.8	0.00	0.00	0.00
20,200.0	89.69	179.47	12,905.5	-7,128.2	-279.1	7,133.7	0.00	0.00	0.00
20,300.0	89.69	179.47	12,906.0	-7,228.2	-278.2	7,233.6	0.00	0.00	0.00
20,400.0	89.69	179.47	12,906.6	-7,328.2	-277.2	7,333.5	0.00	0.00	0.00
20,480.6	89.69	179.47	12,907.0	-7,408.8	-276.5	7,414.0	0.00	0.00	0.00
TD at 20480.6									

ConocoPhillips

Survey Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well GREEN BERET FED COM #702H
Project:	BULLDOG PROSPECT (NM-E)	TVD Reference:	KB=30' @ 3312.4usft (SCAN QUEST)
Site:	GREEN BERET FEDERAL PROJECT (BULLDOG 2535)	MD Reference:	KB=30' @ 3312.4usft (SCAN QUEST)
Well:	GREEN BERET FED COM #702H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	PWP1	Database:	EDT 15 Central Prod

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 183.8usft at 12800.0usft MD (12733.6 TVD, 236.6 N, -347.0 E) - Circle (radius 50.0)	0.00	0.01	12,867.0	363.0	-348.3	409,656.60	792,497.90	32° 7' 21.853 N	103° 23' 18.721 W
PBHL (GREEN BERE - plan hits target center - Rectangle (sides W100.0 H7,772.0 D20.0)	-0.31	359.47	12,907.0	-7,408.8	-276.5	401,884.80	792,569.70	32° 6' 4.944 N	103° 23' 18.678 W
LTP (GREEN BERET - plan misses target center by 30.6usft at 20400.0usft MD (12906.6 TVD, -7328.2 N, -277.2 E) - Point	0.00	0.00	12,907.0	-7,358.8	-277.0	401,934.80	792,569.20	32° 6' 5.438 N	103° 23' 18.679 W

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
2500	2500	0	0	Start Build 2.00
2800	2799	12	-11	Start 4502.7 hold at 2800.0 MD
7303	7278	360	-327	Start Drop -1.00
7903	7876	383	-348	Start 4513.1 hold at 7902.7 MD
12,416	12,390	383	-348	Start DLS 12.00 TFO 179.47
13,163	12,867	-92	-344	Start 7317.4 hold at 13163.2 MD
20,481	12,907	-7409	-276	TD at 20480.6

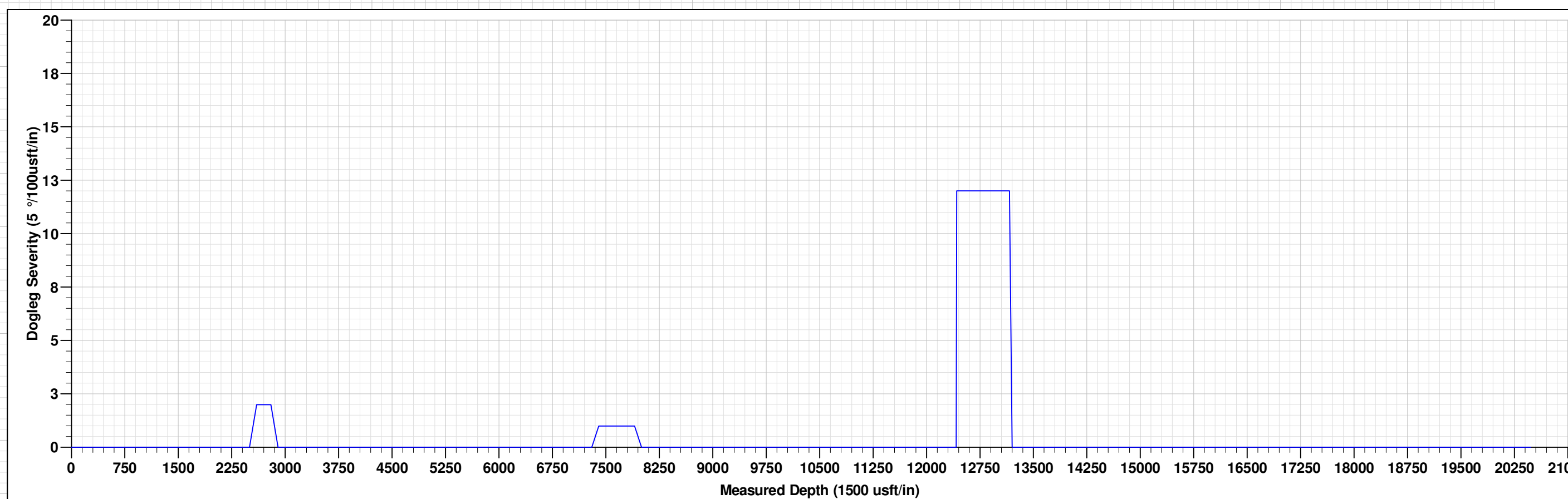
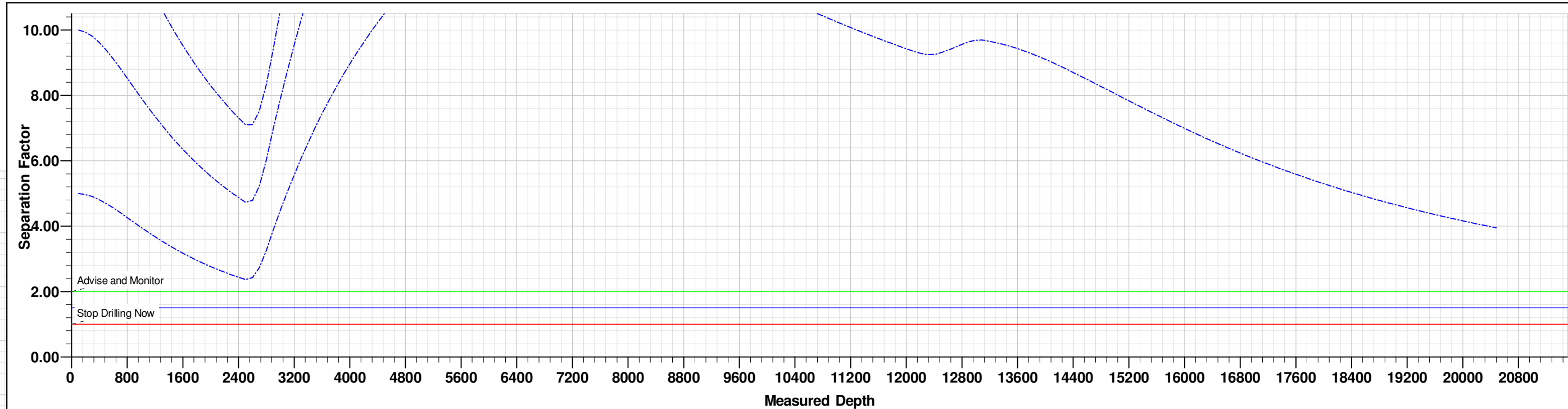
Checked By: _____ Approved By: _____ Date: _____

WELL DETAILS: GREEN BERET FED COM #702H

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.0	0.0	409293.60	792846.20	32° 7' 18.231 N	103° 23' 14.708 W

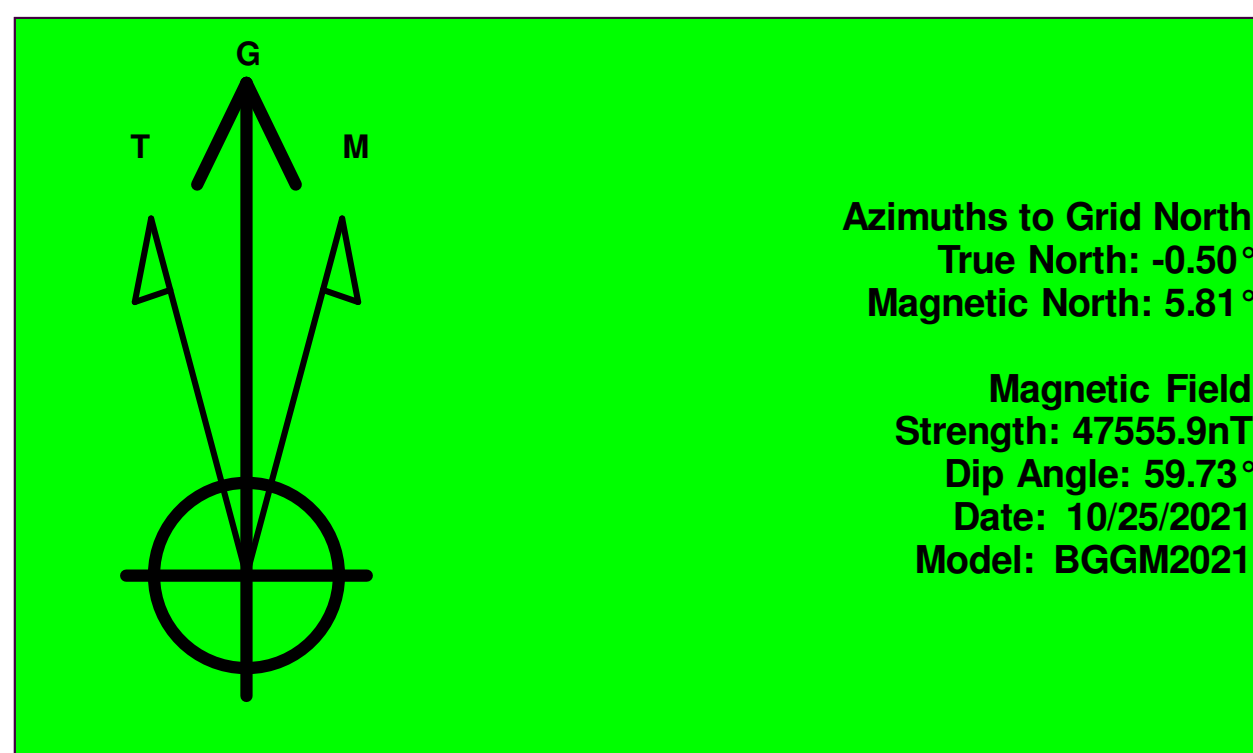
DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
FTP (GREEN BERET FED COM #702H)	12867.0	363.0	-348.3	409656.60	792497.90	32° 7' 21.853 N	103° 23' 18.721 W
LTP (GREEN BERET FED COM #702H)	12907.0	-7358.8	-277.0	401934.80	792569.20	32° 6' 5.438 N	103° 23' 18.679 W
PBHL (GREEN BERET FED COM #702H)	12907.0	-7408.8	-276.5	401884.80	792569.70	32° 6' 4.944 N	103° 23' 18.678 W



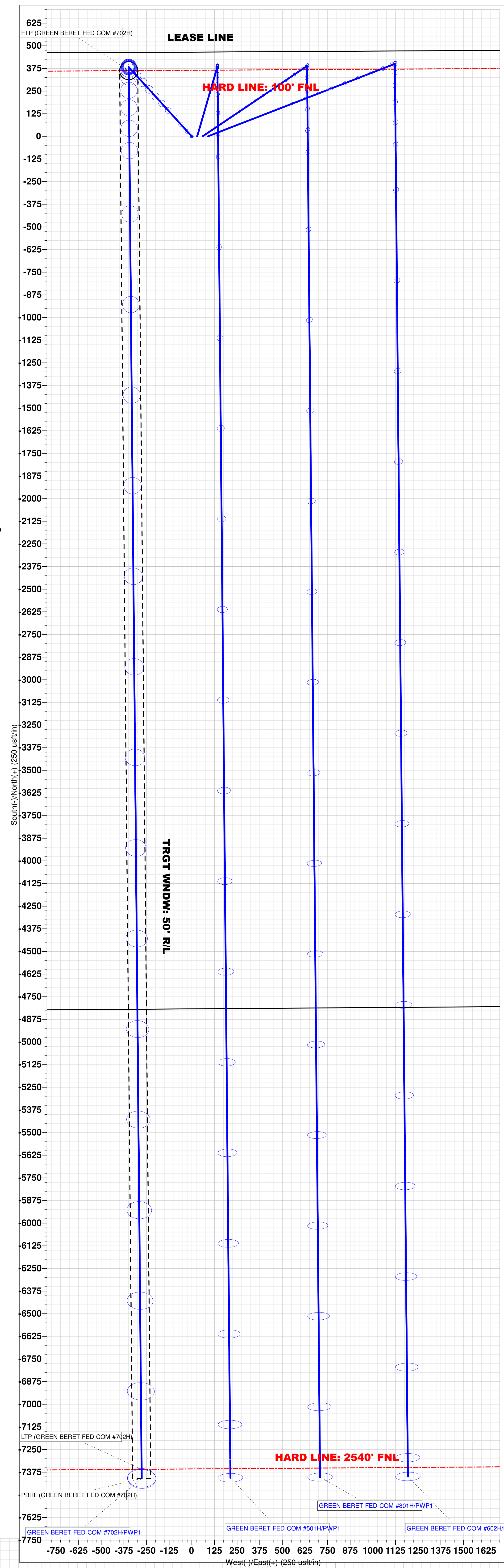
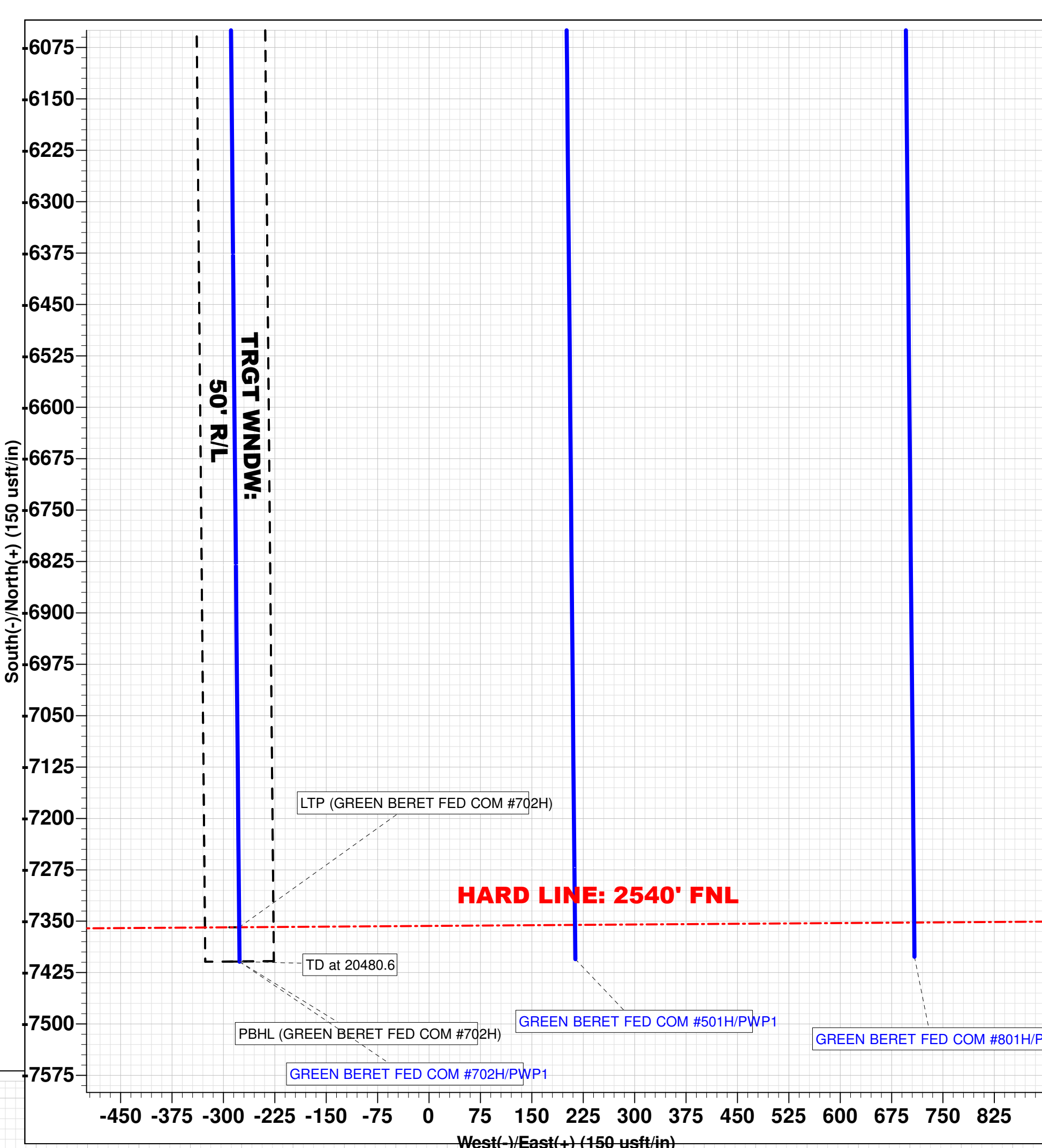
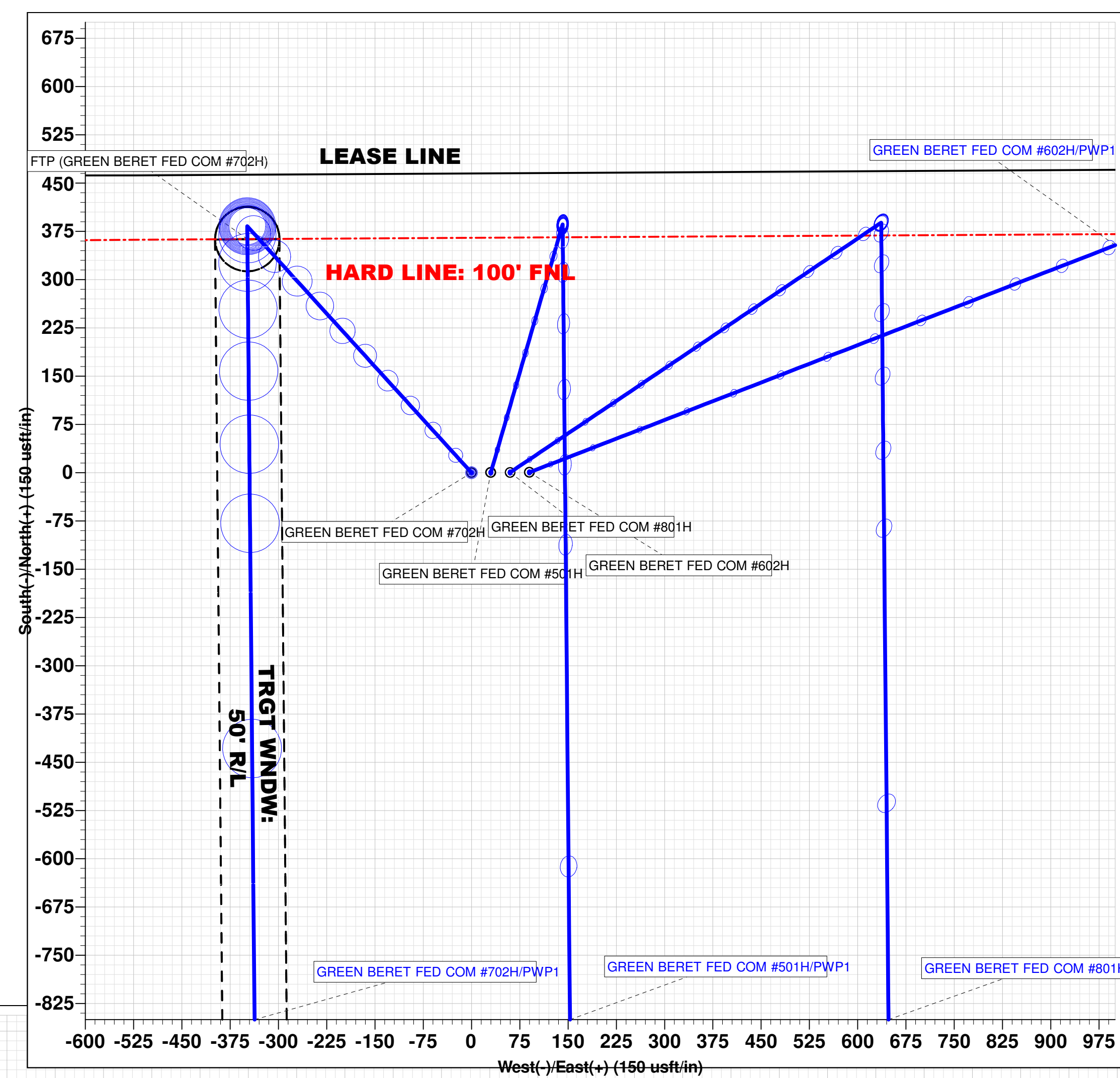
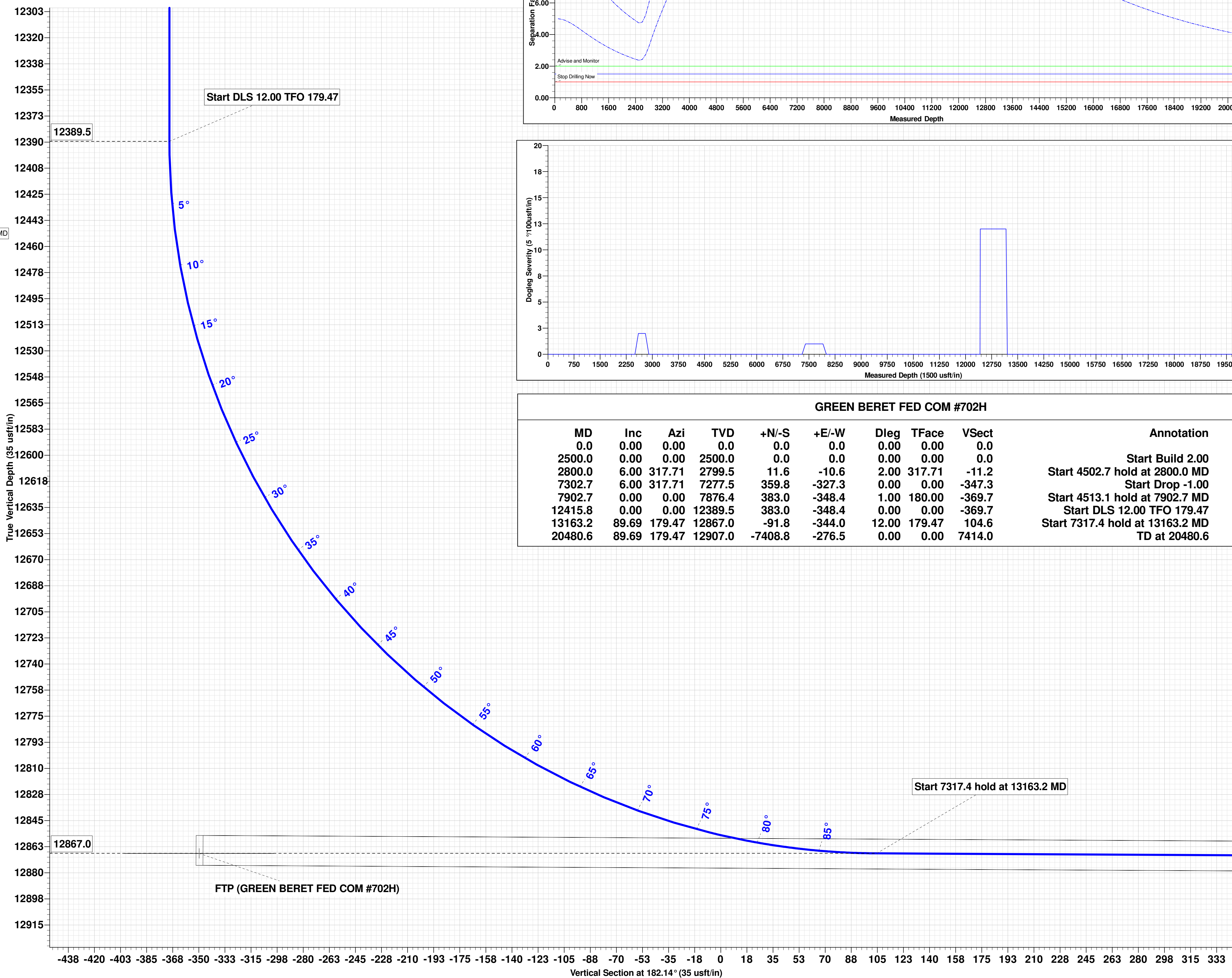
GREEN BERET FED COM #702H

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSeet	Annotation
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2500.0	0.00	0.00	2500.0	0.0	0.0	0.00	0.00	0.0	Start Build 2.00
2800.0	6.00	317.71	2799.5	11.6	-10.6	2.00	317.71	-11.2	Start 4502.7 hold at 2800.0 MD
7302.7	6.00	317.71	7277.5	359.8	-327.3	0.00	0.00	-347.3	Start Drop -1.00
7902.7	0.00	0.00	7876.4	383.0	-348.4	1.00	180.00	-369.7	Start 4513.1 hold at 7902.7 MD
12415.8	0.00	0.00	12389.5	383.0	-348.4	0.00	0.00	-369.7	Start DLS 12.00 TFO 179.47
13163.2	89.69	179.47	12867.0	-91.8	-344.0	12.00	179.47	104.6	Start 7317.4 hold at 13163.2 MD
20480.6	89.69	179.47	12907.0	-7408.8	-276.5	0.00	0.00	7414.0	TD at 20480.6



Azimuths to Grid North
True North: -0.50°
Magnetic North: 5.81°

Magnetic Field
Strength: 47553.3nT
Dip Angle: 59.73°
Date: 10/25/2021
Model: BGGM2021



TRGT WNDW:
10 A/B

LTP (GREEN BERET FED COM #702H) PBHL (GREEN BERET FED COM #702H)

TD at 20480.6

GREEN BERET FED COM #702H/PWP1

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

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

CONDITIONS

Action 78877

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 78877
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
pkautz	None	2/8/2022