Form 3160-5
(June 2019)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM 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.

SUBMIT IN TRIPLICATE *- Other instructions on page 2*

5. Lease Serial No.

6. If Indian, Allottee or Tribe Name

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

1. Type of Well
☐ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.

2. Name of Operator

9. API Well No.

3a. Address

3b. Phone No. *(include area code)*

10. Field and Pool or Exploratory Area

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

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 recomplete 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 perfonned 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 recompletion 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 OFICE 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: NWNE / 465 FNL / 2095 FEL / TWSP: 25S / RANGE: 35E / SECTION: 20 / LAT: 32.121857 / LONG: -103.387787 (TVD: 0 feet, MD: 0 feet)

PPP: NWNE / 100 FNL / 1980 FEL / TWSP: 25S / RANGE: 35E / SECTION: 20 / LAT: 32.122859 / LONG: -103.387416 (TVD: 10836 feet, MD: 10900 feet)

PPP: SWNE / 1321 FNL / 1980 FEL / TWSP: 25S / RANGE: 35E / SECTION: 20 / LAT: 32.1195 / LONG: -103.387414 (TVD: 10962 feet, MD: 12121 feet)

BHL: SWNE / 2590 FNL / 1980 FEL / TWSP: 25S / RANGE: 35E / SECTION: 29 / LAT: 32.101497 / LONG: -103.387404 (TVD: 10998 feet, MD: 18589 feet)

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	Pool Code	Pool Name
30-025-47819	17980	Dogie Draw; Wolfcamp

Property Code	Property Name	Well Number
329742	GREEN BERET FEDERAL COM	501H

OGRID No.	Operator Name	Elevation
229137	COG OPERATING, LLC	3281.5'

Surface Location

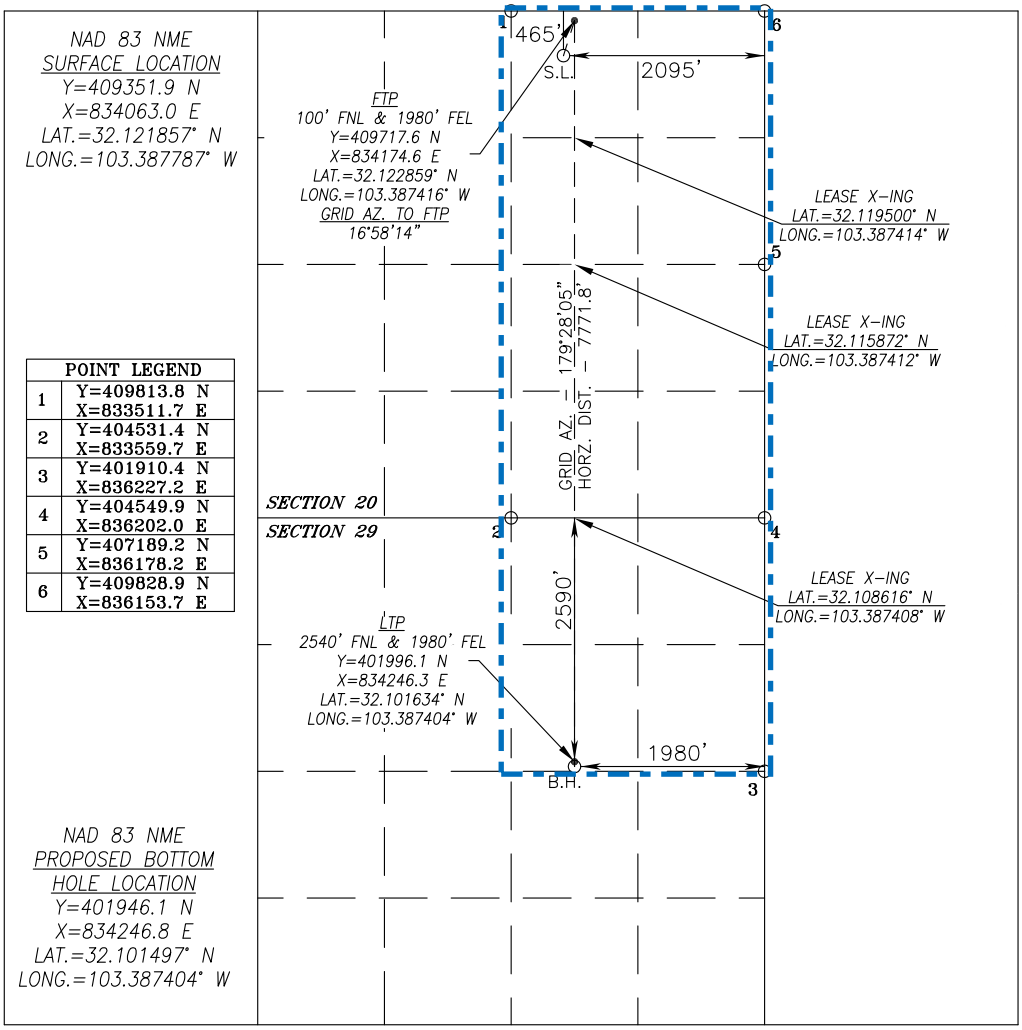
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	20	25-S	35-E		465	NORTH	2095	EAST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	29	25-S	35-E		2590	NORTH	1980	EAST	LEA

Dedicated Acres	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



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.

Signature 11/8/2021 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

CHAD L. HARCROW NEW MEXICO 17777 LICENSED PROFESSIONAL SURVEYOR

10/21/21

Certificate No. CHAD HARCROW 17777

W.O. # 21-892 DRAWN BY: DS

DELAWARE BASIN EAST

BULLDOG PROSPECT (NM-E)
GREEN BERET FEDERAL PROJECT (BULLDOG 2535)
GREEN BERET FED COM #501H

OWB
PWP1

Anticollision Report

25 October, 2021

ConocoPhillips
Anticollision Report

Company:	DELAWARE BASIN EAST	**Local Co-ordinate Reference:**	Well GREEN BERET FED COM #501H
Project:	BULLDOG PROSPECT (NM-E)	**TVD Reference:**	KB=30' @ 3311.0usft (SCAN QUEST)
Reference Site:	GREEN BERET FEDERAL PROJECT (BULLDOG 2535)	**MD Reference:**	KB=30' @ 3311.0usft (SCAN QUEST)
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	GREEN BERET FED COM #501H	**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	12,129.0	PWP1 (OWB)	Standard Keeper 104	Standard Wireline Keeper ver 1.0.4
12,129.0	20,193.9	PWP1 (OWB)	MWD+IFR1+FDIR	OWSG MWD + IFR1 + FDIR Correction

Summary

Site Name Offset Well - Wellbore - Design	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
GREEN BERET FEDERAL PROJECT (BULLDOG 2535)						
GREEN BERET FED COM #602H - OWB - PWP1	2,500.0	2,499.2	60.0	53.1	8.701	CC, ES
GREEN BERET FED COM #602H - OWB - PWP1	20,193.9	20,301.4	980.8	844.3	7.186	SF
GREEN BERET FED COM #701H - OWB - AWP	10,821.3	10,864.7	417.0	395.2	19.188	CC, ES
GREEN BERET FED COM #701H - OWB - AWP	11,200.0	11,013.0	528.9	497.1	16.638	SF
GREEN BERET FED COM #702H - OWB - PWP1	2,416.2	2,417.6	30.0	17.6	2.425	CC
GREEN BERET FED COM #702H - OWB - PWP1	2,500.0	2,501.4	30.0	17.3	2.365	ES, SF
GREEN BERET FED COM #801H - OWB - PWP1	2,500.0	2,496.5	30.0	23.1	4.350	CC, ES
GREEN BERET FED COM #801H - OWB - PWP1	20,193.9	19,988.6	540.3	404.5	3.978	SF

ConocoPhillips
Anticollision Report

Company:	DELAWARE BASIN EAST	**Local Co-ordinate Reference:**	Well GREEN BERET FED COM #501H
Project:	BULLDOG PROSPECT (NM-E)	**TVD Reference:**	KB=30' @ 3311.0usft (SCAN QUEST)
Reference Site:	GREEN BERET FEDERAL PROJECT (BULLDOG 2535)	**MD Reference:**	KB=30' @ 3311.0usft (SCAN QUEST)
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	GREEN BERET FED COM #501H	**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

TD Summary

Site Name Offset Well - Wellbore - Design	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
GREEN BERET FEDERAL PROJECT (BULLDOG 2535)						
GREEN BERET FED COM #602H - OWB - PWP1	20,193.9	20,301.4	980.8	844.3	7.186	SF
GREEN BERET FED COM #701H - OWB - AWP	20,193.9	18,474.3				Out of Range @TD
GREEN BERET FED COM #702H - OWB - PWP1	20,193.9	20,480.2	563.6	421.1	3.954	
GREEN BERET FED COM #801H - OWB - PWP1	20,193.9	19,988.6	540.3	404.5	3.978	SF

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 Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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	89.71	0.3	60.0	60.0				
100.0	100.0	99.2	99.2	3.0	3.0	89.71	0.3	60.0	60.0	54.0	6.00	10.000	
200.0	200.0	199.2	199.2	3.0	3.0	89.71	0.3	60.0	60.0	54.0	6.00	9.995	
300.0	300.0	299.2	299.2	3.0	3.0	89.71	0.3	60.0	60.0	54.0	6.01	9.985	
400.0	400.0	399.2	399.2	3.0	3.0	89.71	0.3	60.0	60.0	54.0	6.02	9.970	
500.0	500.0	499.2	499.2	3.1	3.1	89.71	0.3	60.0	60.0	54.0	6.03	9.949	
600.0	600.0	599.2	599.2	3.1	3.1	89.71	0.3	60.0	60.0	54.0	6.05	9.924	
700.0	700.0	699.2	699.2	3.1	3.1	89.71	0.3	60.0	60.0	53.9	6.07	9.893	
800.0	800.0	799.2	799.2	3.2	3.2	89.71	0.3	60.0	60.0	53.9	6.09	9.857	
900.0	900.0	899.2	899.2	3.2	3.2	89.71	0.3	60.0	60.0	53.9	6.11	9.817	
1,000.0	1,000.0	999.2	999.2	3.2	3.2	89.71	0.3	60.0	60.0	53.9	6.14	9.772	
1,100.0	1,100.0	1,099.2	1,099.2	3.3	3.3	89.71	0.3	60.0	60.0	53.8	6.17	9.722	
1,200.0	1,200.0	1,199.2	1,199.2	3.4	3.4	89.71	0.3	60.0	60.0	53.8	6.21	9.669	
1,300.0	1,300.0	1,299.2	1,299.2	3.4	3.4	89.71	0.3	60.0	60.0	53.8	6.24	9.611	
1,400.0	1,400.0	1,399.2	1,399.2	3.5	3.5	89.71	0.3	60.0	60.0	53.7	6.28	9.550	
1,500.0	1,500.0	1,499.2	1,499.2	3.5	3.5	89.71	0.3	60.0	60.0	53.7	6.33	9.485	
1,600.0	1,600.0	1,599.2	1,599.2	3.6	3.6	89.71	0.3	60.0	60.0	53.6	6.37	9.417	
1,700.0	1,700.0	1,699.2	1,699.2	3.7	3.7	89.71	0.3	60.0	60.0	53.6	6.42	9.347	
1,800.0	1,800.0	1,799.2	1,799.2	3.8	3.8	89.71	0.3	60.0	60.0	53.5	6.47	9.273	
1,900.0	1,900.0	1,899.2	1,899.2	3.9	3.9	89.71	0.3	60.0	60.0	53.5	6.52	9.197	
2,000.0	2,000.0	1,999.2	1,999.2	3.9	3.9	89.71	0.3	60.0	60.0	53.4	6.58	9.118	
2,100.0	2,100.0	2,099.2	2,099.2	4.0	4.0	89.71	0.3	60.0	60.0	53.4	6.64	9.038	
2,200.0	2,200.0	2,199.2	2,199.2	4.1	4.1	89.71	0.3	60.0	60.0	53.3	6.70	8.956	
2,300.0	2,300.0	2,299.2	2,299.2	4.2	4.2	89.71	0.3	60.0	60.0	53.2	6.76	8.872	
2,400.0	2,400.0	2,399.2	2,399.2	4.3	4.3	89.71	0.3	60.0	60.0	53.2	6.83	8.787	
2,500.0	2,500.0	2,499.2	2,499.2	4.4	4.4	89.71	0.3	60.0	60.0	53.1	6.90	8.701	CC, ES

CC - Min centre to center distance or covergent 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 #501H
Project:	BULLDOG PROSPECT (NM-E)	**TVD Reference:**	KB=30' @ 3311.0usft (SCAN QUEST)
Reference Site:	GREEN BERET FEDERAL PROJECT (BULLDOG 2535)	**MD Reference:**	KB=30' @ 3311.0usft (SCAN QUEST)
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	GREEN BERET FED COM #501H	**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 Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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
2,600.0	2,600.0	2,597.3	2,597.3	4.5	4.5	74.53	0.9	61.5	61.1	54.1	6.96	8.771	
2,700.0	2,699.8	2,695.2	2,695.0	4.6	4.5	77.20	2.7	66.2	64.5	57.5	7.04	9.167	
2,800.0	2,799.5	2,792.9	2,792.3	4.7	4.6	81.03	5.7	73.9	70.5	63.4	7.12	9.895	
2,900.0	2,898.9	2,890.2	2,889.0	4.8	4.6	84.30	9.9	84.7	79.5	72.2	7.22	11.004	
3,000.0	2,998.4	2,988.0	2,985.7	4.9	4.7	85.82	15.2	98.4	91.2	83.9	7.31	12.480	
3,100.0	3,097.8	3,087.2	3,083.7	5.0	4.8	86.81	20.8	112.9	103.6	96.2	7.40	13.997	
3,200.0	3,197.3	3,186.4	3,181.7	5.1	4.8	87.59	26.4	127.4	116.0	108.5	7.49	15.478	
3,300.0	3,296.7	3,285.6	3,279.7	5.2	4.9	88.22	32.0	141.8	128.4	120.8	7.59	16.919	
3,400.0	3,396.2	3,384.9	3,377.7	5.3	5.0	88.74	37.6	156.3	140.8	133.1	7.69	18.319	
3,500.0	3,495.6	3,484.1	3,475.7	5.4	5.0	89.17	43.3	170.8	153.2	145.4	7.79	19.676	
3,600.0	3,595.1	3,583.3	3,573.7	5.5	5.1	89.54	48.9	185.3	165.6	157.7	7.89	20.989	
3,700.0	3,694.5	3,682.5	3,671.7	5.6	5.2	89.86	54.5	199.7	178.1	170.1	8.00	22.258	
3,800.0	3,794.0	3,781.7	3,769.7	5.7	5.3	90.13	60.1	214.2	190.5	182.4	8.11	23.482	
3,900.0	3,893.4	3,881.0	3,867.7	5.8	5.4	90.38	65.7	228.7	202.9	194.7	8.23	24.661	
4,000.0	3,992.9	3,980.2	3,965.6	5.9	5.5	90.59	71.3	243.1	215.4	207.0	8.35	25.795	
4,100.0	4,092.3	4,079.4	4,063.6	6.0	5.6	90.78	76.9	257.6	227.8	219.4	8.47	26.884	
4,200.0	4,191.8	4,178.6	4,161.6	6.1	5.6	90.95	82.5	272.1	240.3	231.7	8.60	27.929	
4,300.0	4,291.2	4,277.8	4,259.6	6.2	5.7	91.11	88.1	286.6	252.7	244.0	8.74	28.930	
4,400.0	4,390.7	4,377.1	4,357.6	6.3	5.8	91.25	93.8	301.0	265.2	256.3	8.87	29.887	
4,500.0	4,490.1	4,476.3	4,455.6	6.5	5.9	91.37	99.4	315.5	277.6	268.6	9.01	30.803	
4,600.0	4,589.6	4,575.5	4,553.6	6.6	6.0	91.49	105.0	330.0	290.1	280.9	9.16	31.677	
4,700.0	4,689.0	4,674.7	4,651.6	6.7	6.1	91.60	110.6	344.4	302.6	293.2	9.31	32.510	
4,800.0	4,788.5	4,773.9	4,749.6	6.8	6.2	91.69	116.2	358.9	315.0	305.5	9.46	33.304	
4,900.0	4,887.9	4,873.2	4,847.6	6.9	6.3	91.78	121.8	373.4	327.5	317.9	9.61	34.060	
5,000.0	4,987.4	4,972.4	4,945.6	7.0	6.4	91.87	127.4	387.9	339.9	330.2	9.77	34.780	
5,100.0	5,086.9	5,071.6	5,043.6	7.1	6.6	91.95	133.0	402.3	352.4	342.4	9.94	35.463	
5,200.0	5,186.3	5,170.8	5,141.6	7.3	6.7	92.02	138.6	416.8	364.8	354.7	10.10	36.112	
5,300.0	5,285.8	5,270.0	5,239.6	7.4	6.8	92.09	144.3	431.3	377.3	367.0	10.27	36.728	
5,400.0	5,385.2	5,369.3	5,337.6	7.5	6.9	92.15	149.9	445.7	389.8	379.3	10.45	37.311	
5,500.0	5,484.7	5,468.5	5,435.6	7.6	7.0	92.21	155.5	460.2	402.2	391.6	10.62	37.864	
5,600.0	5,584.1	5,567.7	5,533.6	7.7	7.1	92.27	161.1	474.7	414.7	403.9	10.80	38.387	
5,700.0	5,683.6	5,666.9	5,631.6	7.8	7.2	92.32	166.7	489.2	427.1	416.2	10.99	38.882	
5,800.0	5,783.0	5,766.1	5,729.6	8.0	7.3	92.37	172.3	503.6	439.6	428.4	11.17	39.350	
5,900.0	5,882.5	5,865.4	5,827.6	8.1	7.4	92.42	177.9	518.1	452.1	440.7	11.36	39.792	
6,000.0	5,981.9	5,964.6	5,925.6	8.2	7.6	92.46	183.5	532.6	464.5	453.0	11.55	40.209	
6,100.0	6,081.4	6,063.8	6,023.6	8.3	7.7	92.50	189.1	547.0	477.0	465.3	11.75	40.602	
6,190.1	6,171.0	6,153.2	6,112.0	8.4	7.8	92.54	194.2	560.1	488.2	476.3	11.93	40.937	
6,200.0	6,180.8	6,163.0	6,121.6	8.4	7.8	92.55	194.8	561.5	489.5	477.5	11.95	40.973	
6,300.0	6,280.4	6,262.2	6,219.6	8.6	7.9	92.60	200.4	576.0	501.9	489.7	12.14	41.333	
6,400.0	6,380.1	6,361.4	6,317.6	8.7	8.0	92.45	206.0	590.5	514.2	501.9	12.33	41.692	
6,500.0	6,479.9	6,460.6	6,415.5	8.8	8.2	92.12	211.6	604.9	526.5	514.0	12.51	42.078	
6,600.0	6,579.8	6,559.7	6,513.4	8.9	8.3	91.63	217.2	619.4	538.8	526.1	12.68	42.486	
6,700.0	6,679.8	6,658.6	6,611.1	9.0	8.4	90.98	222.8	633.8	551.1	538.2	12.85	42.881	
6,790.1	6,769.9	6,747.7	6,699.1	9.1	8.5	106.43	227.8	646.8	562.3	549.3	13.01	43.221	
6,800.0	6,779.8	6,757.5	6,708.8	9.2	8.5	106.33	228.4	648.2	563.5	550.5	13.03	43.258	
6,900.0	6,879.8	6,856.2	6,806.3	9.3	8.6	105.39	234.0	662.6	576.0	562.8	13.21	43.621	
7,000.0	6,979.8	6,955.0	6,903.9	9.4	8.8	104.48	239.6	677.0	588.7	575.3	13.39	43.975	
7,100.0	7,079.8	7,053.8	7,001.4	9.5	8.9	103.62	245.1	691.4	601.6	588.0	13.57	44.322	
7,200.0	7,179.8	7,152.6	7,099.0	9.6	9.0	102.79	250.7	705.8	614.5	600.8	13.76	44.662	
7,300.0	7,279.8	7,251.3	7,196.5	9.8	9.2	101.99	256.3	720.2	627.6	613.6	13.95	44.994	
7,400.0	7,379.8	7,350.1	7,294.1	9.9	9.3	101.23	261.9	734.7	640.8	626.6	14.14	45.318	

CC - Min centre to center distance or covergent 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 #501H
Project:	BULLDOG PROSPECT (NM-E)	**TVD Reference:**	KB=30' @ 3311.0usft (SCAN QUEST)
Reference Site:	GREEN BERET FEDERAL PROJECT (BULLDOG 2535)	**MD Reference:**	KB=30' @ 3311.0usft (SCAN QUEST)
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	GREEN BERET FED COM #501H	**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 Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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
7,500.0	7,479.8	7,448.9	7,391.6	10.0	9.4	100.50	267.5	749.1	654.1	639.8	14.33	45.636	
7,600.0	7,579.8	7,547.6	7,489.2	10.1	9.5	99.80	273.1	763.5	667.5	653.0	14.53	45.947	
7,700.0	7,679.8	7,646.4	7,586.7	10.3	9.7	99.12	278.7	777.9	681.0	666.3	14.72	46.251	
7,800.0	7,779.8	7,745.2	7,684.3	10.4	9.8	98.47	284.2	792.3	694.6	679.7	14.92	46.549	
7,900.0	7,879.8	7,843.9	7,781.8	10.5	9.9	97.85	289.8	806.7	708.3	693.1	15.12	46.840	
8,000.0	7,979.8	7,942.7	7,879.4	10.6	10.1	97.25	295.4	821.1	722.0	706.7	15.32	47.125	
8,100.0	8,079.8	8,041.5	7,976.9	10.8	10.2	96.67	301.0	835.5	735.9	720.3	15.52	47.404	
8,200.0	8,179.8	8,140.2	8,074.5	10.9	10.3	96.11	306.6	849.9	749.8	734.0	15.73	47.678	
8,300.0	8,279.8	8,239.0	8,172.0	11.0	10.5	95.57	312.2	864.3	763.7	747.8	15.93	47.945	
8,400.0	8,379.8	8,337.8	8,269.6	11.1	10.6	95.05	317.8	878.7	777.8	761.6	16.13	48.208	
8,500.0	8,479.8	8,436.5	8,367.2	11.3	10.8	94.56	323.3	893.1	791.9	775.5	16.34	48.464	
8,600.0	8,579.8	8,535.3	8,464.7	11.4	10.9	94.07	328.9	907.5	806.0	789.5	16.54	48.716	
8,700.0	8,679.8	8,634.1	8,562.3	11.5	11.0	93.61	334.5	921.9	820.2	803.5	16.75	48.962	
8,800.0	8,779.8	8,732.9	8,659.8	11.6	11.2	93.16	340.1	936.3	834.5	817.5	16.96	49.204	
8,900.0	8,879.8	8,831.6	8,757.4	11.8	11.3	92.72	345.7	950.7	848.8	831.6	17.17	49.440	
9,000.0	8,979.8	8,930.4	8,854.9	11.9	11.5	92.30	351.3	965.1	863.1	845.7	17.38	49.672	
9,100.0	9,079.8	9,029.2	8,952.5	12.0	11.6	91.90	356.9	979.6	877.5	859.9	17.59	49.899	
9,200.0	9,179.8	9,127.9	9,050.0	12.1	11.8	91.50	362.4	994.0	892.0	874.2	17.80	50.121	
9,300.0	9,279.8	9,226.7	9,147.6	12.3	11.9	91.12	368.0	1,008.4	906.4	888.4	18.01	50.339	
9,400.0	9,379.8	9,325.5	9,245.1	12.4	12.1	90.75	373.6	1,022.8	920.9	902.7	18.22	50.552	
9,500.0	9,479.8	9,438.2	9,356.6	12.5	12.2	90.36	379.7	1,038.5	934.9	916.5	18.39	50.846	
9,600.0	9,579.8	9,555.3	9,472.6	12.7	12.4	90.02	385.2	1,052.8	947.1	928.5	18.55	51.048	
9,700.0	9,679.8	9,672.9	9,589.6	12.8	12.6	89.74	389.9	1,064.9	957.4	938.6	18.73	51.122	
9,800.0	9,779.8	9,791.0	9,707.2	12.9	12.7	89.51	393.8	1,074.7	965.8	946.8	18.91	51.065	
9,900.0	9,879.8	9,909.6	9,825.5	13.0	12.9	89.34	396.7	1,082.4	972.2	953.1	19.11	50.878	
10,000.0	9,979.8	10,028.4	9,944.2	13.2	13.0	89.23	398.8	1,087.7	976.8	957.4	19.32	50.567	
10,100.0	10,079.8	10,147.4	10,063.1	13.3	13.1	89.16	400.0	1,090.8	979.4	959.8	19.54	50.125	
10,200.0	10,179.8	10,263.3	10,179.0	13.4	13.2	89.14	400.3	1,091.6	980.0	960.3	19.74	49.647	
10,300.0	10,279.8	10,363.3	10,279.0	13.5	13.3	89.14	400.3	1,091.6	980.0	960.2	19.84	49.387	
10,400.0	10,379.8	10,463.3	10,379.0	13.7	13.4	89.14	400.3	1,091.6	980.0	960.1	19.95	49.128	
10,500.0	10,479.8	10,563.3	10,479.0	13.8	13.5	89.14	400.3	1,091.6	980.0	960.0	20.05	48.871	
10,600.0	10,579.8	10,663.3	10,579.0	13.9	13.6	89.14	400.3	1,091.6	980.0	959.9	20.16	48.616	
10,700.0	10,679.8	10,763.3	10,679.0	14.1	13.7	89.14	400.3	1,091.6	980.0	959.8	20.26	48.362	
10,800.0	10,779.8	10,863.3	10,779.0	14.2	13.8	89.14	400.3	1,091.6	980.0	959.7	20.37	48.110	
10,900.0	10,879.8	10,963.3	10,879.0	14.3	13.9	89.14	400.3	1,091.6	980.0	959.6	20.48	47.860	
11,000.0	10,979.8	11,063.3	10,979.0	14.4	14.0	89.14	400.3	1,091.6	980.0	959.4	20.58	47.612	
11,100.0	11,079.8	11,163.3	11,079.0	14.6	14.1	89.14	400.3	1,091.6	980.0	959.3	20.69	47.365	
11,200.0	11,179.8	11,263.3	11,179.0	14.7	14.2	89.14	400.3	1,091.6	980.0	959.2	20.80	47.120	
11,300.0	11,279.8	11,363.3	11,279.0	14.8	14.3	89.14	400.3	1,091.6	980.0	959.1	20.91	46.877	
11,400.0	11,379.8	11,463.3	11,379.0	15.0	14.4	89.14	400.3	1,091.6	980.0	959.0	21.01	46.635	
11,500.0	11,479.8	11,563.3	11,479.0	15.1	14.5	89.14	400.3	1,091.6	980.0	958.9	21.12	46.396	
11,600.0	11,579.8	11,663.3	11,579.0	15.2	14.6	89.14	400.3	1,091.6	980.0	958.8	21.23	46.158	
11,700.0	11,679.8	11,763.3	11,679.0	15.3	14.7	89.14	400.3	1,091.6	980.0	958.7	21.34	45.921	
11,800.0	11,779.8	11,863.3	11,779.0	15.5	14.8	89.14	400.3	1,091.6	980.0	958.6	21.45	45.687	
11,900.0	11,879.8	11,963.3	11,879.0	15.6	14.9	89.14	400.3	1,091.6	980.0	958.5	21.56	45.454	
12,000.0	11,979.8	12,063.3	11,979.0	15.7	15.0	89.14	400.3	1,091.6	980.0	958.4	21.67	45.223	
12,100.0	12,079.8	12,163.3	12,079.0	15.9	15.1	89.14	400.3	1,091.6	980.0	958.2	21.78	44.993	
12,129.7	12,109.5	12,193.0	12,108.7	15.9	15.2	89.14	400.3	1,091.6	980.0	958.2	21.81	44.943	
12,150.0	12,129.8	12,213.3	12,129.0	15.9	15.2	-90.36	400.3	1,091.6	980.0	958.2	21.82	44.923	
12,175.0	12,154.7	12,238.3	12,154.0	15.9	15.2	-90.45	400.3	1,091.6	980.0	958.2	21.83	44.894	
12,200.0	12,179.5	12,263.7	12,179.4	15.9	15.2	-90.57	399.2	1,091.6	980.1	958.2	21.84	44.869	

CC - Min centre to center distance or covergent 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 #501H
Project:	BULLDOG PROSPECT (NM-E)	**TVD Reference:**	KB=30' @ 3311.0usft (SCAN QUEST)
Reference Site:	GREEN BERET FEDERAL PROJECT (BULLDOG 2535)	**MD Reference:**	KB=30' @ 3311.0usft (SCAN QUEST)
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	GREEN BERET FED COM #501H	**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 Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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
12,225.0	12,204.2	12,289.2	12,204.8	15.9	15.2	-90.69	396.9	1,091.6	980.1	958.2	21.86	44.842	
12,250.0	12,228.5	12,314.8	12,230.1	15.9	15.2	-90.80	393.1	1,091.7	980.1	958.2	21.87	44.812	
12,275.0	12,252.6	12,340.5	12,255.3	15.9	15.2	-90.91	388.0	1,091.7	980.1	958.3	21.89	44.779	
12,300.0	12,276.2	12,366.4	12,280.3	15.9	15.2	-91.02	381.5	1,091.8	980.2	958.3	21.91	44.743	
12,325.0	12,299.4	12,392.3	12,305.0	15.9	15.2	-91.13	373.6	1,091.8	980.2	958.3	21.93	44.703	
12,350.0	12,322.1	12,418.3	12,329.3	15.9	15.2	-91.24	364.3	1,091.9	980.2	958.3	21.95	44.658	
12,375.0	12,344.1	12,444.5	12,353.2	15.9	15.2	-91.34	353.7	1,092.0	980.3	958.3	21.98	44.607	
12,400.0	12,365.6	12,470.7	12,376.6	16.0	15.3	-91.44	341.8	1,092.1	980.3	958.3	22.00	44.550	
12,425.0	12,386.3	12,497.1	12,399.4	16.0	15.3	-91.53	328.5	1,092.3	980.4	958.3	22.04	44.486	
12,450.0	12,406.3	12,523.5	12,421.4	16.0	15.3	-91.62	313.9	1,092.4	980.4	958.3	22.07	44.413	
12,475.0	12,425.5	12,550.1	12,442.7	16.0	15.3	-91.70	298.1	1,092.5	980.4	958.3	22.12	44.330	
12,500.0	12,443.8	12,576.7	12,463.2	16.0	15.3	-91.79	281.0	1,092.7	980.5	958.3	22.16	44.236	
12,525.0	12,461.2	12,603.4	12,482.7	16.1	15.3	-91.86	262.8	1,092.9	980.5	958.3	22.22	44.131	
12,550.0	12,477.6	12,630.2	12,501.3	16.1	15.4	-91.93	243.5	1,093.0	980.6	958.3	22.28	44.014	
12,575.0	12,493.0	12,657.1	12,518.7	16.1	15.4	-91.99	223.1	1,093.2	980.6	958.3	22.35	43.883	
12,600.0	12,507.3	12,684.0	12,535.1	16.1	15.4	-92.05	201.7	1,093.4	980.6	958.2	22.42	43.739	
12,625.0	12,520.6	12,711.0	12,550.2	16.1	15.4	-92.11	179.3	1,093.6	980.7	958.2	22.50	43.581	
12,650.0	12,532.8	12,738.1	12,564.1	16.2	15.5	-92.15	156.1	1,093.8	980.7	958.1	22.59	43.410	
12,675.0	12,543.7	12,765.2	12,576.7	16.2	15.5	-92.19	132.1	1,094.1	980.7	958.0	22.69	43.224	
12,700.0	12,553.5	12,792.3	12,587.9	16.2	15.5	-92.22	107.4	1,094.3	980.8	958.0	22.79	43.025	
12,725.0	12,562.1	12,819.5	12,597.6	16.2	15.5	-92.25	82.0	1,094.5	980.8	957.9	22.91	42.814	
12,750.0	12,569.5	12,846.7	12,606.0	16.2	15.6	-92.27	56.1	1,094.8	980.8	957.8	23.03	42.590	
12,775.0	12,575.5	12,873.9	12,612.8	16.2	15.6	-92.28	29.8	1,095.0	980.8	957.6	23.16	42.356	
12,800.0	12,580.3	12,901.2	12,618.2	16.3	15.6	-92.29	3.1	1,095.3	980.8	957.5	23.29	42.112	
12,825.0	12,583.8	12,928.4	12,622.0	16.3	15.6	-92.29	-23.9	1,095.5	980.8	957.4	23.43	41.859	
12,850.0	12,586.0	12,955.6	12,624.2	16.3	15.6	-92.28	-51.0	1,095.8	980.8	957.2	23.58	41.600	
12,877.1	12,587.0	12,984.6	12,625.0	16.3	15.7	-92.27	-80.0	1,096.0	980.8	957.0	23.74	41.312	
12,877.1	12,587.0	12,984.6	12,625.0	16.3	15.7	-92.27	-80.0	1,096.0	980.8	957.0	23.74	41.312	
12,900.0	12,587.1	13,007.5	12,625.1	16.3	15.7	-92.27	-102.9	1,096.2	980.8	956.9	23.89	41.055	
13,000.0	12,587.6	13,107.5	12,625.7	16.3	15.7	-92.27	-202.9	1,097.2	980.8	956.2	24.61	39.851	
13,100.0	12,588.2	13,207.5	12,626.2	16.3	15.8	-92.27	-302.9	1,098.1	980.8	955.4	25.43	38.568	
13,200.0	12,588.7	13,307.5	12,626.8	16.4	16.0	-92.27	-402.9	1,099.0	980.8	954.4	26.34	37.242	
13,300.0	12,589.3	13,407.5	12,627.3	16.4	16.1	-92.27	-502.9	1,099.9	980.8	953.5	27.32	35.901	
13,400.0	12,589.8	13,507.5	12,627.8	16.5	16.4	-92.27	-602.9	1,100.8	980.8	952.4	28.37	34.567	
13,500.0	12,590.4	13,607.5	12,628.4	16.5	16.7	-92.27	-702.9	1,101.8	980.8	951.3	29.49	33.259	
13,600.0	12,590.9	13,707.5	12,628.9	16.6	17.0	-92.27	-802.9	1,102.7	980.8	950.1	30.66	31.988	
13,700.0	12,591.5	13,807.5	12,629.5	16.6	17.5	-92.27	-902.8	1,103.6	980.8	948.9	31.88	30.763	
13,800.0	12,592.0	13,907.5	12,630.0	16.7	18.0	-92.27	-1,002.8	1,104.5	980.8	947.6	33.15	29.589	
13,900.0	12,592.6	14,007.5	12,630.6	16.9	18.5	-92.27	-1,102.8	1,105.4	980.8	946.3	34.45	28.469	
14,000.0	12,593.1	14,107.5	12,631.1	17.3	19.1	-92.27	-1,202.8	1,106.4	980.8	945.0	35.79	27.404	
14,100.0	12,593.6	14,207.5	12,631.7	17.8	19.7	-92.27	-1,302.8	1,107.3	980.8	943.6	37.16	26.394	
14,200.0	12,594.2	14,307.5	12,632.2	18.5	20.3	-92.27	-1,402.8	1,108.2	980.8	942.2	38.56	25.437	
14,300.0	12,594.7	14,407.5	12,632.8	19.2	21.0	-92.27	-1,502.8	1,109.1	980.8	940.8	39.98	24.532	
14,400.0	12,595.3	14,507.5	12,633.3	19.9	21.7	-92.27	-1,602.8	1,110.0	980.8	939.4	41.42	23.676	
14,500.0	12,595.8	14,607.5	12,633.9	20.7	22.3	-92.27	-1,702.8	1,111.0	980.8	937.9	42.89	22.867	
14,600.0	12,596.4	14,707.5	12,634.4	21.4	23.0	-92.27	-1,802.8	1,111.9	980.8	936.4	44.37	22.103	
14,700.0	12,596.9	14,807.5	12,635.0	22.2	23.8	-92.27	-1,902.8	1,112.8	980.8	934.9	45.87	21.380	
14,800.0	12,597.5	14,907.5	12,635.5	23.0	24.5	-92.27	-2,002.8	1,113.7	980.8	933.4	47.39	20.697	
14,900.0	12,598.0	15,007.5	12,636.0	23.8	25.2	-92.27	-2,102.8	1,114.6	980.8	931.9	48.92	20.051	
15,000.0	12,598.6	15,107.5	12,636.6	24.6	26.0	-92.27	-2,202.8	1,115.6	980.8	930.3	50.46	19.439	
15,100.0	12,599.1	15,207.5	12,637.1	25.3	26.7	-92.27	-2,302.8	1,116.5	980.8	928.8	52.01	18.859	

CC - Min centre to center distance or covergent 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 #501H
Project:	BULLDOG PROSPECT (NM-E)	**TVD Reference:**	KB=30' @ 3311.0usft (SCAN QUEST)
Reference Site:	GREEN BERET FEDERAL PROJECT (BULLDOG 2535)	**MD Reference:**	KB=30' @ 3311.0usft (SCAN QUEST)
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	GREEN BERET FED COM #501H	**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:** Distance — **Offset Well Error:** 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
15,200.0	12,599.7	15,307.5	12,637.7	26.1	27.5	-92.27	-2,402.8	1,117.4	980.8	927.2	53.57	18.309	
15,300.0	12,600.2	15,407.5	12,638.2	26.9	28.2	-92.27	-2,502.8	1,118.3	980.8	925.6	55.14	17.787	
15,400.0	12,600.8	15,507.5	12,638.8	27.8	29.0	-92.27	-2,602.8	1,119.2	980.8	924.1	56.72	17.292	
15,500.0	12,601.3	15,607.5	12,639.3	28.6	29.8	-92.27	-2,702.7	1,120.2	980.8	922.5	58.31	16.821	
15,600.0	12,601.9	15,707.5	12,639.9	29.4	30.6	-92.27	-2,802.7	1,121.1	980.8	920.9	59.90	16.373	
15,700.0	12,602.4	15,807.5	12,640.4	30.2	31.3	-92.27	-2,902.7	1,122.0	980.8	919.3	61.50	15.947	
15,800.0	12,603.0	15,907.5	12,641.0	31.0	32.1	-92.27	-3,002.7	1,122.9	980.8	917.7	63.11	15.541	
15,900.0	12,603.5	16,007.5	12,641.5	31.8	32.9	-92.27	-3,102.7	1,123.8	980.8	916.1	64.72	15.153	
16,000.0	12,604.0	16,107.5	12,642.1	32.6	33.7	-92.27	-3,202.7	1,124.8	980.8	914.4	66.34	14.784	
16,100.0	12,604.6	16,207.5	12,642.6	33.5	34.5	-92.27	-3,302.7	1,125.7	980.8	912.8	67.97	14.430	
16,200.0	12,605.1	16,307.5	12,643.2	34.3	35.3	-92.27	-3,402.7	1,126.6	980.8	911.2	69.60	14.093	
16,300.0	12,605.7	16,407.5	12,643.7	35.1	36.1	-92.27	-3,502.7	1,127.5	980.8	909.6	71.23	13.770	
16,400.0	12,606.2	16,507.5	12,644.2	36.0	36.9	-92.27	-3,602.7	1,128.5	980.8	907.9	72.86	13.460	
16,500.0	12,606.8	16,607.5	12,644.8	36.8	37.7	-92.27	-3,702.7	1,129.4	980.8	906.3	74.50	13.164	
16,600.0	12,607.3	16,707.5	12,645.3	37.6	38.6	-92.27	-3,802.7	1,130.3	980.8	904.6	76.15	12.880	
16,700.0	12,607.9	16,807.5	12,645.9	38.4	39.4	-92.27	-3,902.7	1,131.2	980.8	903.0	77.80	12.607	
16,800.0	12,608.4	16,907.5	12,646.4	39.3	40.2	-92.27	-4,002.7	1,132.1	980.8	901.3	79.45	12.345	
16,900.0	12,609.0	17,007.5	12,647.0	40.1	41.0	-92.27	-4,102.7	1,133.1	980.8	899.7	81.10	12.094	
17,000.0	12,609.5	17,107.5	12,647.5	41.0	41.8	-92.27	-4,202.7	1,134.0	980.8	898.0	82.76	11.852	
17,100.0	12,610.1	17,207.5	12,648.1	41.8	42.6	-92.27	-4,302.7	1,134.9	980.8	896.4	84.41	11.619	
17,200.0	12,610.6	17,307.5	12,648.6	42.6	43.5	-92.27	-4,402.6	1,135.8	980.8	894.7	86.07	11.395	
17,300.0	12,611.2	17,407.5	12,649.2	43.5	44.3	-92.27	-4,502.6	1,136.7	980.8	893.0	87.74	11.179	
17,400.0	12,611.7	17,507.5	12,649.7	44.3	45.1	-92.27	-4,602.6	1,137.7	980.8	891.4	89.40	10.970	
17,500.0	12,612.3	17,607.5	12,650.3	45.2	45.9	-92.27	-4,702.6	1,138.6	980.8	889.7	91.07	10.770	
17,600.0	12,612.8	17,707.5	12,650.8	46.0	46.8	-92.27	-4,802.6	1,139.5	980.8	888.0	92.74	10.576	
17,700.0	12,613.4	17,807.5	12,651.4	46.8	47.6	-92.27	-4,902.6	1,140.4	980.8	886.4	94.41	10.389	
17,800.0	12,613.9	17,907.5	12,651.9	47.7	48.4	-92.27	-5,002.6	1,141.3	980.8	884.7	96.08	10.208	
17,900.0	12,614.4	18,007.5	12,652.4	48.5	49.3	-92.27	-5,102.6	1,142.3	980.8	883.0	97.76	10.033	
18,000.0	12,615.0	18,107.5	12,653.0	49.4	50.1	-92.27	-5,202.6	1,143.2	980.8	881.4	99.43	9.864	
18,100.0	12,615.5	18,207.5	12,653.5	50.2	50.9	-92.27	-5,302.6	1,144.1	980.8	879.7	101.11	9.700	
18,200.0	12,616.1	18,307.5	12,654.1	51.1	51.8	-92.27	-5,402.6	1,145.0	980.8	878.0	102.79	9.542	
18,300.0	12,616.6	18,407.5	12,654.6	51.9	52.6	-92.27	-5,502.6	1,145.9	980.8	876.3	104.47	9.388	
18,400.0	12,617.2	18,507.5	12,655.2	52.7	53.4	-92.27	-5,602.6	1,146.9	980.8	874.6	106.15	9.240	
18,500.0	12,617.7	18,607.5	12,655.7	53.6	54.3	-92.27	-5,702.6	1,147.8	980.8	873.0	107.83	9.095	
18,600.0	12,618.3	18,707.5	12,656.3	54.4	55.1	-92.27	-5,802.6	1,148.7	980.8	871.3	109.52	8.956	
18,700.0	12,618.8	18,807.5	12,656.8	55.3	55.9	-92.27	-5,902.6	1,149.6	980.8	869.6	111.20	8.820	
18,800.0	12,619.4	18,907.5	12,657.4	56.1	56.8	-92.27	-6,002.6	1,150.5	980.8	867.9	112.89	8.688	
18,900.0	12,619.9	19,007.5	12,657.9	57.0	57.6	-92.27	-6,102.5	1,151.5	980.8	866.2	114.58	8.560	
19,000.0	12,620.5	19,107.5	12,658.5	57.8	58.5	-92.27	-6,202.5	1,152.4	980.8	864.5	116.26	8.436	
19,100.0	12,621.0	19,207.5	12,659.0	58.7	59.3	-92.27	-6,302.5	1,153.3	980.8	862.8	117.95	8.315	
19,200.0	12,621.6	19,307.5	12,659.6	59.5	60.1	-92.27	-6,402.5	1,154.2	980.8	861.1	119.64	8.198	
19,300.0	12,622.1	19,407.5	12,660.1	60.4	61.0	-92.27	-6,502.5	1,155.1	980.8	859.5	121.33	8.083	
19,400.0	12,622.7	19,507.5	12,660.6	61.2	61.8	-92.27	-6,602.5	1,156.1	980.8	857.8	123.02	7.972	
19,500.0	12,623.2	19,607.5	12,661.2	62.1	62.7	-92.27	-6,702.5	1,157.0	980.8	856.1	124.72	7.864	
19,600.0	12,623.7	19,707.5	12,661.7	62.9	63.5	-92.27	-6,802.5	1,157.9	980.8	854.4	126.41	7.759	
19,700.0	12,624.3	19,807.5	12,662.3	63.8	64.4	-92.27	-6,902.5	1,158.8	980.8	852.7	128.10	7.656	
19,800.0	12,624.8	19,907.5	12,662.8	64.6	65.2	-92.27	-7,002.5	1,159.8	980.8	851.0	129.80	7.556	
19,900.0	12,625.4	20,007.5	12,663.4	65.5	66.0	-92.27	-7,102.5	1,160.7	980.8	849.3	131.49	7.459	
20,000.0	12,625.9	20,107.5	12,663.9	66.3	66.9	-92.27	-7,202.5	1,161.6	980.8	847.6	133.19	7.364	
20,100.0	12,626.5	20,207.5	12,664.5	67.2	67.7	-92.27	-7,302.5	1,162.5	980.8	845.9	134.88	7.271	
20,193.9	12,627.0	20,301.4	12,665.0	68.0	68.5	-92.27	-7,396.4	1,163.4	980.8	844.3	136.48	7.186 SF	

CC - Min centre to center distance or covergent 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 #501H
Project:	BULLDOG PROSPECT (NM-E)	**TVD Reference:**	KB=30' @ 3311.0usft (SCAN QUEST)
Reference Site:	GREEN BERET FEDERAL PROJECT (BULLDOG 2535)	**MD Reference:**	KB=30' @ 3311.0usft (SCAN QUEST)
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	GREEN BERET FED COM #501H	**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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN EAST	**Local Co-ordinate Reference:**	Well GREEN BERET FED COM #501H
Project:	BULLDOG PROSPECT (NM-E)	**TVD Reference:**	KB=30' @ 3311.0usft (SCAN QUEST)
Reference Site:	GREEN BERET FEDERAL PROJECT (BULLDOG 2535)	**MD Reference:**	KB=30' @ 3311.0usft (SCAN QUEST)
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	GREEN BERET FED COM #501H	**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 #701H - OWB - AWP — **Offset Site Error:** 3.0 usft

Survey Program: 100-Standard Keeper 104, 10401-MWD+IFR1+FDIR — **Rule Assigned:** — **Offset Well Error:** 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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
5,300.0	5,285.8	5,375.0	5,363.1	7.4	5.9	79.68	177.9	1,058.2	990.8	980.0	10.87	91.120	
5,400.0	5,385.2	5,457.4	5,445.1	7.5	5.9	80.18	178.6	1,050.3	979.4	968.3	11.03	88.817	
5,500.0	5,484.7	5,600.2	5,587.0	7.6	6.1	80.99	181.6	1,034.6	966.5	955.2	11.30	85.497	
5,600.0	5,584.1	5,692.9	5,678.8	7.7	6.2	81.48	184.6	1,022.4	951.4	939.9	11.48	82.870	
5,700.0	5,683.6	5,788.4	5,773.5	7.8	6.3	82.04	186.9	1,010.3	936.9	925.3	11.66	80.324	
5,800.0	5,783.0	5,871.2	5,855.7	8.0	6.4	82.57	188.3	1,000.6	923.6	911.8	11.82	78.135	
5,900.0	5,882.5	5,966.0	5,950.1	8.1	6.5	83.22	189.3	990.6	911.7	899.7	12.01	75.925	
6,000.0	5,981.9	6,111.0	6,093.5	8.2	6.7	84.22	192.1	969.9	895.5	883.2	12.33	72.639	
6,100.0	6,081.4	6,194.5	6,176.0	8.3	6.8	84.84	193.6	957.2	879.3	866.8	12.49	70.423	
6,190.1	6,171.0	6,275.0	6,255.7	8.4	6.8	85.47	194.6	946.1	865.9	853.3	12.64	68.484	
6,200.0	6,180.8	6,284.1	6,264.8	8.4	6.9	85.53	194.7	944.9	864.5	851.9	12.66	68.274	
6,300.0	6,280.4	6,368.8	6,348.8	8.6	6.9	86.04	195.2	934.6	851.7	838.9	12.83	66.409	
6,400.0	6,380.1	6,465.0	6,444.4	8.7	7.1	86.55	195.6	923.9	840.2	827.1	13.01	64.559	
6,500.0	6,479.9	6,582.0	6,560.4	8.8	7.2	86.88	199.2	909.3	826.9	813.6	13.25	62.403	
6,600.0	6,579.8	6,672.2	6,649.9	8.9	7.3	86.97	202.4	898.1	813.7	800.3	13.40	60.748	
6,700.0	6,679.8	6,770.0	6,746.9	9.0	7.4	86.99	205.5	886.6	801.5	787.9	13.56	59.092	
6,790.1	6,769.9	6,858.8	6,835.1	9.1	7.5	103.08	207.9	876.2	790.6	776.9	13.72	57.639	
6,800.0	6,779.8	6,868.3	6,844.5	9.2	7.5	103.08	208.2	875.1	789.4	775.7	13.73	57.486	
6,900.0	6,879.8	6,966.2	6,941.8	9.3	7.6	103.12	210.3	863.6	777.5	763.6	13.90	55.929	
7,000.0	6,979.8	7,082.2	7,056.9	9.4	7.8	103.12	213.6	849.6	765.2	751.0	14.14	54.117	
7,100.0	7,079.8	7,177.8	7,151.5	9.5	7.9	103.02	217.9	836.9	751.2	736.9	14.30	52.530	
7,200.0	7,179.8	7,267.9	7,240.9	9.6	8.0	102.94	221.4	826.1	738.6	724.2	14.44	51.151	
7,300.0	7,279.8	7,387.6	7,359.4	9.8	8.1	102.77	227.2	810.7	725.0	710.3	14.71	49.299	
7,400.0	7,379.8	7,484.9	7,455.5	9.9	8.2	102.54	233.2	796.9	709.8	694.9	14.87	47.719	
7,500.0	7,479.8	7,569.1	7,538.9	10.0	8.3	102.35	237.9	786.2	696.1	681.2	14.98	46.469	
7,600.0	7,579.8	7,665.1	7,634.1	10.1	8.5	102.18	242.5	774.9	683.7	668.5	15.14	45.147	
7,700.0	7,679.8	7,750.5	7,719.0	10.3	8.6	102.05	246.0	765.8	672.4	657.1	15.26	44.058	
7,800.0	7,779.8	7,862.6	7,830.4	10.4	8.7	101.92	250.0	753.8	661.2	645.7	15.50	42.666	
7,900.0	7,879.8	7,941.3	7,908.6	10.5	8.8	101.86	252.5	745.8	650.5	635.0	15.58	41.742	
8,000.0	7,979.8	8,032.8	7,999.8	10.6	8.9	101.82	254.4	738.5	642.4	626.6	15.74	40.825	
8,100.0	8,079.8	8,121.7	8,088.5	10.8	9.0	101.85	255.3	732.5	635.5	619.6	15.88	40.016	
8,200.0	8,179.8	8,230.7	8,197.3	10.9	9.1	101.95	255.6	726.0	629.7	613.6	16.09	39.138	
8,300.0	8,279.8	8,344.7	8,310.8	11.0	9.3	101.90	258.5	715.1	619.7	603.3	16.33	37.944	
8,400.0	8,379.8	8,429.1	8,394.8	11.1	9.4	101.89	260.0	708.0	611.0	594.6	16.45	37.147	
8,500.0	8,479.8	8,515.3	8,480.9	11.3	9.5	101.92	260.9	702.7	604.8	588.3	16.59	36.462	
8,600.0	8,579.8	8,646.1	8,611.2	11.4	9.6	101.95	262.5	693.0	597.3	580.4	16.90	35.353	
8,700.0	8,679.8	8,732.1	8,696.9	11.5	9.8	102.00	263.7	685.4	588.4	571.4	17.01	34.584	
8,800.0	8,779.8	8,821.0	8,785.6	11.6	9.9	102.05	264.5	679.3	581.5	564.4	17.15	33.898	
8,900.0	8,879.8	8,975.0	8,938.4	11.8	10.1	102.17	267.1	661.2	569.0	551.3	17.70	32.147	
9,000.0	8,979.8	9,060.0	9,022.5	11.9	10.2	102.26	268.9	648.7	554.3	536.6	17.76	31.210	
9,100.0	9,079.8	9,144.5	9,106.3	12.0	10.3	102.34	270.2	639.1	542.9	525.0	17.83	30.438	
9,200.0	9,179.8	9,236.3	9,197.8	12.1	10.4	102.43	271.2	630.7	533.6	515.6	17.97	29.687	
9,300.0	9,279.8	9,334.9	9,295.9	12.3	10.5	102.27	274.6	622.0	524.2	506.1	18.15	28.885	
9,400.0	9,379.8	9,429.4	9,390.2	12.4	10.6	102.13	277.4	615.2	516.5	498.2	18.30	28.222	
9,500.0	9,479.8	9,544.7	9,504.8	12.5	10.8	102.12	280.1	602.9	505.4	486.8	18.60	27.171	
9,600.0	9,579.8	9,638.3	9,597.9	12.7	10.9	102.02	282.9	593.9	495.3	476.6	18.74	26.432	
9,700.0	9,679.8	9,735.3	9,694.5	12.8	11.0	101.98	285.1	585.2	486.1	467.2	18.91	25.709	
9,800.0	9,779.8	9,825.0	9,783.8	12.9	11.1	102.00	286.6	577.6	477.5	458.5	19.03	25.094	
9,900.0	9,879.8	9,912.4	9,871.1	13.0	11.2	102.05	287.2	572.6	471.7	452.6	19.16	24.616	
10,000.0	9,979.8	10,006.1	9,964.7	13.2	11.3	102.21	286.6	569.2	468.3	449.0	19.33	24.222	
10,100.0	10,079.8	10,104.2	10,062.8	13.3	11.4	102.40	285.7	566.1	465.4	445.9	19.51	23.853	

CC - Min centre to center distance or covergent 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 #501H
Project:	BULLDOG PROSPECT (NM-E)	**TVD Reference:**	KB=30' @ 3311.0usft (SCAN QUEST)
Reference Site:	GREEN BERET FEDERAL PROJECT (BULLDOG 2535)	**MD Reference:**	KB=30' @ 3311.0usft (SCAN QUEST)
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	GREEN BERET FED COM #501H	**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 #701H - OWB - AWP — **Offset Site Error:** 3.0 usft

Survey Program: 100-Standard Keeper 104, 10401-MWD+IFR1+FDIR — **Rule Assigned:** — **Offset Well Error:** 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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
10,200.0	10,179.8	10,204.0	10,162.6	13.4	11.6	102.34	286.8	563.2	462.3	442.6	19.69	23.477	
10,300.0	10,279.8	10,298.3	10,256.8	13.5	11.7	102.44	286.4	561.6	460.8	440.9	19.86	23.199	
10,400.0	10,379.8	10,415.5	10,373.8	13.7	11.7	102.35	288.2	556.6	456.0	436.0	20.03	22.770	
10,500.0	10,479.8	10,546.3	10,503.5	13.8	11.7	103.64	280.9	543.0	447.0	426.6	20.47	21.839	
10,600.0	10,579.8	10,651.0	10,601.3	13.9	11.7	108.19	250.8	522.0	434.9	414.2	20.71	20.995	
10,700.0	10,679.8	10,754.3	10,690.8	14.1	11.8	114.96	207.4	494.6	424.3	403.3	21.05	20.159	
10,800.0	10,779.8	10,849.2	10,761.0	14.2	11.9	123.62	154.6	459.0	417.2	395.7	21.58	19.338	
10,821.3	10,801.1	10,864.7	10,771.5	14.2	11.9	125.18	145.3	452.5	417.0	395.2	21.73	19.188	CC, ES
10,900.0	10,879.8	10,908.2	10,799.7	14.3	12.0	129.73	118.1	433.5	421.5	398.8	22.76	18.522	
11,000.0	10,979.8	10,947.1	10,823.0	14.4	12.1	133.92	92.1	416.5	441.9	416.6	25.34	17.440	
11,100.0	11,079.8	10,978.5	10,840.3	14.6	12.1	137.31	69.6	403.2	478.4	449.8	28.66	16.692	
11,200.0	11,179.8	11,013.0	10,856.9	14.7	12.2	141.07	43.2	388.3	528.9	497.1	31.79	16.638	SF
11,300.0	11,279.8	11,013.0	10,856.9	14.8	12.2	141.07	43.2	388.3	590.3	555.3	35.00	16.867	
11,400.0	11,379.8	11,041.4	10,868.5	15.0	12.2	144.11	20.4	375.9	659.7	622.5	37.15	17.755	
11,500.0	11,479.8	11,059.0	10,874.9	15.1	12.3	145.95	5.9	368.2	735.5	696.5	39.00	18.857	
11,600.0	11,579.8	11,059.0	10,874.9	15.2	12.3	145.95	5.9	368.2	816.1	775.4	40.67	20.066	
11,700.0	11,679.8	11,084.6	10,883.2	15.3	12.3	148.53	-15.7	357.3	899.8	858.0	41.79	21.529	
11,800.0	11,779.8	11,106.0	10,889.6	15.5	12.4	150.57	-34.1	348.5	986.3	943.5	42.77	23.059	

CC - Min centre to center distance or covergent 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 #501H
Project:	BULLDOG PROSPECT (NM-E)	**TVD Reference:**	KB=30' @ 3311.0usft (SCAN QUEST)
Reference Site:	GREEN BERET FEDERAL PROJECT (BULLDOG 2535)	**MD Reference:**	KB=30' @ 3311.0usft (SCAN QUEST)
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	GREEN BERET FED COM #501H	**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 #702H - OWB - PWP1 — **Offset Site Error:** 3.0 usft

Survey Program: 0-MWD+IFR1+FDIR — **Rule Assigned:** — **Offset Well Error:** 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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	1.4	1.4	3.0	3.0	-90.38	-0.2	-30.0	30.0				
100.0	100.0	101.4	101.4	3.0	3.0	-90.38	-0.2	-30.0	30.0	24.0	6.00	4.998	
200.0	200.0	201.4	201.4	3.0	3.0	-90.38	-0.2	-30.0	30.0	24.0	6.04	4.966	
300.0	300.0	301.4	301.4	3.0	3.1	-90.38	-0.2	-30.0	30.0	23.9	6.12	4.901	
400.0	400.0	401.4	401.4	3.0	3.2	-90.38	-0.2	-30.0	30.0	23.8	6.24	4.806	
500.0	500.0	501.4	501.4	3.1	3.4	-90.38	-0.2	-30.0	30.0	23.6	6.40	4.689	
600.0	600.0	601.4	601.4	3.1	3.6	-90.38	-0.2	-30.0	30.0	23.4	6.59	4.555	
700.0	700.0	701.4	701.4	3.1	3.8	-90.38	-0.2	-30.0	30.0	23.2	6.80	4.411	
800.0	800.0	801.4	801.4	3.2	4.0	-90.38	-0.2	-30.0	30.0	23.0	7.04	4.262	
900.0	900.0	901.4	901.4	3.2	4.2	-90.38	-0.2	-30.0	30.0	22.7	7.30	4.111	
1,000.0	1,000.0	1,001.4	1,001.4	3.2	4.5	-90.38	-0.2	-30.0	30.0	22.4	7.57	3.962	
1,100.0	1,100.0	1,101.4	1,101.4	3.3	4.8	-90.38	-0.2	-30.0	30.0	22.1	7.86	3.816	
1,200.0	1,200.0	1,201.4	1,201.4	3.4	5.1	-90.38	-0.2	-30.0	30.0	21.8	8.16	3.676	
1,300.0	1,300.0	1,301.4	1,301.4	3.4	5.4	-90.38	-0.2	-30.0	30.0	21.5	8.47	3.541	
1,400.0	1,400.0	1,401.4	1,401.4	3.5	5.7	-90.38	-0.2	-30.0	30.0	21.2	8.79	3.412	
1,500.0	1,500.0	1,501.4	1,501.4	3.5	6.0	-90.38	-0.2	-30.0	30.0	20.9	9.12	3.289	
1,600.0	1,600.0	1,601.4	1,601.4	3.6	6.3	-90.38	-0.2	-30.0	30.0	20.5	9.46	3.172	
1,700.0	1,700.0	1,701.4	1,701.4	3.7	6.6	-90.38	-0.2	-30.0	30.0	20.2	9.80	3.062	
1,800.0	1,800.0	1,801.4	1,801.4	3.8	6.9	-90.38	-0.2	-30.0	30.0	19.9	10.15	2.957	
1,900.0	1,900.0	1,901.4	1,901.4	3.9	7.2	-90.38	-0.2	-30.0	30.0	19.5	10.50	2.858	
2,000.0	2,000.0	2,001.4	2,001.4	3.9	7.6	-90.38	-0.2	-30.0	30.0	19.1	10.85	2.764	
2,100.0	2,100.0	2,101.4	2,101.4	4.0	7.9	-90.38	-0.2	-30.0	30.0	18.8	11.21	2.676	
2,200.0	2,200.0	2,201.4	2,201.4	4.1	8.2	-90.38	-0.2	-30.0	30.0	18.4	11.57	2.592	
2,300.0	2,300.0	2,301.4	2,301.4	4.2	8.6	-90.38	-0.2	-30.0	30.0	18.1	11.94	2.512	
2,400.0	2,400.0	2,401.4	2,401.4	4.3	8.9	-90.38	-0.2	-30.0	30.0	17.7	12.31	2.437	
2,416.2	2,416.2	2,417.6	2,417.6	4.3	9.0	-90.38	-0.2	-30.0	30.0	17.6	12.37	2.425	CC
2,500.0	2,500.0	2,501.4	2,501.4	4.4	9.2	-90.38	-0.2	-30.0	30.0	17.3	12.68	2.365	ES, SF
2,600.0	2,600.0	2,600.7	2,600.6	4.5	9.6	-107.13	1.1	-31.2	31.7	18.6	13.05	2.428	
2,700.0	2,699.8	2,700.0	2,699.8	4.6	9.9	-108.69	5.0	-34.7	36.7	23.3	13.42	2.735	
2,800.0	2,799.5	2,798.5	2,798.0	4.7	10.2	-110.51	11.3	-40.5	45.1	31.3	13.79	3.269	
2,900.0	2,898.9	2,898.0	2,896.9	4.8	10.6	-112.09	19.0	-47.5	55.2	41.0	14.18	3.892	
3,000.0	2,998.4	2,997.5	2,995.8	4.9	10.9	-113.18	26.7	-54.4	65.3	50.7	14.57	4.482	
3,100.0	3,097.8	3,097.0	3,094.8	5.0	11.3	-113.97	34.4	-61.4	75.4	60.5	14.96	5.042	
3,200.0	3,197.3	3,196.4	3,193.7	5.1	11.6	-114.58	42.1	-68.4	85.6	70.2	15.36	5.573	
3,300.0	3,296.7	3,295.9	3,292.6	5.2	11.9	-115.06	49.8	-75.4	95.8	80.0	15.76	6.076	
3,400.0	3,396.2	3,395.4	3,391.6	5.3	12.3	-115.45	57.4	-82.4	105.9	89.8	16.16	6.554	
3,500.0	3,495.6	3,494.9	3,490.5	5.4	12.6	-115.77	65.1	-89.4	116.1	99.5	16.57	7.008	
3,600.0	3,595.1	3,594.3	3,589.4	5.5	13.0	-116.04	72.8	-96.4	126.3	109.3	16.98	7.439	
3,700.0	3,694.5	3,693.8	3,688.4	5.6	13.3	-116.26	80.5	-103.4	136.5	119.1	17.39	7.849	
3,800.0	3,794.0	3,793.3	3,787.3	5.7	13.7	-116.46	88.2	-110.4	146.7	128.9	17.80	8.239	
3,900.0	3,893.4	3,892.8	3,886.3	5.8	14.0	-116.63	95.9	-117.4	156.8	138.6	18.21	8.611	
4,000.0	3,992.9	3,992.3	3,985.2	5.9	14.4	-116.78	103.6	-124.4	167.0	148.4	18.63	8.965	
4,100.0	4,092.3	4,091.7	4,084.1	6.0	14.7	-116.91	111.3	-131.4	177.2	158.2	19.05	9.302	
4,200.0	4,191.8	4,191.2	4,183.1	6.1	15.1	-117.03	119.0	-138.4	187.4	167.9	19.47	9.624	
4,300.0	4,291.2	4,290.7	4,282.0	6.2	15.4	-117.14	126.7	-145.4	197.6	177.7	19.89	9.932	
4,400.0	4,390.7	4,390.2	4,380.9	6.3	15.8	-117.23	134.4	-152.4	207.8	187.4	20.32	10.225	
4,500.0	4,490.1	4,489.7	4,479.9	6.5	16.1	-117.32	142.1	-159.4	217.9	197.2	20.75	10.506	
4,600.0	4,589.6	4,589.1	4,578.8	6.6	16.5	-117.40	149.8	-166.4	228.1	207.0	21.17	10.774	
4,700.0	4,689.0	4,688.6	4,677.7	6.7	16.8	-117.47	157.4	-173.4	238.3	216.7	21.60	11.031	
4,800.0	4,788.5	4,788.1	4,776.7	6.8	17.2	-117.54	165.1	-180.4	248.5	226.5	22.04	11.277	
4,900.0	4,887.9	4,887.6	4,875.6	6.9	17.5	-117.60	172.8	-187.4	258.7	236.2	22.47	11.513	

CC - Min centre to center distance or covergent 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 #501H
Project:	BULLDOG PROSPECT (NM-E)	**TVD Reference:**	KB=30' @ 3311.0usft (SCAN QUEST)
Reference Site:	GREEN BERET FEDERAL PROJECT (BULLDOG 2535)	**MD Reference:**	KB=30' @ 3311.0usft (SCAN QUEST)
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	GREEN BERET FED COM #501H	**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 #702H - OWB - PWP1 — **Offset Site Error:** 3.0 usft

Survey Program: 0-MWD+IFR1+FDIR — **Rule Assigned:** — **Offset Well Error:** 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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
5,000.0	4,987.4	4,987.1	4,974.5	7.0	17.9	-117.65	180.5	-194.4	268.9	246.0	22.91	11.739	
5,100.0	5,086.9	5,086.5	5,073.5	7.1	18.3	-117.71	188.2	-201.4	279.1	255.7	23.34	11.955	
5,200.0	5,186.3	5,186.0	5,172.4	7.3	18.6	-117.76	195.9	-208.4	289.3	265.5	23.78	12.163	
5,300.0	5,285.8	5,285.5	5,271.3	7.4	19.0	-117.80	203.6	-215.4	299.5	275.2	24.22	12.363	
5,400.0	5,385.2	5,385.0	5,370.3	7.5	19.3	-117.84	211.3	-222.4	309.7	285.0	24.66	12.555	
5,500.0	5,484.7	5,484.5	5,469.2	7.6	19.7	-117.88	219.0	-229.4	319.8	294.7	25.11	12.739	
5,600.0	5,584.1	5,583.9	5,568.1	7.7	20.0	-117.92	226.7	-236.4	330.0	304.5	25.55	12.916	
5,700.0	5,683.6	5,683.4	5,667.1	7.8	20.4	-117.95	234.4	-243.4	340.2	314.2	26.00	13.086	
5,800.0	5,783.0	5,782.9	5,766.0	8.0	20.7	-117.99	242.1	-250.4	350.4	324.0	26.45	13.250	
5,900.0	5,882.5	5,882.4	5,864.9	8.1	21.1	-118.02	249.8	-257.4	360.6	333.7	26.89	13.408	
6,000.0	5,981.9	5,981.9	5,963.9	8.2	21.5	-118.05	257.4	-264.4	370.8	343.5	27.34	13.560	
6,100.0	6,081.4	6,081.3	6,062.8	8.3	21.8	-118.08	265.1	-271.4	381.0	353.2	27.80	13.706	
6,190.1	6,171.0	6,171.0	6,152.0	8.4	22.1	-118.10	272.1	-277.7	390.2	362.0	28.20	13.834	
6,200.0	6,180.8	6,180.8	6,161.7	8.4	22.2	-118.11	272.8	-278.4	391.2	362.9	28.25	13.848	
6,300.0	6,280.4	6,280.3	6,260.7	8.6	22.5	-118.09	280.5	-285.4	400.9	372.2	28.70	13.970	
6,400.0	6,380.1	6,379.9	6,359.8	8.7	22.9	-117.85	288.2	-292.4	409.8	380.6	29.13	14.067	
6,500.0	6,479.9	6,479.5	6,458.8	8.8	23.3	-117.40	295.9	-299.4	417.9	388.3	29.55	14.142	
6,600.0	6,579.8	6,579.1	6,557.9	8.9	23.6	-116.76	303.6	-306.4	425.2	395.3	29.95	14.197	
6,700.0	6,679.8	6,678.7	6,656.9	9.0	24.0	-115.93	311.3	-313.4	431.9	401.5	30.34	14.232	
6,790.1	6,769.9	6,768.3	6,746.1	9.1	24.3	-98.87	318.3	-319.7	437.3	406.6	30.69	14.250	
6,800.0	6,779.8	6,778.1	6,755.8	9.2	24.3	-98.76	319.0	-320.4	437.9	407.2	30.73	14.252	
6,900.0	6,879.8	6,877.6	6,854.7	9.3	24.7	-97.64	326.7	-327.4	443.8	412.7	31.10	14.269	
7,000.0	6,979.8	6,977.1	6,953.6	9.4	25.0	-96.55	334.4	-334.4	449.8	418.3	31.48	14.290	
7,100.0	7,079.8	7,076.5	7,052.5	9.5	25.4	-95.49	342.1	-341.4	456.0	424.2	31.86	14.315	
7,200.0	7,179.8	7,176.0	7,151.4	9.6	25.8	-94.45	349.8	-348.3	462.4	430.1	32.24	14.342	
7,300.0	7,279.8	7,275.4	7,250.3	9.8	26.1	-93.45	357.5	-355.3	468.9	436.3	32.62	14.372	
7,400.0	7,379.8	7,378.9	7,353.3	9.9	26.5	-92.48	365.1	-362.3	475.2	442.2	33.02	14.392	
7,500.0	7,479.8	7,484.3	7,458.3	10.0	26.9	-91.68	371.5	-368.1	480.5	447.1	33.43	14.376	
7,600.0	7,579.8	7,589.9	7,563.7	10.1	27.3	-91.08	376.5	-372.6	484.7	450.9	33.83	14.327	
7,700.0	7,679.8	7,695.7	7,669.5	10.3	27.6	-90.65	380.0	-375.9	487.7	453.5	34.24	14.243	
7,800.0	7,779.8	7,801.7	7,775.4	10.4	28.0	-90.40	382.1	-377.8	489.5	454.9	34.66	14.125	
7,900.0	7,879.8	7,907.5	7,881.2	10.5	28.4	-90.33	382.8	-378.4	490.1	455.0	35.07	13.975	
8,000.0	7,979.8	8,007.5	7,981.2	10.6	28.7	-90.33	382.8	-378.4	490.1	454.6	35.48	13.814	
8,100.0	8,079.8	8,107.5	8,081.2	10.8	29.1	-90.33	382.8	-378.4	490.1	454.2	35.88	13.657	
8,200.0	8,179.8	8,207.5	8,181.2	10.9	29.4	-90.33	382.8	-378.4	490.1	453.8	36.29	13.504	
8,300.0	8,279.8	8,307.5	8,281.2	11.0	29.8	-90.33	382.8	-378.4	490.1	453.4	36.70	13.354	
8,400.0	8,379.8	8,407.5	8,381.2	11.1	30.1	-90.33	382.8	-378.4	490.1	453.0	37.11	13.207	
8,500.0	8,479.8	8,507.5	8,481.2	11.3	30.5	-90.33	382.8	-378.4	490.1	452.6	37.52	13.063	
8,600.0	8,579.8	8,607.5	8,581.2	11.4	30.8	-90.33	382.8	-378.4	490.1	452.1	37.93	12.922	
8,700.0	8,679.8	8,707.5	8,681.2	11.5	31.2	-90.33	382.8	-378.4	490.1	451.7	38.34	12.784	
8,800.0	8,779.8	8,807.5	8,781.2	11.6	31.6	-90.33	382.8	-378.4	490.1	451.3	38.75	12.648	
8,900.0	8,879.8	8,907.5	8,881.2	11.8	31.9	-90.33	382.8	-378.4	490.1	450.9	39.16	12.516	
9,000.0	8,979.8	9,007.5	8,981.2	11.9	32.3	-90.33	382.8	-378.4	490.1	450.5	39.57	12.386	
9,100.0	9,079.8	9,107.5	9,081.2	12.0	32.6	-90.33	382.8	-378.4	490.1	450.1	39.98	12.258	
9,200.0	9,179.8	9,207.5	9,181.2	12.1	33.0	-90.33	382.8	-378.4	490.1	449.7	40.39	12.133	
9,300.0	9,279.8	9,307.5	9,281.2	12.3	33.3	-90.33	382.8	-378.4	490.1	449.3	40.80	12.011	
9,400.0	9,379.8	9,407.5	9,381.2	12.4	33.7	-90.33	382.8	-378.4	490.1	448.9	41.21	11.891	
9,500.0	9,479.8	9,507.5	9,481.2	12.5	34.0	-90.33	382.8	-378.4	490.1	448.4	41.63	11.773	
9,600.0	9,579.8	9,607.5	9,581.2	12.7	34.4	-90.33	382.8	-378.4	490.1	448.0	42.04	11.658	
9,700.0	9,679.8	9,707.5	9,681.2	12.8	34.7	-90.33	382.8	-378.4	490.1	447.6	42.45	11.544	
9,800.0	9,779.8	9,807.5	9,781.2	12.9	35.1	-90.33	382.8	-378.4	490.1	447.2	42.86	11.433	

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

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Anticollision Report

Company:	DELAWARE BASIN EAST	**Local Co-ordinate Reference:**	Well GREEN BERET FED COM #501H
Project:	BULLDOG PROSPECT (NM-E)	**TVD Reference:**	KB=30' @ 3311.0usft (SCAN QUEST)
Reference Site:	GREEN BERET FEDERAL PROJECT (BULLDOG 2535)	**MD Reference:**	KB=30' @ 3311.0usft (SCAN QUEST)
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	GREEN BERET FED COM #501H	**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 #702H - OWB - PWP1 — **Offset Site Error:** 3.0 usft

Survey Program: 0-MWD+IFR1+FDIR — **Rule Assigned:** — **Offset Well Error:** 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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
9,900.0	9,879.8	9,907.5	9,881.2	13.0	35.4	-90.33	382.8	-378.4	490.1	446.8	43.28	11.324	
10,000.0	9,979.8	10,007.5	9,981.2	13.2	35.8	-90.33	382.8	-378.4	490.1	446.4	43.69	11.216	
10,100.0	10,079.8	10,107.5	10,081.2	13.3	36.1	-90.33	382.8	-378.4	490.1	446.0	44.11	11.111	
10,200.0	10,179.8	10,207.5	10,181.2	13.4	36.5	-90.33	382.8	-378.4	490.1	445.6	44.52	11.008	
10,300.0	10,279.8	10,307.5	10,281.2	13.5	36.9	-90.33	382.8	-378.4	490.1	445.1	44.93	10.906	
10,400.0	10,379.8	10,407.5	10,381.2	13.7	37.2	-90.33	382.8	-378.4	490.1	444.7	45.35	10.807	
10,500.0	10,479.8	10,507.5	10,481.2	13.8	37.6	-90.33	382.8	-378.4	490.1	444.3	45.76	10.709	
10,600.0	10,579.8	10,607.5	10,581.2	13.9	37.9	-90.33	382.8	-378.4	490.1	443.9	46.18	10.612	
10,700.0	10,679.8	10,707.5	10,681.2	14.1	38.3	-90.33	382.8	-378.4	490.1	443.5	46.59	10.518	
10,800.0	10,779.8	10,807.5	10,781.2	14.2	38.6	-90.33	382.8	-378.4	490.1	443.1	47.01	10.425	
10,900.0	10,879.8	10,907.5	10,881.2	14.3	39.0	-90.33	382.8	-378.4	490.1	442.6	47.43	10.333	
11,000.0	10,979.8	11,007.5	10,981.2	14.4	39.3	-90.33	382.8	-378.4	490.1	442.2	47.84	10.244	
11,100.0	11,079.8	11,107.5	11,081.2	14.6	39.7	-90.33	382.8	-378.4	490.1	441.8	48.26	10.155	
11,200.0	11,179.8	11,207.5	11,181.2	14.7	40.0	-90.33	382.8	-378.4	490.1	441.4	48.67	10.068	
11,300.0	11,279.8	11,307.5	11,281.2	14.8	40.4	-90.33	382.8	-378.4	490.1	441.0	49.09	9.983	
11,400.0	11,379.8	11,407.5	11,381.2	15.0	40.8	-90.33	382.8	-378.4	490.1	440.6	49.51	9.899	
11,500.0	11,479.8	11,507.5	11,481.2	15.1	41.1	-90.33	382.8	-378.4	490.1	440.1	49.92	9.816	
11,600.0	11,579.8	11,607.5	11,581.2	15.2	41.5	-90.33	382.8	-378.4	490.1	439.7	50.34	9.735	
11,700.0	11,679.8	11,707.5	11,681.2	15.3	41.8	-90.33	382.8	-378.4	490.1	439.3	50.76	9.655	
11,800.0	11,779.8	11,807.5	11,781.2	15.5	42.2	-90.33	382.8	-378.4	490.1	438.9	51.18	9.576	
11,900.0	11,879.8	11,907.5	11,881.2	15.6	42.5	-90.33	382.8	-378.4	490.1	438.5	51.59	9.499	
12,000.0	11,979.8	12,007.5	11,981.2	15.7	42.9	-90.33	382.8	-378.4	490.1	438.1	52.01	9.422	
12,100.0	12,079.8	12,107.5	12,081.2	15.9	43.2	-90.33	382.8	-378.4	490.1	437.6	52.43	9.347	
12,129.7	12,109.5	12,137.2	12,110.9	15.9	43.3	-90.33	382.8	-378.4	490.1	437.5	52.55	9.327	
12,150.0	12,129.8	12,157.5	12,131.2	15.9	43.4	90.25	382.8	-378.4	490.1	437.5	52.62	9.314	
12,175.0	12,154.7	12,182.4	12,156.1	15.9	43.5	90.45	382.8	-378.4	490.1	437.4	52.70	9.299	
12,200.0	12,179.5	12,207.2	12,180.9	15.9	43.6	90.80	382.8	-378.4	490.1	437.3	52.78	9.285	
12,225.0	12,204.2	12,231.9	12,205.6	15.9	43.7	91.28	382.8	-378.4	490.2	437.3	52.86	9.273	
12,250.0	12,228.5	12,256.2	12,229.9	15.9	43.8	91.90	382.8	-378.4	490.4	437.4	52.94	9.263	
12,275.0	12,252.6	12,280.3	12,254.0	15.9	43.9	92.64	382.8	-378.4	490.6	437.6	53.02	9.254	
12,300.0	12,276.2	12,303.9	12,277.6	15.9	43.9	93.47	382.8	-378.4	491.1	438.0	53.10	9.249	
12,325.0	12,299.4	12,327.1	12,300.8	15.9	44.0	94.40	382.8	-378.4	491.8	438.6	53.18	9.248	
12,350.0	12,322.1	12,349.8	12,323.5	15.9	44.1	95.39	382.8	-378.4	492.8	439.5	53.27	9.251	
12,375.0	12,344.1	12,371.8	12,345.5	15.9	44.2	96.42	382.8	-378.4	494.1	440.8	53.37	9.259	
12,400.0	12,365.6	12,393.3	12,367.0	16.0	44.3	97.48	382.8	-378.4	496.0	442.5	53.48	9.273	
12,425.0	12,386.3	12,414.0	12,387.7	16.0	44.3	98.52	382.8	-378.4	498.3	444.7	53.61	9.295	
12,450.0	12,406.3	12,439.1	12,412.8	16.0	44.4	99.85	382.2	-378.4	501.1	447.4	53.75	9.323	
12,475.0	12,425.5	12,465.7	12,439.3	16.0	44.5	101.21	380.2	-378.4	504.4	450.5	53.91	9.356	
12,500.0	12,443.8	12,493.5	12,466.8	16.0	44.6	102.58	376.5	-378.3	508.0	453.9	54.09	9.392	
12,525.0	12,461.2	12,522.6	12,495.4	16.1	44.7	103.96	370.9	-378.3	511.9	457.6	54.28	9.431	
12,550.0	12,477.6	12,553.2	12,525.0	16.1	44.8	105.34	363.2	-378.2	516.2	461.7	54.50	9.471	
12,575.0	12,493.0	12,585.4	12,555.6	16.1	44.8	106.74	353.0	-378.1	520.7	465.9	54.74	9.511	
12,600.0	12,507.3	12,619.6	12,587.1	16.1	44.9	108.15	340.0	-378.0	525.4	470.4	55.01	9.551	
12,625.0	12,520.6	12,655.8	12,619.5	16.1	45.0	109.56	323.8	-377.8	530.2	474.9	55.30	9.588	
12,650.0	12,532.8	12,694.3	12,652.5	16.2	45.1	110.97	303.9	-377.7	535.1	479.5	55.61	9.622	
12,675.0	12,543.7	12,735.3	12,685.7	16.2	45.2	112.37	279.8	-377.4	539.9	484.0	55.93	9.653	
12,700.0	12,553.5	12,779.1	12,718.7	16.2	45.3	113.74	251.2	-377.2	544.6	488.3	56.27	9.679	
12,725.0	12,562.1	12,825.7	12,750.8	16.2	45.3	115.05	217.4	-376.9	549.0	492.4	56.60	9.700	
12,750.0	12,569.5	12,875.2	12,781.2	16.2	45.4	116.28	178.4	-376.5	553.1	496.2	56.93	9.716	
12,775.0	12,575.5	12,927.5	12,808.7	16.2	45.5	117.37	133.8	-376.1	556.6	499.4	57.24	9.725	
12,800.0	12,580.3	12,982.6	12,832.2	16.3	45.5	118.30	84.1	-375.6	559.6	502.1	57.53	9.727	

CC - Min centre to center distance or covergent 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 #501H
Project:	BULLDOG PROSPECT (NM-E)	**TVD Reference:**	KB=30' @ 3311.0usft (SCAN QUEST)
Reference Site:	GREEN BERET FEDERAL PROJECT (BULLDOG 2535)	**MD Reference:**	KB=30' @ 3311.0usft (SCAN QUEST)
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	GREEN BERET FED COM #501H	**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 #702H - OWB - PWP1 — **Offset Site Error:** 3.0 usft

Survey Program: 0-MWD+IFR1+FDIR — **Rule Assigned:** — **Offset Well Error:** 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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
12,825.0	12,583.8	13,039.8	12,850.4	16.3	45.6	119.00	29.9	-375.1	561.8	504.0	57.80	9.720	
12,850.0	12,586.0	13,098.8	12,862.3	16.3	45.6	119.45	-27.8	-374.6	563.2	505.1	58.06	9.701	
12,877.1	12,587.0	13,163.7	12,867.0	16.3	45.6	119.62	-92.5	-374.0	563.7	505.4	58.31	9.668	
12,878.1	12,587.0	13,160.6	12,866.9	16.3	45.6	119.62	-89.4	-374.0	563.7	505.4	58.29	9.671	
12,900.0	12,587.1	13,186.3	12,867.1	16.3	45.6	119.62	-115.1	-373.8	563.7	505.4	58.36	9.660	
13,000.0	12,587.6	13,286.3	12,867.6	16.3	45.7	119.62	-215.1	-372.9	563.7	505.1	58.61	9.618	
13,100.0	12,588.2	13,386.3	12,868.2	16.3	45.7	119.62	-315.1	-371.9	563.7	504.8	58.93	9.567	
13,200.0	12,588.7	13,486.3	12,868.7	16.4	45.8	119.62	-415.1	-371.0	563.7	504.4	59.29	9.508	
13,300.0	12,589.3	13,586.3	12,869.3	16.4	45.9	119.62	-515.1	-370.1	563.7	504.0	59.71	9.441	
13,400.0	12,589.8	13,686.3	12,869.8	16.5	46.0	119.62	-615.1	-369.2	563.7	503.5	60.17	9.368	
13,500.0	12,590.4	13,786.3	12,870.4	16.5	46.1	119.62	-715.1	-368.3	563.7	503.0	60.69	9.289	
13,600.0	12,590.9	13,886.3	12,870.9	16.6	46.2	119.62	-815.1	-367.3	563.7	502.5	61.25	9.204	
13,700.0	12,591.5	13,986.3	12,871.5	16.6	46.4	119.62	-915.1	-366.4	563.7	501.9	61.85	9.114	
13,800.0	12,592.0	14,086.3	12,872.0	16.7	46.5	119.62	-1,015.1	-365.5	563.7	501.2	62.49	9.020	
13,900.0	12,592.6	14,186.3	12,872.6	16.9	46.7	119.62	-1,115.1	-364.6	563.7	500.5	63.17	8.923	
14,000.0	12,593.1	14,286.3	12,873.1	17.3	46.9	119.62	-1,215.1	-363.6	563.7	499.8	63.89	8.822	
14,100.0	12,593.6	14,386.3	12,873.7	17.8	47.1	119.62	-1,315.1	-362.7	563.7	499.0	64.65	8.719	
14,200.0	12,594.2	14,486.3	12,874.2	18.5	47.3	119.62	-1,415.0	-361.8	563.7	498.3	65.44	8.614	
14,300.0	12,594.7	14,586.3	12,874.7	19.2	47.5	119.62	-1,515.0	-360.9	563.7	497.4	66.26	8.507	
14,400.0	12,595.3	14,686.3	12,875.3	19.9	47.8	119.62	-1,615.0	-360.0	563.7	496.6	67.11	8.399	
14,500.0	12,595.8	14,786.3	12,875.8	20.7	48.0	119.62	-1,715.0	-359.0	563.7	495.7	67.99	8.290	
14,600.0	12,596.4	14,886.3	12,876.4	21.4	48.3	119.62	-1,815.0	-358.1	563.7	494.8	68.90	8.181	
14,700.0	12,596.9	14,986.3	12,876.9	22.2	48.6	119.62	-1,915.0	-357.2	563.7	493.8	69.84	8.071	
14,800.0	12,597.5	15,086.3	12,877.5	23.0	48.9	119.62	-2,015.0	-356.3	563.7	492.9	70.80	7.962	
14,900.0	12,598.0	15,186.3	12,878.0	23.8	49.2	119.62	-2,115.0	-355.3	563.7	491.9	71.78	7.853	
15,000.0	12,598.6	15,286.3	12,878.6	24.6	49.6	119.62	-2,215.0	-354.4	563.7	490.9	72.79	7.744	
15,100.0	12,599.1	15,386.3	12,879.1	25.3	49.9	119.62	-2,315.0	-353.5	563.7	489.9	73.82	7.636	
15,200.0	12,599.7	15,486.3	12,879.7	26.1	50.2	119.62	-2,415.0	-352.6	563.7	488.8	74.87	7.528	
15,300.0	12,600.2	15,586.3	12,880.2	26.9	50.6	119.62	-2,515.0	-351.6	563.7	487.7	75.95	7.422	
15,400.0	12,600.8	15,686.3	12,880.8	27.8	51.0	119.62	-2,615.0	-350.7	563.7	486.6	77.04	7.317	
15,500.0	12,601.3	15,786.3	12,881.3	28.6	51.4	119.62	-2,715.0	-349.8	563.7	485.5	78.15	7.213	
15,600.0	12,601.9	15,886.3	12,881.9	29.4	51.8	119.62	-2,815.0	-348.9	563.7	484.4	79.28	7.110	
15,700.0	12,602.4	15,986.3	12,882.4	30.2	52.2	119.62	-2,915.0	-348.0	563.7	483.2	80.42	7.009	
15,800.0	12,603.0	16,086.3	12,883.0	31.0	52.6	119.62	-3,015.0	-347.0	563.7	482.1	81.58	6.909	
15,900.0	12,603.5	16,186.3	12,883.5	31.8	53.0	119.62	-3,115.0	-346.1	563.7	480.9	82.76	6.811	
16,000.0	12,604.0	16,286.3	12,884.0	32.6	53.5	119.62	-3,214.9	-345.2	563.7	479.7	83.95	6.714	
16,100.0	12,604.6	16,386.3	12,884.6	33.5	53.9	119.62	-3,314.9	-344.3	563.7	478.5	85.16	6.619	
16,200.0	12,605.1	16,486.3	12,885.1	34.3	54.4	119.62	-3,414.9	-343.3	563.7	477.3	86.38	6.525	
16,300.0	12,605.7	16,586.3	12,885.7	35.1	54.9	119.62	-3,514.9	-342.4	563.7	476.0	87.62	6.433	
16,400.0	12,606.2	16,686.3	12,886.2	36.0	55.4	119.62	-3,614.9	-341.5	563.7	474.8	88.87	6.343	
16,500.0	12,606.8	16,786.3	12,886.8	36.8	55.9	119.62	-3,714.9	-340.6	563.7	473.5	90.13	6.254	
16,600.0	12,607.3	16,886.3	12,887.3	37.6	56.4	119.62	-3,814.9	-339.7	563.7	472.2	91.40	6.167	
16,700.0	12,607.9	16,986.3	12,887.9	38.4	56.9	119.62	-3,914.9	-338.7	563.7	471.0	92.69	6.081	
16,800.0	12,608.4	17,086.3	12,888.4	39.3	57.4	119.62	-4,014.9	-337.8	563.6	469.7	93.98	5.997	
16,900.0	12,609.0	17,186.3	12,889.0	40.1	57.9	119.62	-4,114.9	-336.9	563.6	468.4	95.29	5.915	
17,000.0	12,609.5	17,286.3	12,889.5	41.0	58.4	119.62	-4,214.9	-336.0	563.6	467.0	96.61	5.834	
17,100.0	12,610.1	17,386.3	12,890.1	41.8	59.0	119.62	-4,314.9	-335.0	563.6	465.7	97.94	5.755	
17,200.0	12,610.6	17,486.3	12,890.6	42.6	59.5	119.62	-4,414.9	-334.1	563.6	464.4	99.27	5.678	
17,300.0	12,611.2	17,586.3	12,891.2	43.5	60.1	119.62	-4,514.9	-333.2	563.6	463.0	100.62	5.602	
17,400.0	12,611.7	17,686.3	12,891.7	44.3	60.6	119.62	-4,614.9	-332.3	563.6	461.7	101.98	5.527	
17,500.0	12,612.3	17,786.3	12,892.3	45.2	61.2	119.62	-4,714.9	-331.4	563.6	460.3	103.34	5.454	

CC - Min centre to center distance or covergent 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 #501H
Project:	BULLDOG PROSPECT (NM-E)	**TVD Reference:**	KB=30' @ 3311.0usft (SCAN QUEST)
Reference Site:	GREEN BERET FEDERAL PROJECT (BULLDOG 2535)	**MD Reference:**	KB=30' @ 3311.0usft (SCAN QUEST)
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	GREEN BERET FED COM #501H	**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 #702H - OWB - PWP1 — **Offset Site Error:** 3.0 usft

Survey Program: 0-MWD+IFR1+FDIR — **Rule Assigned:** — **Offset Well Error:** 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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
17,600.0	12,612.8	17,886.3	12,892.8	46.0	61.8	119.62	-4,814.9	-330.4	563.6	458.9	104.71	5.383	
17,700.0	12,613.4	17,986.3	12,893.4	46.8	62.4	119.62	-4,914.8	-329.5	563.6	457.5	106.10	5.313	
17,800.0	12,613.9	18,086.3	12,893.9	47.7	63.0	119.62	-5,014.8	-328.6	563.6	456.1	107.48	5.244	
17,900.0	12,614.4	18,186.3	12,894.4	48.5	63.6	119.62	-5,114.8	-327.7	563.6	454.7	108.88	5.177	
18,000.0	12,615.0	18,286.3	12,895.0	49.4	64.2	119.62	-5,214.8	-326.7	563.6	453.3	110.28	5.111	
18,100.0	12,615.5	18,386.3	12,895.5	50.2	64.8	119.62	-5,314.8	-325.8	563.6	451.9	111.70	5.046	
18,200.0	12,616.1	18,486.3	12,896.1	51.1	65.4	119.62	-5,414.8	-324.9	563.6	450.5	113.11	4.983	
18,300.0	12,616.6	18,586.3	12,896.6	51.9	66.0	119.62	-5,514.8	-324.0	563.6	449.1	114.54	4.921	
18,400.0	12,617.2	18,686.3	12,897.2	52.7	66.6	119.62	-5,614.8	-323.1	563.6	447.7	115.97	4.860	
18,500.0	12,617.7	18,786.3	12,897.7	53.6	67.2	119.62	-5,714.8	-322.1	563.6	446.2	117.41	4.801	
18,600.0	12,618.3	18,886.3	12,898.3	54.4	67.9	119.62	-5,814.8	-321.2	563.6	444.8	118.85	4.742	
18,700.0	12,618.8	18,986.3	12,898.8	55.3	68.5	119.62	-5,914.8	-320.3	563.6	443.3	120.30	4.685	
18,800.0	12,619.4	19,086.3	12,899.4	56.1	69.2	119.62	-6,014.8	-319.4	563.6	441.9	121.75	4.629	
18,900.0	12,619.9	19,186.3	12,899.9	57.0	69.8	119.62	-6,114.8	-318.4	563.6	440.4	123.21	4.574	
19,000.0	12,620.5	19,286.3	12,900.5	57.8	70.5	119.62	-6,214.8	-317.5	563.6	438.9	124.68	4.521	
19,100.0	12,621.0	19,386.3	12,901.0	58.7	71.1	119.62	-6,314.8	-316.6	563.6	437.5	126.15	4.468	
19,200.0	12,621.6	19,486.3	12,901.6	59.5	71.8	119.63	-6,414.8	-315.7	563.6	436.0	127.62	4.416	
19,300.0	12,622.1	19,586.3	12,902.1	60.4	72.5	119.63	-6,514.8	-314.7	563.6	434.5	129.10	4.366	
19,400.0	12,622.7	19,686.3	12,902.7	61.2	73.1	119.63	-6,614.8	-313.8	563.6	433.0	130.59	4.316	
19,500.0	12,623.2	19,786.3	12,903.2	62.1	73.8	119.63	-6,714.7	-312.9	563.6	431.5	132.08	4.267	
19,600.0	12,623.7	19,886.3	12,903.7	62.9	74.5	119.63	-6,814.7	-312.0	563.6	430.0	133.57	4.219	
19,700.0	12,624.3	19,986.3	12,904.3	63.8	75.2	119.63	-6,914.7	-311.1	563.6	428.5	135.07	4.173	
19,800.0	12,624.8	20,086.3	12,904.8	64.6	75.8	119.63	-7,014.7	-310.1	563.6	427.0	136.57	4.127	
19,900.0	12,625.4	20,186.3	12,905.4	65.5	76.5	119.63	-7,114.7	-309.2	563.6	425.5	138.08	4.082	
20,000.0	12,625.9	20,286.3	12,905.9	66.3	77.2	119.63	-7,214.7	-308.3	563.6	424.0	139.59	4.038	
20,100.0	12,626.5	20,386.3	12,906.5	67.2	77.9	119.63	-7,314.7	-307.4	563.6	422.5	141.10	3.994	
20,193.9	12,627.0	20,480.2	12,907.0	68.0	78.6	119.63	-7,408.6	-306.5	563.6	421.1	142.52	3.954	

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Anticollision Report

Company:	DELAWARE BASIN EAST	**Local Co-ordinate Reference:**	Well GREEN BERET FED COM #501H
Project:	BULLDOG PROSPECT (NM-E)	**TVD Reference:**	KB=30' @ 3311.0usft (SCAN QUEST)
Reference Site:	GREEN BERET FEDERAL PROJECT (BULLDOG 2535)	**MD Reference:**	KB=30' @ 3311.0usft (SCAN QUEST)
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	GREEN BERET FED COM #501H	**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 — **Rule Assigned:** — **Offset Well Error:** 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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	89.81	0.1	30.0	30.2				
100.0	100.0	96.5	96.5	3.0	3.0	89.81	0.1	30.0	30.0	24.0	6.00	5.000	
200.0	200.0	196.5	196.5	3.0	3.0	89.81	0.1	30.0	30.0	24.0	6.00	4.998	
300.0	300.0	296.5	296.5	3.0	3.0	89.81	0.1	30.0	30.0	24.0	6.01	4.993	
400.0	400.0	396.5	396.5	3.0	3.0	89.81	0.1	30.0	30.0	24.0	6.02	4.985	
500.0	500.0	496.5	496.5	3.1	3.1	89.81	0.1	30.0	30.0	24.0	6.03	4.975	
600.0	600.0	596.5	596.5	3.1	3.1	89.81	0.1	30.0	30.0	24.0	6.05	4.962	
700.0	700.0	696.5	696.5	3.1	3.1	89.81	0.1	30.0	30.0	23.9	6.07	4.946	
800.0	800.0	796.5	796.5	3.2	3.2	89.81	0.1	30.0	30.0	23.9	6.09	4.929	
900.0	900.0	896.5	896.5	3.2	3.2	89.81	0.1	30.0	30.0	23.9	6.11	4.908	
1,000.0	1,000.0	996.5	996.5	3.2	3.2	89.81	0.1	30.0	30.0	23.9	6.14	4.886	
1,100.0	1,100.0	1,096.5	1,096.5	3.3	3.3	89.81	0.1	30.0	30.0	23.8	6.17	4.861	
1,200.0	1,200.0	1,196.5	1,196.5	3.4	3.4	89.81	0.1	30.0	30.0	23.8	6.21	4.834	
1,300.0	1,300.0	1,296.5	1,296.5	3.4	3.4	89.81	0.1	30.0	30.0	23.8	6.24	4.806	
1,400.0	1,400.0	1,396.5	1,396.5	3.5	3.5	89.81	0.1	30.0	30.0	23.7	6.28	4.775	
1,500.0	1,500.0	1,496.5	1,496.5	3.5	3.5	89.81	0.1	30.0	30.0	23.7	6.33	4.743	
1,600.0	1,600.0	1,596.5	1,596.5	3.6	3.6	89.81	0.1	30.0	30.0	23.6	6.37	4.709	
1,700.0	1,700.0	1,696.5	1,696.5	3.7	3.7	89.81	0.1	30.0	30.0	23.6	6.42	4.673	
1,800.0	1,800.0	1,796.5	1,796.5	3.8	3.8	89.81	0.1	30.0	30.0	23.5	6.47	4.637	
1,900.0	1,900.0	1,896.5	1,896.5	3.9	3.9	89.81	0.1	30.0	30.0	23.5	6.52	4.599	
2,000.0	2,000.0	1,996.5	1,996.5	3.9	3.9	89.81	0.1	30.0	30.0	23.4	6.58	4.559	
2,100.0	2,100.0	2,096.5	2,096.5	4.0	4.0	89.81	0.1	30.0	30.0	23.4	6.64	4.519	
2,200.0	2,200.0	2,196.5	2,196.5	4.1	4.1	89.81	0.1	30.0	30.0	23.3	6.70	4.478	
2,300.0	2,300.0	2,296.5	2,296.5	4.2	4.2	89.81	0.1	30.0	30.0	23.2	6.76	4.436	
2,400.0	2,400.0	2,396.5	2,396.5	4.3	4.3	89.81	0.1	30.0	30.0	23.2	6.83	4.394	
2,500.0	2,500.0	2,496.5	2,496.5	4.4	4.4	89.81	0.1	30.0	30.0	23.1	6.90	4.350	CC, ES
2,600.0	2,600.0	2,595.7	2,595.6	4.5	4.5	75.07	1.0	31.3	30.9	23.9	6.97	4.430	
2,700.0	2,699.8	2,694.7	2,694.6	4.6	4.5	78.62	3.8	35.5	33.7	26.7	7.04	4.787	
2,800.0	2,799.5	2,793.6	2,793.1	4.7	4.6	83.24	8.5	42.5	38.8	31.6	7.15	5.425	
2,900.0	2,898.9	2,893.3	2,892.2	4.8	4.7	87.28	14.3	51.1	45.3	38.0	7.27	6.227	
3,000.0	2,998.4	2,993.0	2,991.4	4.9	4.8	90.30	20.1	59.8	51.9	44.5	7.39	7.024	
3,100.0	3,097.8	3,092.8	3,090.6	5.0	4.8	92.63	26.0	68.4	58.7	51.2	7.51	7.812	
3,200.0	3,197.3	3,192.5	3,189.8	5.1	4.9	94.47	31.8	77.0	65.5	57.9	7.63	8.586	
3,300.0	3,296.7	3,292.3	3,289.0	5.2	5.0	95.97	37.6	85.7	72.4	64.7	7.75	9.346	
3,400.0	3,396.2	3,392.0	3,388.2	5.3	5.1	97.20	43.4	94.3	79.4	71.5	7.87	10.089	
3,500.0	3,495.6	3,491.8	3,487.4	5.4	5.2	98.24	49.3	103.0	86.3	78.3	7.98	10.813	
3,600.0	3,595.1	3,591.5	3,586.6	5.5	5.2	99.12	55.1	111.6	93.3	85.2	8.10	11.519	
3,700.0	3,694.5	3,691.2	3,685.8	5.6	5.3	99.88	60.9	120.3	100.3	92.1	8.22	12.205	
3,800.0	3,794.0	3,791.0	3,785.0	5.7	5.4	100.53	66.7	128.9	107.4	99.0	8.34	12.872	
3,900.0	3,893.4	3,890.7	3,884.2	5.8	5.5	101.11	72.6	137.6	114.4	105.9	8.46	13.518	
4,000.0	3,992.9	3,990.5	3,983.4	5.9	5.6	101.62	78.4	146.2	121.4	112.9	8.59	14.144	
4,100.0	4,092.3	4,090.2	4,082.6	6.0	5.7	102.08	84.2	154.9	128.5	119.8	8.71	14.750	
4,200.0	4,191.8	4,190.0	4,181.8	6.1	5.8	102.48	90.0	163.5	135.6	126.7	8.84	15.336	
4,300.0	4,291.2	4,289.7	4,281.0	6.2	5.9	102.85	95.8	172.2	142.6	133.7	8.97	15.901	
4,400.0	4,390.7	4,389.5	4,380.2	6.3	6.0	103.18	101.7	180.8	149.7	140.6	9.10	16.446	
4,500.0	4,490.1	4,489.2	4,479.4	6.5	6.1	103.48	107.5	189.5	156.8	147.6	9.24	16.972	
4,600.0	4,589.6	4,589.0	4,578.6	6.6	6.2	103.76	113.3	198.1	163.9	154.5	9.38	17.478	
4,700.0	4,689.0	4,688.7	4,677.8	6.7	6.3	104.01	119.1	206.8	171.0	161.5	9.52	17.965	
4,800.0	4,788.5	4,788.4	4,777.0	6.8	6.4	104.25	125.0	215.4	178.1	168.4	9.66	18.433	
4,900.0	4,887.9	4,888.2	4,876.2	6.9	6.5	104.46	130.8	224.1	185.2	175.3	9.81	18.883	
5,000.0	4,987.4	4,987.9	4,975.4	7.0	6.6	104.66	136.6	232.7	192.2	182.3	9.95	19.314	

CC - Min centre to center distance or covergent 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 #501H
Project:	BULLDOG PROSPECT (NM-E)	**TVD Reference:**	KB=30' @ 3311.0usft (SCAN QUEST)
Reference Site:	GREEN BERET FEDERAL PROJECT (BULLDOG 2535)	**MD Reference:**	KB=30' @ 3311.0usft (SCAN QUEST)
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	GREEN BERET FED COM #501H	**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 — **Rule Assigned:** — **Offset Well Error:** 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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
5,100.0	5,086.9	5,087.7	5,074.6	7.1	6.7	104.85	142.4	241.4	199.3	189.2	10.10	19.729	
5,200.0	5,186.3	5,187.4	5,173.8	7.3	6.8	105.02	148.3	250.0	206.4	196.2	10.26	20.126	
5,300.0	5,285.8	5,287.2	5,273.0	7.4	6.9	105.18	154.1	258.7	213.6	203.1	10.41	20.506	
5,400.0	5,385.2	5,386.9	5,372.2	7.5	7.0	105.33	159.9	267.3	220.7	210.1	10.57	20.870	
5,500.0	5,484.7	5,486.7	5,471.4	7.6	7.2	105.47	165.7	276.0	227.8	217.0	10.73	21.219	
5,600.0	5,584.1	5,586.4	5,570.6	7.7	7.3	105.60	171.6	284.6	234.9	224.0	10.90	21.552	
5,700.0	5,683.6	5,686.2	5,669.8	7.8	7.4	105.73	177.4	293.3	242.0	230.9	11.06	21.871	
5,800.0	5,783.0	5,785.9	5,769.0	8.0	7.5	105.85	183.2	301.9	249.1	237.9	11.23	22.175	
5,900.0	5,882.5	5,885.6	5,868.2	8.1	7.6	105.96	189.0	310.5	256.2	244.8	11.40	22.465	
6,000.0	5,981.9	5,985.4	5,967.4	8.2	7.7	106.06	194.9	319.2	263.3	251.7	11.58	22.742	
6,100.0	6,081.4	6,085.1	6,066.6	8.3	7.8	106.16	200.7	327.8	270.4	258.7	11.75	23.006	
6,190.1	6,171.0	6,175.1	6,156.0	8.4	7.9	106.25	205.9	335.6	276.8	264.9	11.91	23.234	
6,200.0	6,180.8	6,184.9	6,165.8	8.4	7.9	106.26	206.5	336.5	277.5	265.6	11.93	23.258	
6,300.0	6,280.4	6,284.6	6,265.0	8.6	8.1	106.21	212.3	345.1	284.3	272.2	12.10	23.497	
6,400.0	6,380.1	6,384.4	6,364.2	8.7	8.2	105.84	218.2	353.8	290.7	278.4	12.25	23.723	
6,500.0	6,479.9	6,484.2	6,463.4	8.8	8.3	105.15	224.0	362.4	296.6	284.2	12.38	23.952	
6,600.0	6,579.8	6,583.9	6,562.6	8.9	8.4	104.17	229.8	371.1	302.1	289.6	12.49	24.182	
6,700.0	6,679.8	6,683.5	6,661.7	9.0	8.5	102.91	235.6	379.7	307.3	294.7	12.60	24.398	
6,790.1	6,769.9	6,773.2	6,750.9	9.1	8.6	117.69	240.9	387.5	311.9	299.2	12.69	24.572	
6,800.0	6,779.8	6,783.0	6,760.6	9.2	8.6	117.52	241.4	388.3	312.4	299.7	12.70	24.590	
6,900.0	6,879.8	6,882.4	6,859.5	9.3	8.8	115.87	247.2	397.0	317.5	304.7	12.82	24.767	
7,000.0	6,979.8	6,981.9	6,958.4	9.4	8.9	114.28	253.0	405.6	322.9	310.0	12.95	24.942	
7,100.0	7,079.8	7,081.4	7,057.4	9.5	9.0	112.73	258.8	414.2	328.6	315.5	13.08	25.114	
7,200.0	7,179.8	7,180.8	7,156.3	9.6	9.1	111.24	264.7	422.8	334.4	321.2	13.23	25.283	
7,300.0	7,279.8	7,280.3	7,255.2	9.8	9.2	109.80	270.5	431.5	340.5	327.2	13.38	25.448	
7,400.0	7,379.8	7,379.7	7,354.1	9.9	9.3	108.41	276.3	440.1	346.8	333.3	13.54	25.610	
7,500.0	7,479.8	7,479.2	7,453.0	10.0	9.5	107.08	282.1	448.7	353.3	339.6	13.71	25.769	
7,600.0	7,579.8	7,578.6	7,551.9	10.1	9.6	105.79	287.9	457.3	360.0	346.1	13.89	25.924	
7,700.0	7,679.8	7,678.1	7,650.8	10.3	9.7	104.54	293.7	466.0	366.9	352.8	14.07	26.076	
7,800.0	7,779.8	7,777.5	7,749.7	10.4	9.8	103.35	299.5	474.6	373.9	359.7	14.26	26.225	
7,900.0	7,879.8	7,877.0	7,848.6	10.5	9.9	102.20	305.3	483.2	381.1	366.6	14.45	26.372	
8,000.0	7,979.8	7,976.4	7,947.5	10.6	10.1	101.09	311.1	491.8	388.4	373.8	14.65	26.516	
8,100.0	8,079.8	8,075.9	8,046.4	10.8	10.2	100.02	316.9	500.4	395.9	381.1	14.85	26.657	
8,200.0	8,179.8	8,175.3	8,145.3	10.9	10.3	98.99	322.7	509.1	403.5	388.5	15.06	26.797	
8,300.0	8,279.8	8,274.8	8,244.2	11.0	10.4	98.00	328.5	517.7	411.2	396.0	15.27	26.935	
8,400.0	8,379.8	8,374.2	8,343.1	11.1	10.6	97.05	334.3	526.3	419.1	403.6	15.48	27.071	
8,500.0	8,479.8	8,473.7	8,442.1	11.3	10.7	96.13	340.1	534.9	427.1	411.4	15.70	27.205	
8,600.0	8,579.8	8,573.1	8,541.0	11.4	10.8	95.25	345.9	543.6	435.1	419.2	15.92	27.338	
8,700.0	8,679.8	8,672.6	8,639.9	11.5	10.9	94.39	351.8	552.2	443.3	427.2	16.14	27.469	
8,800.0	8,779.8	8,772.0	8,738.8	11.6	11.0	93.57	357.6	560.8	451.6	435.2	16.36	27.599	
8,900.0	8,879.8	8,871.5	8,837.7	11.8	11.2	92.78	363.4	569.4	459.9	443.3	16.59	27.728	
9,000.0	8,979.8	8,970.9	8,936.6	11.9	11.3	92.02	369.2	578.0	468.3	451.5	16.81	27.855	
9,100.0	9,079.8	9,075.5	9,040.7	12.0	11.4	91.28	375.0	586.7	476.5	459.4	17.02	27.988	
9,200.0	9,179.8	9,182.6	9,147.3	12.1	11.6	90.68	379.9	594.0	483.2	466.0	17.23	28.051	
9,300.0	9,279.8	9,289.9	9,254.4	12.3	11.7	90.22	383.7	599.6	488.4	471.0	17.42	28.038	
9,400.0	9,379.8	9,397.4	9,361.8	12.4	11.8	89.91	386.4	603.6	492.2	474.5	17.61	27.946	
9,500.0	9,479.8	9,505.1	9,469.5	12.5	11.9	89.73	388.0	605.9	494.3	476.5	17.80	27.768	
9,600.0	9,579.8	9,611.9	9,576.3	12.7	12.1	89.68	388.4	606.6	494.9	477.0	17.96	27.558	
9,700.0	9,679.8	9,711.9	9,676.3	12.8	12.2	89.68	388.4	606.6	494.9	476.9	18.07	27.397	
9,800.0	9,779.8	9,811.9	9,776.3	12.9	12.3	89.68	388.4	606.6	494.9	476.8	18.17	27.237	
9,900.0	9,879.8	9,911.9	9,876.3	13.0	12.4	89.68	388.4	606.6	494.9	476.6	18.28	27.078	

CC - Min centre to center distance or covergent 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 #501H
Project:	BULLDOG PROSPECT (NM-E)	**TVD Reference:**	KB=30' @ 3311.0usft (SCAN QUEST)
Reference Site:	GREEN BERET FEDERAL PROJECT (BULLDOG 2535)	**MD Reference:**	KB=30' @ 3311.0usft (SCAN QUEST)
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	GREEN BERET FED COM #501H	**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 — **Rule Assigned:** — **Offset Well Error:** 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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
10,000.0	9,979.8	10,011.9	9,976.3	13.2	12.5	89.68	388.4	606.6	494.9	476.5	18.38	26.921	
10,100.0	10,079.8	10,111.9	10,076.3	13.3	12.6	89.68	388.4	606.6	494.9	476.4	18.49	26.764	
10,200.0	10,179.8	10,211.9	10,176.3	13.4	12.7	89.68	388.4	606.6	494.9	476.3	18.60	26.609	
10,300.0	10,279.8	10,311.9	10,276.3	13.5	12.8	89.68	388.4	606.6	494.9	476.2	18.71	26.455	
10,400.0	10,379.8	10,411.9	10,376.3	13.7	12.9	89.68	388.4	606.6	494.9	476.1	18.82	26.303	
10,500.0	10,479.8	10,511.9	10,476.3	13.8	13.0	89.68	388.4	606.6	494.9	476.0	18.93	26.151	
10,600.0	10,579.8	10,611.9	10,576.3	13.9	13.2	89.68	388.4	606.6	494.9	475.9	19.03	26.001	
10,700.0	10,679.8	10,711.9	10,676.3	14.1	13.3	89.68	388.4	606.6	494.9	475.8	19.14	25.852	
10,800.0	10,779.8	10,811.9	10,776.3	14.2	13.4	89.68	388.4	606.6	494.9	475.7	19.25	25.704	
10,900.0	10,879.8	10,911.9	10,876.3	14.3	13.5	89.68	388.4	606.6	494.9	475.6	19.36	25.558	
11,000.0	10,979.8	11,011.9	10,976.3	14.4	13.6	89.68	388.4	606.6	494.9	475.4	19.48	25.412	
11,100.0	11,079.8	11,111.9	11,076.3	14.6	13.7	89.68	388.4	606.6	494.9	475.3	19.59	25.268	
11,200.0	11,179.8	11,211.9	11,176.3	14.7	13.8	89.68	388.4	606.6	494.9	475.2	19.70	25.125	
11,300.0	11,279.8	11,311.9	11,276.3	14.8	13.9	89.68	388.4	606.6	494.9	475.1	19.81	24.983	
11,400.0	11,379.8	11,411.9	11,376.3	15.0	14.1	89.68	388.4	606.6	494.9	475.0	19.92	24.843	
11,500.0	11,479.8	11,511.9	11,476.3	15.1	14.2	89.68	388.4	606.6	494.9	474.9	20.03	24.703	
11,600.0	11,579.8	11,611.9	11,576.3	15.2	14.3	89.68	388.4	606.6	494.9	474.8	20.15	24.565	
11,700.0	11,679.8	11,711.9	11,676.3	15.3	14.4	89.68	388.4	606.6	494.9	474.7	20.26	24.428	
11,800.0	11,779.8	11,811.9	11,776.3	15.5	14.5	89.68	388.4	606.6	494.9	474.5	20.37	24.292	
11,900.0	11,879.8	11,911.9	11,876.3	15.6	14.6	89.68	388.4	606.6	494.9	474.4	20.48	24.160	
11,900.8	11,880.6	11,912.7	11,877.1	15.6	14.6	89.68	388.4	606.6	494.9	474.4	20.49	24.159	
12,000.0	11,979.8	12,010.6	11,974.6	15.7	14.6	90.56	380.8	606.7	495.0	474.5	20.47	24.179	
12,100.0	12,079.8	12,102.6	12,062.9	15.9	14.7	93.44	355.8	606.9	496.3	475.9	20.36	24.378	
12,129.7	12,109.5	12,127.7	12,086.1	15.9	14.7	94.56	346.1	607.0	497.3	476.9	20.37	24.414	
12,150.0	12,129.8	12,144.4	12,101.2	15.9	14.7	-84.02	338.9	607.1	498.2	477.8	20.39	24.434	
12,175.0	12,154.7	12,164.7	12,119.1	15.9	14.7	-82.95	329.6	607.1	499.4	478.9	20.45	24.422	
12,200.0	12,179.5	12,184.7	12,136.5	15.9	14.7	-81.89	319.6	607.2	500.8	480.2	20.55	24.367	
12,225.0	12,204.2	12,204.4	12,153.2	15.9	14.7	-80.85	309.0	607.3	502.3	481.6	20.70	24.268	
12,250.0	12,228.5	12,225.0	12,170.1	15.9	14.7	-79.80	297.3	607.4	504.0	483.1	20.87	24.153	
12,275.0	12,252.6	12,243.2	12,184.6	15.9	14.7	-78.86	286.3	607.5	505.8	484.7	21.13	23.937	
12,300.0	12,276.2	12,262.3	12,199.4	15.9	14.8	-77.90	274.2	607.6	507.6	486.2	21.41	23.711	
12,325.0	12,299.4	12,281.2	12,213.5	15.9	14.8	-76.97	261.6	607.8	509.6	487.9	21.73	23.450	
12,350.0	12,322.1	12,300.0	12,227.0	15.9	14.8	-76.07	248.6	607.9	511.6	489.5	22.09	23.162	
12,375.0	12,344.1	12,318.5	12,239.9	15.9	14.8	-75.20	235.3	608.0	513.6	491.1	22.48	22.847	
12,400.0	12,365.6	12,337.0	12,252.1	16.0	14.8	-74.37	221.5	608.1	515.7	492.8	22.90	22.517	
12,425.0	12,386.3	12,355.2	12,263.8	16.0	14.8	-73.58	207.4	608.3	517.7	494.4	23.34	22.177	
12,450.0	12,406.3	12,375.0	12,275.7	16.0	14.9	-72.78	191.7	608.4	519.7	496.0	23.76	21.878	
12,475.0	12,425.5	12,391.4	12,285.1	16.0	14.9	-72.10	178.2	608.5	521.7	497.5	24.29	21.483	
12,500.0	12,443.8	12,409.4	12,294.9	16.0	14.9	-71.42	163.2	608.7	523.7	498.9	24.77	21.140	
12,525.0	12,461.2	12,425.0	12,302.9	16.1	14.9	-70.83	149.8	608.8	525.6	500.3	25.33	20.750	
12,550.0	12,477.6	12,444.9	12,312.5	16.1	14.9	-70.18	132.3	609.0	527.4	501.7	25.75	20.479	
12,575.0	12,493.0	12,462.6	12,320.4	16.1	14.9	-69.63	116.5	609.1	529.2	502.9	26.24	20.166	
12,600.0	12,507.3	12,480.2	12,327.7	16.1	15.0	-69.11	100.5	609.2	530.8	504.1	26.72	19.867	
12,625.0	12,520.6	12,500.0	12,335.2	16.1	15.0	-68.60	82.2	609.4	532.4	505.2	27.12	19.628	
12,650.0	12,532.8	12,515.2	12,340.4	16.2	15.0	-68.21	67.9	609.5	533.8	506.2	27.63	19.317	
12,675.0	12,543.7	12,532.6	12,345.8	16.2	15.0	-67.83	51.4	609.7	535.1	507.0	28.06	19.067	
12,700.0	12,553.5	12,550.0	12,350.7	16.2	15.0	-67.49	34.6	609.9	536.3	507.8	28.47	18.836	
12,725.0	12,562.1	12,567.2	12,354.8	16.2	15.0	-67.20	17.9	610.0	537.3	508.4	28.86	18.619	
12,750.0	12,569.5	12,584.5	12,358.4	16.2	15.1	-66.95	1.0	610.2	538.2	508.9	29.21	18.422	
12,775.0	12,575.5	12,600.0	12,361.1	16.2	15.1	-66.75	-14.2	610.3	538.9	509.3	29.57	18.223	
12,800.0	12,580.3	12,619.0	12,363.7	16.3	15.1	-66.58	-33.1	610.5	539.5	509.6	29.84	18.078	

CC - Min centre to center distance or covergent 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 #501H
Project:	BULLDOG PROSPECT (NM-E)	**TVD Reference:**	KB=30' @ 3311.0usft (SCAN QUEST)
Reference Site:	GREEN BERET FEDERAL PROJECT (BULLDOG 2535)	**MD Reference:**	KB=30' @ 3311.0usft (SCAN QUEST)
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	GREEN BERET FED COM #501H	**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 — **Rule Assigned:** — **Offset Well Error:** 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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
12,825.0	12,583.8	12,636.2	12,365.4	16.3	15.1	-66.47	-50.2	610.6	539.9	509.8	30.11	17.931	
12,850.0	12,586.0	12,650.0	12,366.3	16.3	15.1	-66.40	-63.9	610.8	540.1	509.8	30.38	17.778	
12,877.1	12,587.0	12,672.5	12,367.0	16.3	15.1	-66.37	-86.4	611.0	540.2	509.7	30.56	17.679	
12,877.7	12,587.0	12,672.5	12,367.0	16.3	15.1	-66.37	-86.4	611.0	540.2	509.6	30.56	17.675	
12,900.0	12,587.1	12,694.8	12,367.1	16.3	15.2	-66.37	-108.8	611.2	540.2	509.5	30.67	17.615	
13,000.0	12,587.6	12,794.8	12,367.6	16.3	15.2	-66.37	-208.7	612.1	540.2	509.0	31.19	17.318	
13,100.0	12,588.2	12,894.8	12,368.2	16.3	15.4	-66.37	-308.7	613.0	540.2	508.4	31.80	16.987	
13,200.0	12,588.7	12,994.8	12,368.7	16.4	15.5	-66.37	-408.7	613.9	540.2	507.7	32.49	16.629	
13,300.0	12,589.3	13,094.8	12,369.3	16.4	15.7	-66.37	-508.7	614.9	540.2	507.0	33.24	16.250	
13,400.0	12,589.8	13,194.8	12,369.8	16.5	15.9	-66.37	-608.7	615.8	540.2	506.1	34.07	15.856	
13,500.0	12,590.4	13,294.8	12,370.4	16.5	16.2	-66.37	-708.7	616.7	540.2	505.3	34.96	15.453	
13,600.0	12,590.9	13,394.8	12,370.9	16.6	16.6	-66.37	-808.7	617.6	540.2	504.3	35.91	15.045	
13,700.0	12,591.5	13,494.8	12,371.5	16.6	17.0	-66.37	-908.7	618.6	540.2	503.3	36.91	14.637	
13,800.0	12,592.0	13,594.8	12,372.0	16.7	17.4	-66.37	-1,008.7	619.5	540.2	502.3	37.96	14.232	
13,900.0	12,592.6	13,694.8	12,372.6	16.9	18.0	-66.37	-1,108.7	620.4	540.2	501.2	39.05	13.833	
14,000.0	12,593.1	13,794.8	12,373.1	17.3	18.5	-66.37	-1,208.7	621.3	540.2	500.0	40.19	13.441	
14,100.0	12,593.6	13,894.8	12,373.6	17.8	19.1	-66.37	-1,308.7	622.2	540.2	498.9	41.37	13.059	
14,200.0	12,594.2	13,994.8	12,374.2	18.5	19.8	-66.37	-1,408.7	623.2	540.2	497.6	42.58	12.687	
14,300.0	12,594.7	14,094.8	12,374.7	19.2	20.4	-66.37	-1,508.7	624.1	540.2	496.4	43.82	12.327	
14,400.0	12,595.3	14,194.8	12,375.3	19.9	21.1	-66.37	-1,608.7	625.0	540.2	495.1	45.10	11.979	
14,500.0	12,595.8	14,294.8	12,375.8	20.7	21.8	-66.37	-1,708.7	625.9	540.2	493.8	46.40	11.643	
14,600.0	12,596.4	14,394.8	12,376.4	21.4	22.5	-66.37	-1,808.7	626.8	540.2	492.5	47.72	11.320	
14,700.0	12,596.9	14,494.8	12,376.9	22.2	23.2	-66.37	-1,908.6	627.8	540.2	491.2	49.07	11.009	
14,800.0	12,597.5	14,594.8	12,377.5	23.0	23.9	-66.37	-2,008.6	628.7	540.2	489.8	50.44	10.710	
14,900.0	12,598.0	14,694.8	12,378.0	23.8	24.7	-66.37	-2,108.6	629.6	540.2	488.4	51.83	10.423	
15,000.0	12,598.6	14,794.8	12,378.6	24.6	25.4	-66.37	-2,208.6	630.5	540.2	487.0	53.24	10.147	
15,100.0	12,599.1	14,894.8	12,379.1	25.3	26.2	-66.37	-2,308.6	631.5	540.2	485.6	54.66	9.883	
15,200.0	12,599.7	14,994.8	12,379.7	26.1	27.0	-66.37	-2,408.6	632.4	540.2	484.1	56.10	9.630	
15,300.0	12,600.2	15,094.8	12,380.2	26.9	27.7	-66.37	-2,508.6	633.3	540.2	482.7	57.55	9.386	
15,400.0	12,600.8	15,194.8	12,380.8	27.8	28.5	-66.37	-2,608.6	634.2	540.2	481.2	59.02	9.153	
15,500.0	12,601.3	15,294.8	12,381.3	28.6	29.3	-66.37	-2,708.6	635.1	540.2	479.7	60.50	8.930	
15,600.0	12,601.9	15,394.8	12,381.9	29.4	30.1	-66.37	-2,808.6	636.1	540.2	478.2	61.99	8.715	
15,700.0	12,602.4	15,494.8	12,382.4	30.2	30.9	-66.37	-2,908.6	637.0	540.2	476.8	63.49	8.509	
15,800.0	12,603.0	15,594.8	12,383.0	31.0	31.7	-66.37	-3,008.6	637.9	540.2	475.2	65.00	8.312	
15,900.0	12,603.5	15,694.8	12,383.5	31.8	32.5	-66.37	-3,108.6	638.8	540.2	473.7	66.52	8.122	
16,000.0	12,604.0	15,794.8	12,384.0	32.6	33.3	-66.37	-3,208.6	639.7	540.2	472.2	68.04	7.940	
16,100.0	12,604.6	15,894.8	12,384.6	33.5	34.1	-66.37	-3,308.6	640.7	540.2	470.7	69.58	7.764	
16,200.0	12,605.1	15,994.8	12,385.1	34.3	34.9	-66.37	-3,408.6	641.6	540.2	469.1	71.12	7.596	
16,300.0	12,605.7	16,094.8	12,385.7	35.1	35.7	-66.37	-3,508.6	642.5	540.2	467.6	72.67	7.434	
16,400.0	12,606.2	16,194.8	12,386.2	36.0	36.5	-66.37	-3,608.6	643.4	540.2	466.0	74.23	7.278	
16,500.0	12,606.8	16,294.8	12,386.8	36.8	37.3	-66.37	-3,708.5	644.4	540.2	464.5	75.79	7.128	
16,600.0	12,607.3	16,394.8	12,387.3	37.6	38.2	-66.37	-3,808.5	645.3	540.2	462.9	77.36	6.984	
16,700.0	12,607.9	16,494.8	12,387.9	38.4	39.0	-66.38	-3,908.5	646.2	540.3	461.3	78.93	6.845	
16,800.0	12,608.4	16,594.8	12,388.4	39.3	39.8	-66.38	-4,008.5	647.1	540.3	459.7	80.51	6.710	
16,900.0	12,609.0	16,694.8	12,389.0	40.1	40.6	-66.38	-4,108.5	648.0	540.3	458.2	82.09	6.581	
17,000.0	12,609.5	16,794.8	12,389.5	41.0	41.5	-66.38	-4,208.5	649.0	540.3	456.6	83.68	6.456	
17,100.0	12,610.1	16,894.8	12,390.1	41.8	42.3	-66.38	-4,308.5	649.9	540.3	455.0	85.27	6.336	
17,200.0	12,610.6	16,994.8	12,390.6	42.6	43.1	-66.38	-4,408.5	650.8	540.3	453.4	86.87	6.219	
17,300.0	12,611.2	17,094.8	12,391.2	43.5	43.9	-66.38	-4,508.5	651.7	540.3	451.8	88.47	6.107	
17,400.0	12,611.7	17,194.8	12,391.7	44.3	44.8	-66.38	-4,608.5	652.7	540.3	450.2	90.07	5.998	
17,500.0	12,612.3	17,294.8	12,392.3	45.2	45.6	-66.38	-4,708.5	653.6	540.3	448.6	91.68	5.893	

CC - Min centre to center distance or covergent 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 #501H
Project:	BULLDOG PROSPECT (NM-E)	**TVD Reference:**	KB=30' @ 3311.0usft (SCAN QUEST)
Reference Site:	GREEN BERET FEDERAL PROJECT (BULLDOG 2535)	**MD Reference:**	KB=30' @ 3311.0usft (SCAN QUEST)
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	GREEN BERET FED COM #501H	**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

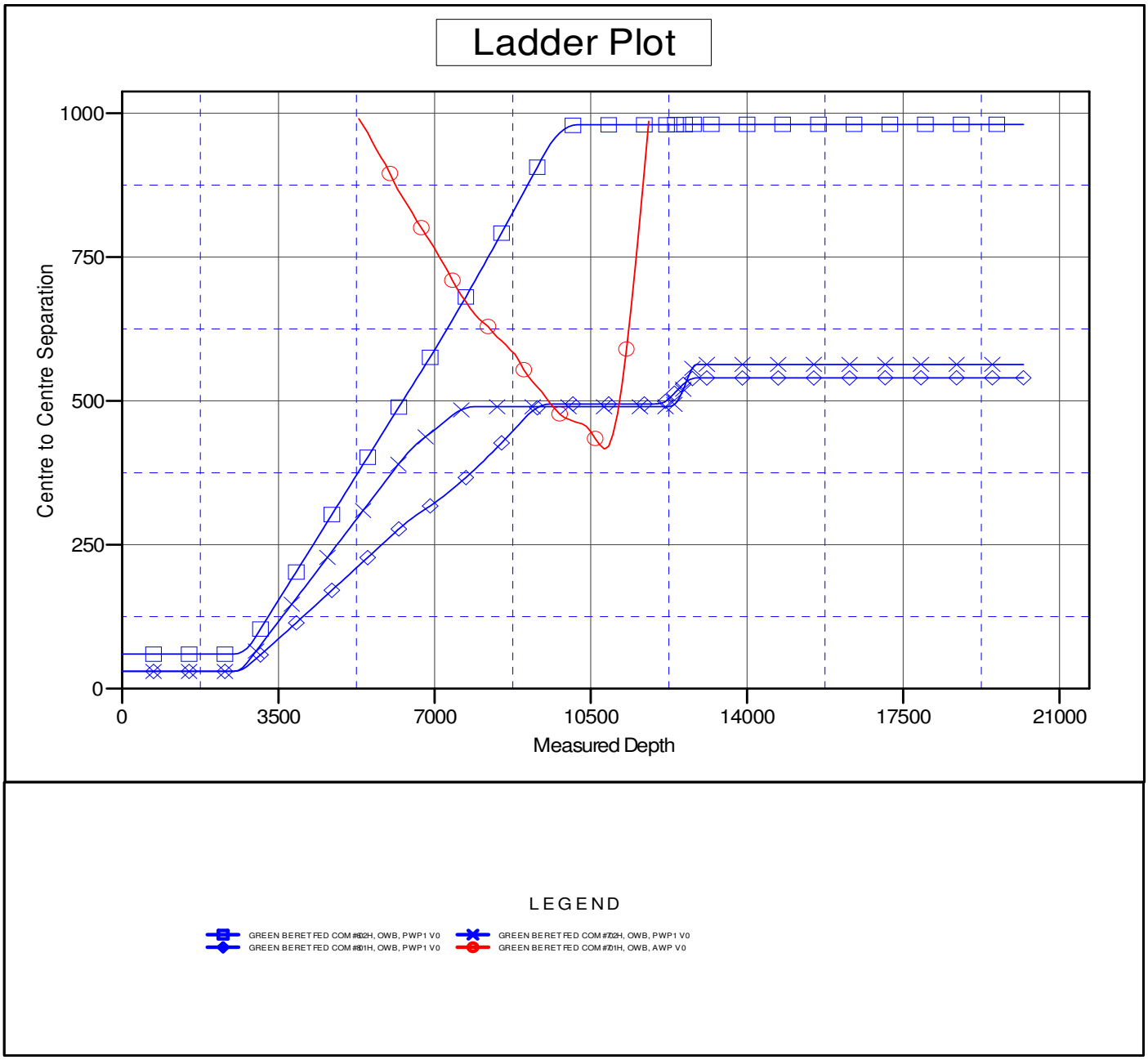
Survey Program: 0-Standard Keeper 104, 11925-MWD+IFR1+FDIR — **Rule Assigned:** — **Offset Well Error:** 3.0 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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
17,600.0	12,612.8	17,394.8	12,392.8	46.0	46.4	-66.38	-4,808.5	654.5	540.3	447.0	93.29	5.791	
17,700.0	12,613.4	17,494.8	12,393.4	46.8	47.3	-66.38	-4,908.5	655.4	540.3	445.4	94.90	5.693	
17,800.0	12,613.9	17,594.8	12,393.9	47.7	48.1	-66.38	-5,008.5	656.3	540.3	443.7	96.52	5.598	
17,900.0	12,614.4	17,694.8	12,394.4	48.5	48.9	-66.38	-5,108.5	657.3	540.3	442.1	98.14	5.505	
18,000.0	12,615.0	17,794.8	12,395.0	49.4	49.8	-66.38	-5,208.5	658.2	540.3	440.5	99.76	5.416	
18,100.0	12,615.5	17,894.8	12,395.5	50.2	50.6	-66.38	-5,308.5	659.1	540.3	438.9	101.38	5.329	
18,200.0	12,616.1	17,994.8	12,396.1	51.1	51.4	-66.38	-5,408.4	660.0	540.3	437.3	103.01	5.245	
18,300.0	12,616.6	18,094.8	12,396.6	51.9	52.3	-66.38	-5,508.4	660.9	540.3	435.6	104.64	5.163	
18,400.0	12,617.2	18,194.8	12,397.2	52.7	53.1	-66.38	-5,608.4	661.9	540.3	434.0	106.27	5.084	
18,500.0	12,617.7	18,294.8	12,397.7	53.6	54.0	-66.38	-5,708.4	662.8	540.3	432.4	107.90	5.007	
18,600.0	12,618.3	18,394.8	12,398.3	54.4	54.8	-66.38	-5,808.4	663.7	540.3	430.7	109.53	4.932	
18,700.0	12,618.8	18,494.8	12,398.8	55.3	55.6	-66.38	-5,908.4	664.6	540.3	429.1	111.17	4.860	
18,800.0	12,619.4	18,594.8	12,399.4	56.1	56.5	-66.38	-6,008.4	665.6	540.3	427.5	112.81	4.789	
18,900.0	12,619.9	18,694.8	12,399.9	57.0	57.3	-66.38	-6,108.4	666.5	540.3	425.8	114.45	4.721	
19,000.0	12,620.5	18,794.8	12,400.5	57.8	58.2	-66.38	-6,208.4	667.4	540.3	424.2	116.09	4.654	
19,100.0	12,621.0	18,894.8	12,401.0	58.7	59.0	-66.38	-6,308.4	668.3	540.3	422.5	117.74	4.589	
19,200.0	12,621.6	18,994.8	12,401.6	59.5	59.9	-66.38	-6,408.4	669.2	540.3	420.9	119.38	4.526	
19,300.0	12,622.1	19,094.8	12,402.1	60.4	60.7	-66.38	-6,508.4	670.2	540.3	419.3	121.03	4.464	
19,400.0	12,622.7	19,194.8	12,402.7	61.2	61.6	-66.38	-6,608.4	671.1	540.3	417.6	122.68	4.404	
19,500.0	12,623.2	19,294.8	12,403.2	62.1	62.4	-66.38	-6,708.4	672.0	540.3	416.0	124.32	4.346	
19,600.0	12,623.7	19,394.8	12,403.8	62.9	63.2	-66.38	-6,808.4	672.9	540.3	414.3	125.98	4.289	
19,700.0	12,624.3	19,494.8	12,404.3	63.8	64.1	-66.38	-6,908.4	673.9	540.3	412.7	127.63	4.233	
19,800.0	12,624.8	19,594.8	12,404.8	64.6	64.9	-66.38	-7,008.4	674.8	540.3	411.0	129.28	4.179	
19,900.0	12,625.4	19,694.8	12,405.4	65.5	65.8	-66.38	-7,108.3	675.7	540.3	409.3	130.93	4.126	
20,000.0	12,625.9	19,794.8	12,405.9	66.3	66.6	-66.38	-7,208.3	676.6	540.3	407.7	132.59	4.075	
20,100.0	12,626.5	19,894.8	12,406.5	67.2	67.5	-66.38	-7,308.3	677.5	540.3	406.0	134.25	4.025	
20,108.1	12,626.5	19,903.0	12,406.5	67.3	67.5	-66.38	-7,316.5	677.6	540.3	405.9	134.38	4.021	
20,193.9	12,627.0	19,988.6	12,407.0	68.0	68.3	-66.38	-7,402.1	678.4	540.3	404.5	135.80	3.978 SF	

ConocoPhillips
Anticollision Report

Company:	DELAWARE BASIN EAST	**Local Co-ordinate Reference:**	Well GREEN BERET FED COM #501H
Project:	BULLDOG PROSPECT (NM-E)	**TVD Reference:**	KB=30' @ 3311.0usft (SCAN QUEST)
Reference Site:	GREEN BERET FEDERAL PROJECT (BULLDOG 2535)	**MD Reference:**	KB=30' @ 3311.0usft (SCAN QUEST)
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	GREEN BERET FED COM #501H	**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' @ 3311.0usft (SCAN QUEST)
Offset Depths are relative to Offset Datum
Central Meridian is 104° 20' 0.000 W
Coordinates are relative to: GREEN BERET FED COM #501H
Coordinate System is US State Plane 1927 (Exact solution), New Mexico East 30
Grid Convergence at Surface is: 0.50°

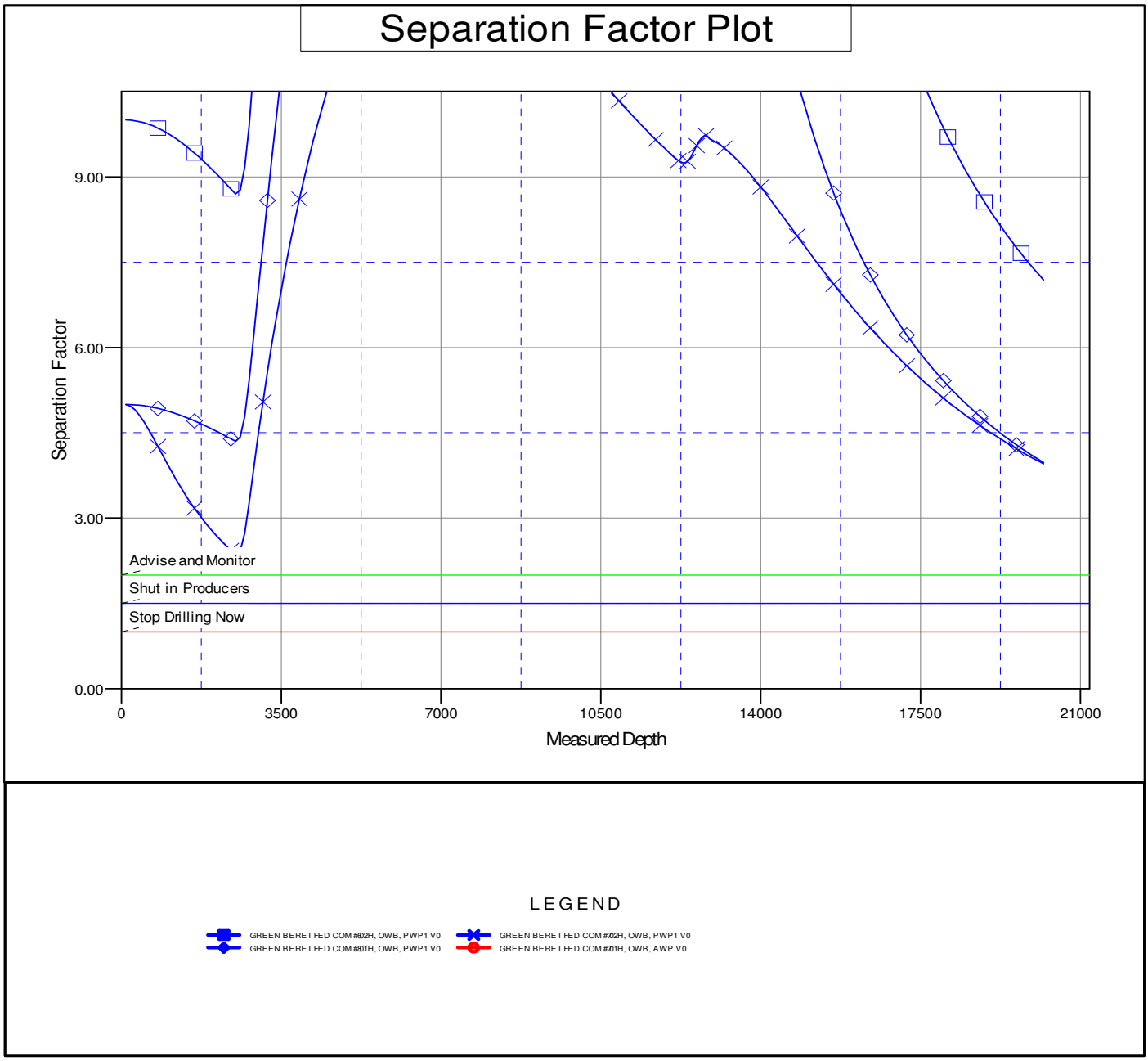


CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

ConocoPhillips
Anticollision Report

Company:	DELAWARE BASIN EAST	**Local Co-ordinate Reference:**	Well GREEN BERET FED COM #501H
Project:	BULLDOG PROSPECT (NM-E)	**TVD Reference:**	KB=30' @ 3311.0usft (SCAN QUEST)
Reference Site:	GREEN BERET FEDERAL PROJECT (BULLDOG 2535)	**MD Reference:**	KB=30' @ 3311.0usft (SCAN QUEST)
Site Error:	3.0 usft	**North Reference:**	Grid
Reference Well:	GREEN BERET FED COM #501H	**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' @ 3311.0usft (SCAN QUEST) Coordinates are relative to: GREEN BERET FED COM #501H
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 covergent point, SF - min separation factor, ES - min ellipse separation

DELAWARE BASIN EAST

BULLDOG PROSPECT (NM-E)
GREEN BERET FEDERAL PROJECT (BULLDOG 2535)
GREEN BERET FED COM #501H

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 #501H
Project:	BULLDOG PROSPECT (NM-E)	**TVD Reference:**	KB=30' @ 3311.0usft (SCAN QUEST)
Site:	GREEN BERET FEDERAL PROJECT (BULLDOG 2535)	**MD Reference:**	KB=30' @ 3311.0usft (SCAN QUEST)
Well:	GREEN BERET FED COM #501H	**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 #501H				
Well Position	**+N/-S**	0.0 usft	**Northing:**	409,293.80 usft	**Latitude:**	32° 7' 18.231 N
	+E/-W	0.0 usft	**Easting:**	792,876.20 usft	**Longitude:**	103° 23' 14.359 W
Position Uncertainty		3.0 usft	**Wellhead Elevation:**	usft	**Ground Level:**	3,281.5 usft

Wellbore OWB

Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	BGGM2021	10/25/2021	6.32	59.73	47,555.93381321

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	178.58

Survey Tool Program **Date** 10/25/2021

From (usft)	**To (usft)**	**Survey (Wellbore)**	**Tool Name**	**Description**
0.0	12,129.0	PWP1 (OWB)	Standard Keeper 104	Standard Wireline Keeper ver 1.0.4
12,129.0	20,193.9	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

ConocoPhillips

Survey Report

Company:	DELAWARE BASIN EAST	**Local Co-ordinate Reference:**	Well GREEN BERET FED COM #501H
Project:	BULLDOG PROSPECT (NM-E)	**TVD Reference:**	KB=30' @ 3311.0usft (SCAN QUEST)
Site:	GREEN BERET FEDERAL PROJECT (BULLDOG 2535)	**MD Reference:**	KB=30' @ 3311.0usft (SCAN QUEST)
Well:	GREEN BERET FED COM #501H	**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)
1,400.0	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
Start Build 2.00									
2,600.0	2.00	16.15	2,600.0	1.7	0.5	-1.7	2.00	2.00	0.00
2,700.0	4.00	16.15	2,699.8	6.7	1.9	-6.7	2.00	2.00	0.00
2,800.0	6.00	16.15	2,799.5	15.1	4.4	-15.0	2.00	2.00	0.00
Start 3390.1 hold at 2800.0 MD									
2,900.0	6.00	16.15	2,898.9	25.1	7.3	-24.9	0.00	0.00	0.00
3,000.0	6.00	16.15	2,998.4	35.2	10.2	-34.9	0.00	0.00	0.00
3,100.0	6.00	16.15	3,097.8	45.2	13.1	-44.9	0.00	0.00	0.00
3,200.0	6.00	16.15	3,197.3	55.2	16.0	-54.8	0.00	0.00	0.00
3,300.0	6.00	16.15	3,296.7	65.3	18.9	-64.8	0.00	0.00	0.00
3,400.0	6.00	16.15	3,396.2	75.3	21.8	-74.8	0.00	0.00	0.00
3,500.0	6.00	16.15	3,495.6	85.4	24.7	-84.7	0.00	0.00	0.00
3,600.0	6.00	16.15	3,595.1	95.4	27.6	-94.7	0.00	0.00	0.00
3,700.0	6.00	16.15	3,694.5	105.4	30.5	-104.6	0.00	0.00	0.00
3,800.0	6.00	16.15	3,794.0	115.5	33.4	-114.6	0.00	0.00	0.00
3,900.0	6.00	16.15	3,893.4	125.5	36.4	-124.6	0.00	0.00	0.00
4,000.0	6.00	16.15	3,992.9	135.6	39.3	-134.5	0.00	0.00	0.00
4,100.0	6.00	16.15	4,092.3	145.6	42.2	-144.5	0.00	0.00	0.00
4,200.0	6.00	16.15	4,191.8	155.6	45.1	-154.5	0.00	0.00	0.00
4,300.0	6.00	16.15	4,291.2	165.7	48.0	-164.4	0.00	0.00	0.00
4,400.0	6.00	16.15	4,390.7	175.7	50.9	-174.4	0.00	0.00	0.00
4,500.0	6.00	16.15	4,490.1	185.8	53.8	-184.4	0.00	0.00	0.00
4,600.0	6.00	16.15	4,589.6	195.8	56.7	-194.3	0.00	0.00	0.00
4,700.0	6.00	16.15	4,689.0	205.8	59.6	-204.3	0.00	0.00	0.00
4,800.0	6.00	16.15	4,788.5	215.9	62.5	-214.3	0.00	0.00	0.00
4,900.0	6.00	16.15	4,887.9	225.9	65.4	-224.2	0.00	0.00	0.00
5,000.0	6.00	16.15	4,987.4	236.0	68.3	-234.2	0.00	0.00	0.00
5,100.0	6.00	16.15	5,086.9	246.0	71.2	-244.2	0.00	0.00	0.00
5,200.0	6.00	16.15	5,186.3	256.0	74.2	-254.1	0.00	0.00	0.00
5,300.0	6.00	16.15	5,285.8	266.1	77.1	-264.1	0.00	0.00	0.00
5,400.0	6.00	16.15	5,385.2	276.1	80.0	-274.1	0.00	0.00	0.00

ConocoPhillips

Survey Report

Company:	DELAWARE BASIN EAST	**Local Co-ordinate Reference:**	Well GREEN BERET FED COM #501H
Project:	BULLDOG PROSPECT (NM-E)	**TVD Reference:**	KB=30' @ 3311.0usft (SCAN QUEST)
Site:	GREEN BERET FEDERAL PROJECT (BULLDOG 2535)	**MD Reference:**	KB=30' @ 3311.0usft (SCAN QUEST)
Well:	GREEN BERET FED COM #501H	**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	16.15	5,484.7	286.2	82.9	-284.0	0.00	0.00	0.00
5,600.0	6.00	16.15	5,584.1	296.2	85.8	-294.0	0.00	0.00	0.00
5,700.0	6.00	16.15	5,683.6	306.2	88.7	-304.0	0.00	0.00	0.00
5,800.0	6.00	16.15	5,783.0	316.3	91.6	-313.9	0.00	0.00	0.00
5,900.0	6.00	16.15	5,882.5	326.3	94.5	-323.9	0.00	0.00	0.00
6,000.0	6.00	16.15	5,981.9	336.4	97.4	-333.8	0.00	0.00	0.00
6,100.0	6.00	16.15	6,081.4	346.4	100.3	-343.8	0.00	0.00	0.00
6,190.1	6.00	16.15	6,171.0	355.5	102.9	-352.8	0.00	0.00	0.00
Start Drop -1.00									
6,200.0	5.90	16.15	6,180.8	356.4	103.2	-353.8	1.00	-1.00	0.00
6,300.0	4.90	16.15	6,280.4	365.5	105.9	-362.7	1.00	-1.00	0.00
6,400.0	3.90	16.15	6,380.1	372.8	108.0	-370.1	1.00	-1.00	0.00
6,500.0	2.90	16.15	6,479.9	378.5	109.6	-375.7	1.00	-1.00	0.00
6,600.0	1.90	16.15	6,579.8	382.6	110.8	-379.7	1.00	-1.00	0.00
6,700.0	0.90	16.15	6,679.8	384.9	111.5	-382.0	1.00	-1.00	0.00
6,790.1	0.00	0.00	6,769.9	385.6	111.7	-382.7	1.00	-1.00	-17.92
Start 5339.6 hold at 6790.1 MD									
6,800.0	0.00	0.00	6,779.8	385.6	111.7	-382.7	0.00	0.00	0.00
6,900.0	0.00	0.00	6,879.8	385.6	111.7	-382.7	0.00	0.00	0.00
7,000.0	0.00	0.00	6,979.8	385.6	111.7	-382.7	0.00	0.00	0.00
7,100.0	0.00	0.00	7,079.8	385.6	111.7	-382.7	0.00	0.00	0.00
7,200.0	0.00	0.00	7,179.8	385.6	111.7	-382.7	0.00	0.00	0.00
7,300.0	0.00	0.00	7,279.8	385.6	111.7	-382.7	0.00	0.00	0.00
7,400.0	0.00	0.00	7,379.8	385.6	111.7	-382.7	0.00	0.00	0.00
7,500.0	0.00	0.00	7,479.8	385.6	111.7	-382.7	0.00	0.00	0.00
7,600.0	0.00	0.00	7,579.8	385.6	111.7	-382.7	0.00	0.00	0.00
7,700.0	0.00	0.00	7,679.8	385.6	111.7	-382.7	0.00	0.00	0.00
7,800.0	0.00	0.00	7,779.8	385.6	111.7	-382.7	0.00	0.00	0.00
7,900.0	0.00	0.00	7,879.8	385.6	111.7	-382.7	0.00	0.00	0.00
8,000.0	0.00	0.00	7,979.8	385.6	111.7	-382.7	0.00	0.00	0.00
8,100.0	0.00	0.00	8,079.8	385.6	111.7	-382.7	0.00	0.00	0.00
8,200.0	0.00	0.00	8,179.8	385.6	111.7	-382.7	0.00	0.00	0.00
8,300.0	0.00	0.00	8,279.8	385.6	111.7	-382.7	0.00	0.00	0.00
8,400.0	0.00	0.00	8,379.8	385.6	111.7	-382.7	0.00	0.00	0.00
8,500.0	0.00	0.00	8,479.8	385.6	111.7	-382.7	0.00	0.00	0.00
8,600.0	0.00	0.00	8,579.8	385.6	111.7	-382.7	0.00	0.00	0.00
8,700.0	0.00	0.00	8,679.8	385.6	111.7	-382.7	0.00	0.00	0.00
8,800.0	0.00	0.00	8,779.8	385.6	111.7	-382.7	0.00	0.00	0.00
8,900.0	0.00	0.00	8,879.8	385.6	111.7	-382.7	0.00	0.00	0.00
9,000.0	0.00	0.00	8,979.8	385.6	111.7	-382.7	0.00	0.00	0.00
9,100.0	0.00	0.00	9,079.8	385.6	111.7	-382.7	0.00	0.00	0.00
9,200.0	0.00	0.00	9,179.8	385.6	111.7	-382.7	0.00	0.00	0.00

ConocoPhillips

Survey Report

Company:	DELAWARE BASIN EAST	**Local Co-ordinate Reference:**	Well GREEN BERET FED COM #501H
Project:	BULLDOG PROSPECT (NM-E)	**TVD Reference:**	KB=30' @ 3311.0usft (SCAN QUEST)
Site:	GREEN BERET FEDERAL PROJECT (BULLDOG 2535)	**MD Reference:**	KB=30' @ 3311.0usft (SCAN QUEST)
Well:	GREEN BERET FED COM #501H	**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)
9,300.0	0.00	0.00	9,279.8	385.6	111.7	-382.7	0.00	0.00	0.00
9,400.0	0.00	0.00	9,379.8	385.6	111.7	-382.7	0.00	0.00	0.00
9,500.0	0.00	0.00	9,479.8	385.6	111.7	-382.7	0.00	0.00	0.00
9,600.0	0.00	0.00	9,579.8	385.6	111.7	-382.7	0.00	0.00	0.00
9,700.0	0.00	0.00	9,679.8	385.6	111.7	-382.7	0.00	0.00	0.00
9,800.0	0.00	0.00	9,779.8	385.6	111.7	-382.7	0.00	0.00	0.00
9,900.0	0.00	0.00	9,879.8	385.6	111.7	-382.7	0.00	0.00	0.00
10,000.0	0.00	0.00	9,979.8	385.6	111.7	-382.7	0.00	0.00	0.00
10,100.0	0.00	0.00	10,079.8	385.6	111.7	-382.7	0.00	0.00	0.00
10,200.0	0.00	0.00	10,179.8	385.6	111.7	-382.7	0.00	0.00	0.00
10,300.0	0.00	0.00	10,279.8	385.6	111.7	-382.7	0.00	0.00	0.00
10,400.0	0.00	0.00	10,379.8	385.6	111.7	-382.7	0.00	0.00	0.00
10,500.0	0.00	0.00	10,479.8	385.6	111.7	-382.7	0.00	0.00	0.00
10,600.0	0.00	0.00	10,579.8	385.6	111.7	-382.7	0.00	0.00	0.00
10,700.0	0.00	0.00	10,679.8	385.6	111.7	-382.7	0.00	0.00	0.00
10,800.0	0.00	0.00	10,779.8	385.6	111.7	-382.7	0.00	0.00	0.00
10,900.0	0.00	0.00	10,879.8	385.6	111.7	-382.7	0.00	0.00	0.00
11,000.0	0.00	0.00	10,979.8	385.6	111.7	-382.7	0.00	0.00	0.00
11,100.0	0.00	0.00	11,079.8	385.6	111.7	-382.7	0.00	0.00	0.00
11,200.0	0.00	0.00	11,179.8	385.6	111.7	-382.7	0.00	0.00	0.00
11,300.0	0.00	0.00	11,279.8	385.6	111.7	-382.7	0.00	0.00	0.00
11,400.0	0.00	0.00	11,379.8	385.6	111.7	-382.7	0.00	0.00	0.00
11,500.0	0.00	0.00	11,479.8	385.6	111.7	-382.7	0.00	0.00	0.00
11,600.0	0.00	0.00	11,579.8	385.6	111.7	-382.7	0.00	0.00	0.00
11,700.0	0.00	0.00	11,679.8	385.6	111.7	-382.7	0.00	0.00	0.00
11,800.0	0.00	0.00	11,779.8	385.6	111.7	-382.7	0.00	0.00	0.00
11,900.0	0.00	0.00	11,879.8	385.6	111.7	-382.7	0.00	0.00	0.00
12,000.0	0.00	0.00	11,979.8	385.6	111.7	-382.7	0.00	0.00	0.00
12,100.0	0.00	0.00	12,079.8	385.6	111.7	-382.7	0.00	0.00	0.00
12,129.7	0.00	0.00	12,109.5	385.6	111.7	-382.7	0.00	0.00	0.00
Start DLS 12.00 TFO 179.47									
12,200.0	8.43	179.47	12,179.5	380.4	111.7	-377.6	12.00	12.00	0.00
12,300.0	20.43	179.47	12,276.2	355.6	112.0	-352.7	12.00	12.00	0.00
12,400.0	32.43	179.47	12,365.6	311.1	112.4	-308.2	12.00	12.00	0.00
12,500.0	44.43	179.47	12,443.8	249.1	112.9	-246.2	12.00	12.00	0.00
12,600.0	56.43	179.47	12,507.3	172.1	113.6	-169.3	12.00	12.00	0.00
12,700.0	68.43	179.47	12,553.5	83.7	114.5	-80.8	12.00	12.00	0.00
12,800.0	80.43	179.47	12,580.3	-12.5	115.3	15.4	12.00	12.00	0.00
12,877.1	89.69	179.47	12,587.0	-89.2	116.1	92.1	12.00	12.00	0.00
Start 7316.8 hold at 12877.1 MD									
12,900.0	89.69	179.47	12,587.1	-112.1	116.3	115.0	0.00	0.00	0.00
13,000.0	89.69	179.47	12,587.6	-212.1	117.2	215.0	0.00	0.00	0.00
13,100.0	89.69	179.47	12,588.2	-312.1	118.1	314.9	0.00	0.00	0.00

ConocoPhillips

Survey Report

Company:	DELAWARE BASIN EAST	**Local Co-ordinate Reference:**	Well GREEN BERET FED COM #501H
Project:	BULLDOG PROSPECT (NM-E)	**TVD Reference:**	KB=30' @ 3311.0usft (SCAN QUEST)
Site:	GREEN BERET FEDERAL PROJECT (BULLDOG 2535)	**MD Reference:**	KB=30' @ 3311.0usft (SCAN QUEST)
Well:	GREEN BERET FED COM #501H	**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)
13,200.0	89.69	179.47	12,588.7	-412.1	119.0	414.9	0.00	0.00	0.00
13,300.0	89.69	179.47	12,589.3	-512.1	119.9	514.9	0.00	0.00	0.00
13,400.0	89.69	179.47	12,589.8	-612.1	120.9	614.9	0.00	0.00	0.00
13,500.0	89.69	179.47	12,590.4	-712.1	121.8	714.9	0.00	0.00	0.00
13,600.0	89.69	179.47	12,590.9	-812.1	122.7	814.9	0.00	0.00	0.00
13,700.0	89.69	179.47	12,591.5	-912.1	123.6	914.9	0.00	0.00	0.00
13,800.0	89.69	179.47	12,592.0	-1,012.1	124.5	1,014.8	0.00	0.00	0.00
13,900.0	89.69	179.47	12,592.6	-1,112.1	125.5	1,114.8	0.00	0.00	0.00
14,000.0	89.69	179.47	12,593.1	-1,212.1	126.4	1,214.8	0.00	0.00	0.00
14,100.0	89.69	179.47	12,593.6	-1,312.1	127.3	1,314.8	0.00	0.00	0.00
14,200.0	89.69	179.47	12,594.2	-1,412.1	128.2	1,414.8	0.00	0.00	0.00
14,300.0	89.69	179.47	12,594.7	-1,512.0	129.1	1,514.8	0.00	0.00	0.00
14,400.0	89.69	179.47	12,595.3	-1,612.0	130.1	1,614.8	0.00	0.00	0.00
14,500.0	89.69	179.47	12,595.8	-1,712.0	131.0	1,714.8	0.00	0.00	0.00
14,600.0	89.69	179.47	12,596.4	-1,812.0	131.9	1,814.7	0.00	0.00	0.00
14,700.0	89.69	179.47	12,596.9	-1,912.0	132.8	1,914.7	0.00	0.00	0.00
14,800.0	89.69	179.47	12,597.5	-2,012.0	133.8	2,014.7	0.00	0.00	0.00
14,900.0	89.69	179.47	12,598.0	-2,112.0	134.7	2,114.7	0.00	0.00	0.00
15,000.0	89.69	179.47	12,598.6	-2,212.0	135.6	2,214.7	0.00	0.00	0.00
15,100.0	89.69	179.47	12,599.1	-2,312.0	136.5	2,314.7	0.00	0.00	0.00
15,200.0	89.69	179.47	12,599.7	-2,412.0	137.4	2,414.7	0.00	0.00	0.00
15,300.0	89.69	179.47	12,600.2	-2,512.0	138.4	2,514.6	0.00	0.00	0.00
15,400.0	89.69	179.47	12,600.8	-2,612.0	139.3	2,614.6	0.00	0.00	0.00
15,500.0	89.69	179.47	12,601.3	-2,712.0	140.2	2,714.6	0.00	0.00	0.00
15,600.0	89.69	179.47	12,601.9	-2,812.0	141.1	2,814.6	0.00	0.00	0.00
15,700.0	89.69	179.47	12,602.4	-2,912.0	142.0	2,914.6	0.00	0.00	0.00
15,800.0	89.69	179.47	12,603.0	-3,012.0	143.0	3,014.6	0.00	0.00	0.00
15,900.0	89.69	179.47	12,603.5	-3,112.0	143.9	3,114.6	0.00	0.00	0.00
16,000.0	89.69	179.47	12,604.0	-3,212.0	144.8	3,214.6	0.00	0.00	0.00
16,100.0	89.69	179.47	12,604.6	-3,311.9	145.7	3,314.5	0.00	0.00	0.00
16,200.0	89.69	179.47	12,605.1	-3,411.9	146.6	3,414.5	0.00	0.00	0.00
16,300.0	89.69	179.47	12,605.7	-3,511.9	147.6	3,514.5	0.00	0.00	0.00
16,400.0	89.69	179.47	12,606.2	-3,611.9	148.5	3,614.5	0.00	0.00	0.00
16,500.0	89.69	179.47	12,606.8	-3,711.9	149.4	3,714.5	0.00	0.00	0.00
16,600.0	89.69	179.47	12,607.3	-3,811.9	150.3	3,814.5	0.00	0.00	0.00
16,700.0	89.69	179.47	12,607.9	-3,911.9	151.2	3,914.5	0.00	0.00	0.00
16,800.0	89.69	179.47	12,608.4	-4,011.9	152.2	4,014.4	0.00	0.00	0.00
16,900.0	89.69	179.47	12,609.0	-4,111.9	153.1	4,114.4	0.00	0.00	0.00
17,000.0	89.69	179.47	12,609.5	-4,211.9	154.0	4,214.4	0.00	0.00	0.00
17,100.0	89.69	179.47	12,610.1	-4,311.9	154.9	4,314.4	0.00	0.00	0.00
17,200.0	89.69	179.47	12,610.6	-4,411.9	155.8	4,414.4	0.00	0.00	0.00
17,300.0	89.69	179.47	12,611.2	-4,511.9	156.8	4,514.4	0.00	0.00	0.00
17,400.0	89.69	179.47	12,611.7	-4,611.9	157.7	4,614.4	0.00	0.00	0.00

ConocoPhillips

Survey Report

Company:	DELAWARE BASIN EAST	**Local Co-ordinate Reference:**	Well GREEN BERET FED COM #501H
Project:	BULLDOG PROSPECT (NM-E)	**TVD Reference:**	KB=30' @ 3311.0usft (SCAN QUEST)
Site:	GREEN BERET FEDERAL PROJECT (BULLDOG 2535)	**MD Reference:**	KB=30' @ 3311.0usft (SCAN QUEST)
Well:	GREEN BERET FED COM #501H	**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)
17,500.0	89.69	179.47	12,612.3	-4,711.9	158.6	4,714.3	0.00	0.00	0.00
17,600.0	89.69	179.47	12,612.8	-4,811.9	159.5	4,814.3	0.00	0.00	0.00
17,700.0	89.69	179.47	12,613.4	-4,911.9	160.4	4,914.3	0.00	0.00	0.00
17,800.0	89.69	179.47	12,613.9	-5,011.8	161.4	5,014.3	0.00	0.00	0.00
17,900.0	89.69	179.47	12,614.4	-5,111.8	162.3	5,114.3	0.00	0.00	0.00
18,000.0	89.69	179.47	12,615.0	-5,211.8	163.2	5,214.3	0.00	0.00	0.00
18,100.0	89.69	179.47	12,615.5	-5,311.8	164.1	5,314.3	0.00	0.00	0.00
18,200.0	89.69	179.47	12,616.1	-5,411.8	165.0	5,414.3	0.00	0.00	0.00
18,300.0	89.69	179.47	12,616.6	-5,511.8	166.0	5,514.2	0.00	0.00	0.00
18,400.0	89.69	179.47	12,617.2	-5,611.8	166.9	5,614.2	0.00	0.00	0.00
18,500.0	89.69	179.47	12,617.7	-5,711.8	167.8	5,714.2	0.00	0.00	0.00
18,600.0	89.69	179.47	12,618.3	-5,811.8	168.7	5,814.2	0.00	0.00	0.00
18,700.0	89.69	179.47	12,618.8	-5,911.8	169.6	5,914.2	0.00	0.00	0.00
18,800.0	89.69	179.47	12,619.4	-6,011.8	170.6	6,014.2	0.00	0.00	0.00
18,900.0	89.69	179.47	12,619.9	-6,111.8	171.5	6,114.2	0.00	0.00	0.00
19,000.0	89.69	179.47	12,620.5	-6,211.8	172.4	6,214.1	0.00	0.00	0.00
19,100.0	89.69	179.47	12,621.0	-6,311.8	173.3	6,314.1	0.00	0.00	0.00
19,200.0	89.69	179.47	12,621.6	-6,411.8	174.3	6,414.1	0.00	0.00	0.00
19,300.0	89.69	179.47	12,622.1	-6,511.8	175.2	6,514.1	0.00	0.00	0.00
19,400.0	89.69	179.47	12,622.7	-6,611.8	176.1	6,614.1	0.00	0.00	0.00
19,500.0	89.69	179.47	12,623.2	-6,711.7	177.0	6,714.1	0.00	0.00	0.00
19,600.0	89.69	179.47	12,623.7	-6,811.7	177.9	6,814.1	0.00	0.00	0.00
19,700.0	89.69	179.47	12,624.3	-6,911.7	178.9	6,914.0	0.00	0.00	0.00
19,800.0	89.69	179.47	12,624.8	-7,011.7	179.8	7,014.0	0.00	0.00	0.00
19,900.0	89.69	179.47	12,625.4	-7,111.7	180.7	7,114.0	0.00	0.00	0.00
20,000.0	89.69	179.47	12,625.9	-7,211.7	181.6	7,214.0	0.00	0.00	0.00
20,100.0	89.69	179.47	12,626.5	-7,311.7	182.5	7,314.0	0.00	0.00	0.00
20,193.9	89.69	179.47	12,627.0	-7,405.6	183.4	7,407.9	0.00	0.00	0.00
TD at 20193.9									

ConocoPhillips

Survey Report

Company:	DELAWARE BASIN EAST	**Local Co-ordinate Reference:**	Well GREEN BERET FED COM #501H
Project:	BULLDOG PROSPECT (NM-E)	**TVD Reference:**	KB=30' @ 3311.0usft (SCAN QUEST)
Site:	GREEN BERET FEDERAL PROJECT (BULLDOG 2535)	**MD Reference:**	KB=30' @ 3311.0usft (SCAN QUEST)
Well:	GREEN BERET FED COM #501H	**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	0.00	0.00	12,587.0	365.6	111.6	409,659.40	792,987.80	32° 7' 21.839 N	103° 23' 13.024 W
- plan misses target center by 184.5usft at 12501.4usft MD (12444.8 TVD, 248.1 N, 112.9 E)									
- Circle (radius 50.0)									
PBHL (GREEN BERE	-0.31	359.47	12,627.0	-7,405.6	183.4	401,888.20	793,059.60	32° 6' 4.935 N	103° 23' 12.983 W
- plan hits target center									
- Rectangle (sides W100.0 H7,771.5 D20.0)									
LTP (GREEN BERET	0.00	0.00	12,627.0	-7,355.6	183.0	401,938.20	793,059.20	32° 6' 5.430 N	103° 23' 12.983 W
- plan misses target center by 43.9usft at 20100.0usft MD (12626.5 TVD, -7311.7 N, 182.5 E)									
- Point									

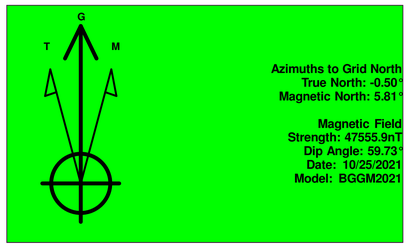
Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	Local Coordinates +E/-W (usft)	Comment
2500	2500	0	0	Start Build 2.00
2800	2799	15	4	Start 3390.1 hold at 2800.0 MD
6190	6171	355	103	Start Drop -1.00
6790	6770	386	112	Start 5339.6 hold at 6790.1 MD
12,130	12,110	386	112	Start DLS 12.00 TFO 179.47
12,877	12,587	-89	116	Start 7316.8 hold at 12877.1 MD
20,194	12,627	-7406	183	TD at 20193.9

Checked By: _____ Approved By: _____ Date: _____

ConocoPhillips

Project: BULLDOG PROSPECT (NM-E)
Site: GREEN BERET FEDERAL PROJECT (BULLDOG 2535)
Well: GREEN BERET FED COM #501H
Wellbore: OWB
Design: PWP1
GL: 3281.5
KB=30' @ 3311.0usft (SCAN QUEST)



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

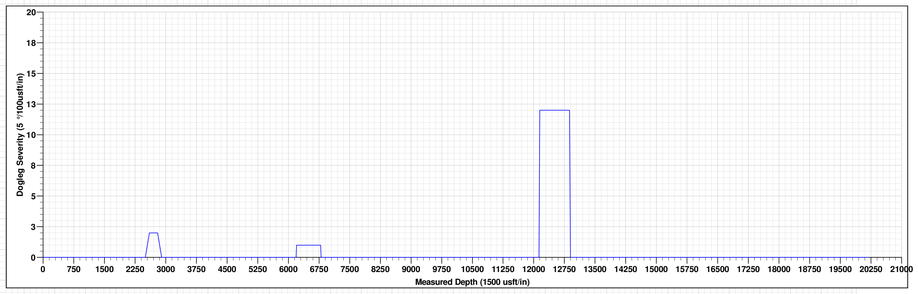
Magnetic Field
Strength: 47555.9nT
Dip Angle: 59.73°
Date: 10/25/2021
Model: BGGM2021

WELL DETAILS: GREEN BERET FED COM #501H

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.0	0.0	409293.80	792876.20	32° 7' 18.231 N	103° 23' 14.359 W

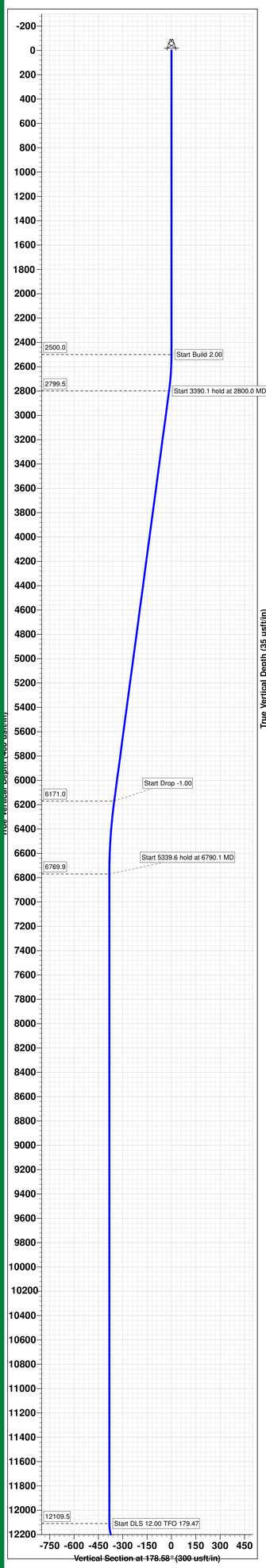
DESIGN TARGET DETAILS

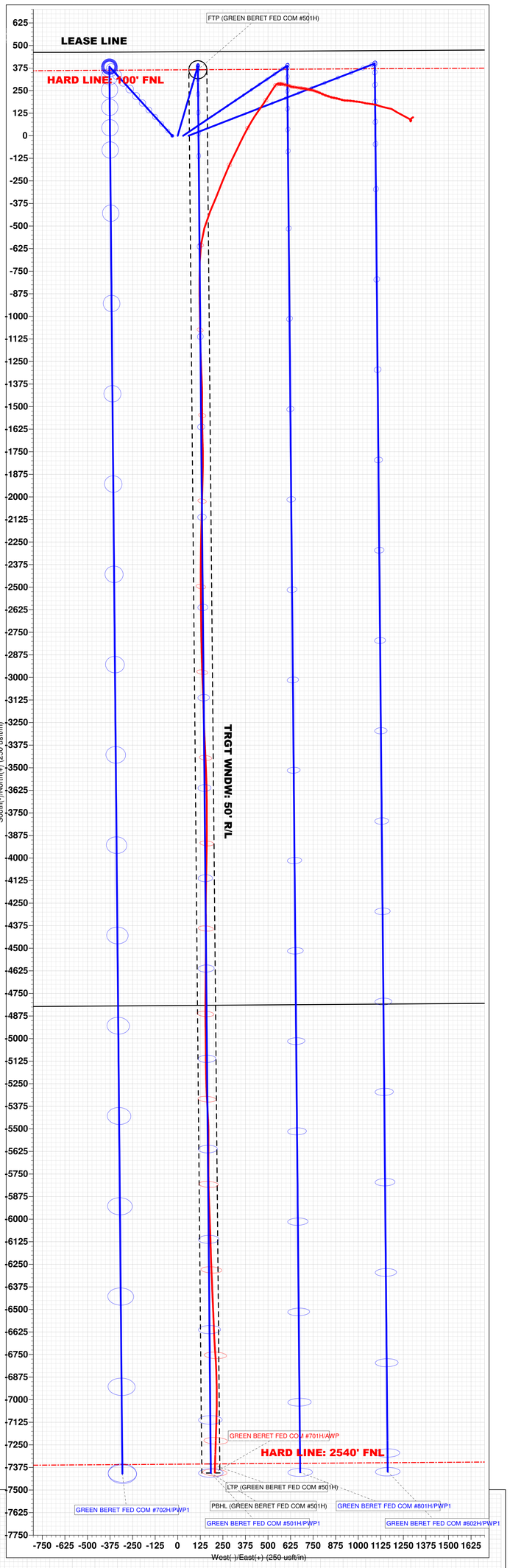
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
FTP (GREEN BERET FED COM #501H)	12587.0	365.6	111.6	409659.40	792987.80	32° 7' 21.839 N	103° 23' 13.024 W
LTP (GREEN BERET FED COM #501H)	12627.0	-7355.6	183.0	401938.20	793059.20	32° 6' 5.430 N	103° 23' 12.983 W
PBHL (GREEN BERET FED COM #501H)	12627.0	-7405.6	183.4	401888.20	793059.60	32° 6' 4.935 N	103° 23' 12.983 W

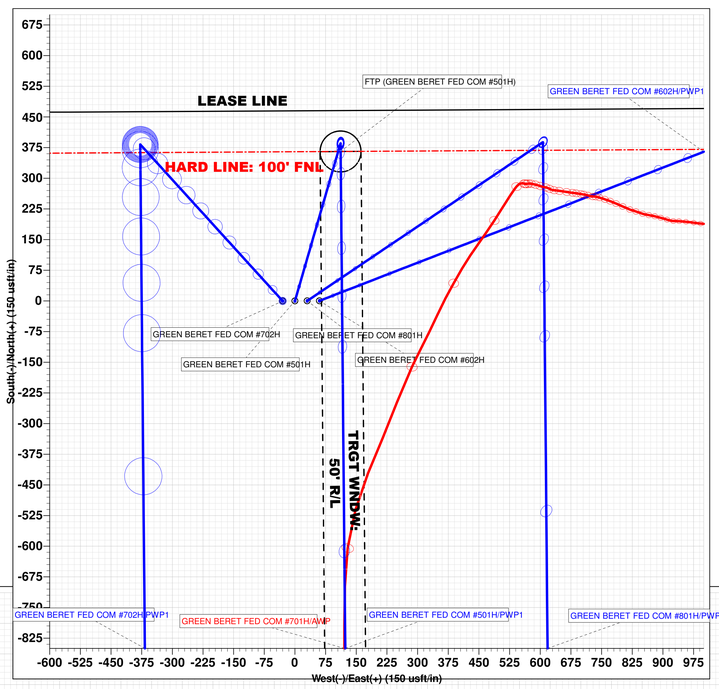


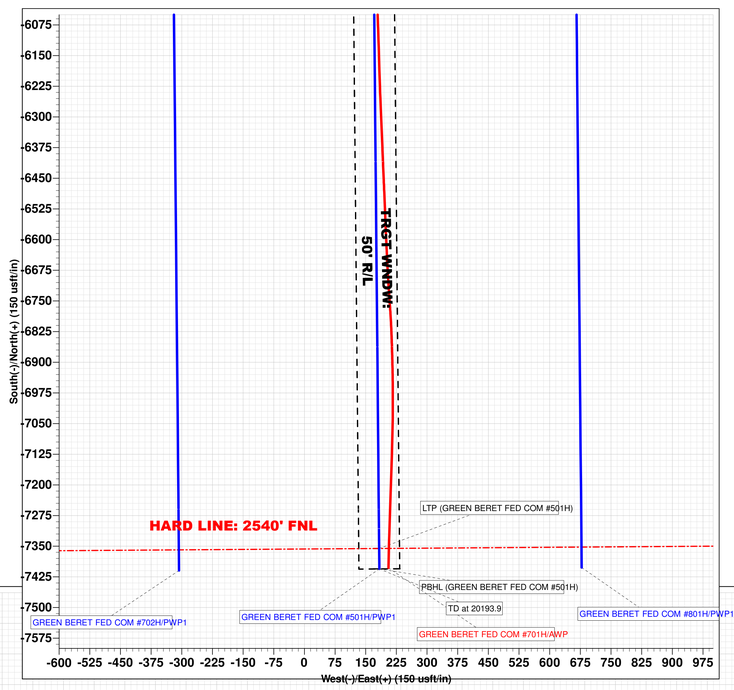
GREEN BERET FED COM #501H

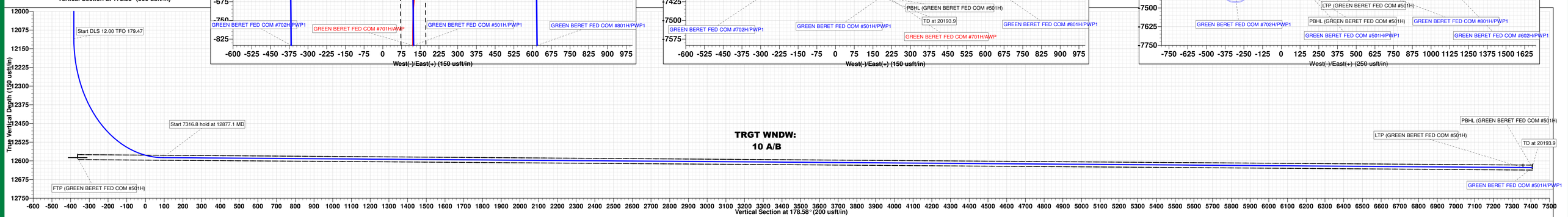
MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Annotation
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2500.0	0.00	0.00	2500.0	0.0	0.0	0.00	0.00	0.0	Start Build 2.00
2800.0	6.00	16.15	2799.5	15.1	4.4	2.00	16.15	-15.0	Start 3390.1 hold at 2800.0 MD
6190.1	6.00	16.15	6171.0	355.5	102.9	0.00	0.00	-352.8	Start Drop -1.00
6790.1	0.00	0.00	6769.9	385.6	111.7	1.00	180.00	-382.7	Start 5339.6 hold at 6790.1 MD
12129.7	0.00	0.00	12109.5	385.6	111.7	0.00	0.00	-382.7	Start DLS 12.00 TFO 179.47
12877.1	89.69	179.47	12587.0	-89.2	116.1	12.00	179.47	92.1	Start 7316.8 hold at 12877.1 MD
20193.9	89.69	179.47	12627.0	-7405.6	183.4	0.00	0.00	7407.9	TD at 20193.9











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811 S. First St., Artesia, NM 88210
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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 78874

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 78874
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

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