U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Sundry Print Report

11/28/2023

Well Name: MEAT LOVER FEDERAL COM

Well Location: T23S / R33E / SEC 18 / NENW /

County or Parish/State:

Well Number: 606H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMLC0068848

Unit or CA Name:

Unit or CA Number:

US Well Number: 3002550283

Well Status: Approved Application for Permit to Drill

Operator: COG OPERATING LLC

Notice of Intent

Sundry ID: 2757922

Type of Submission: Notice of Intent

Type of Action: APD Change

Date Sundry Submitted: 10/24/2023

Time Sundry Submitted: 03:05

Date proposed operation will begin: 10/24/2023

Procedure Description: COG Operating requests an amendment to our approved APD for this well to reflect changes in BHL and dedicated acres. Change BHL FROM: 50' FSL & 1650 FWL TO: 50' FSL & 1100 FWL Lot 4 30-23S-33E Lea County, NM.

NOI Attachments

Procedure Description

MEAT_LOVER_FED_COM_606H_C102_signed_10_24_23_20231024150449.pdf

MEAT_LOVER_FED_COM_606H_APD_AC_RPT_20231024150449.pdf

Meat_Lovers_Fed_Com_606H_APD_drill_plan_revised_10_24_23_20231024150449.pdf

MEAT_LOVER_FED_COM_606H_APD_WP_20231024150449.pdf

MEAT_LOVER_FED_COM_606H_APD_DIR_RPT_20231024150449.pdf

Well Name: MEAT LOVER FEDERAL COM

Well Location: T23S / R33E / SEC 18 / NENW /

County or Parish/State:

Well Number: 606H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMLC0068848

Unit or CA Name:

Unit or CA Number:

US Well Number: 3002550283

Well Status: Approved Application for Permit to Drill

Operator: COG OPERATING LLC

Operator

I certify that the foregoing is true and correct. 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. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: STAN WAGNER

Signed on: OCT 24, 2023 03:05 PM

Name: COG OPERATING LLC

Title: Regulatory Advisor

Street Address: 600 WEST ILLINOIS AVE

City: MIDLAND **State:** TX

Phone: (432) 253-9685

Email address: STAN.S.WAGNER@CONOCOPHILLIPS.COM

Field

Representative Name:

Street Address:

City: **State:** **Zip:**

Phone:

Email address:

BLM Point of Contact

BLM POC Name: CHRISTOPHER WALLS

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5752342234

BLM POC Email Address: cwalls@blm.gov

Disposition: Approved

Disposition Date: 11/21/2023

Signature: Chris Walls

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)

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.
AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.
PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c)and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.
ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.
EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:
The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.
Response to this request is mandatory.
The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect ofthis form to U.S. Department ofthe Interior, Bureau ofLand Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

Additional Information

Location of Well

0. SHL: NENW / 270 FNL / 1340 FWL / TWSP: 23S / RANGE: 33E / SECTION: 18 / LAT: 32.311295 / LONG: -103.615433 (TVD: 0 feet, MD: 0 feet)

PPP: NENW / 100 FNL / 1650 FWL / TWSP: 23S / RANGE: 33E / SECTION: 18 / LAT: 32.311762 / LONG: -103.614429 (TVD: 12309 feet, MD: 12374 feet)

PPP: NENW / 1 FNL / 1650 FWL / TWSP: 23S / RANGE: 33E / SECTION: 19 / LAT: 32.297521 / LONG: -103.614423 (TVD: 12490 feet, MD: 17600 feet)

BHL: SESW / 50 FSL / 1650 FWL / TWSP: 23S / RANGE: 33E / SECTION: 30 / LAT: 32.268626 / LONG: -103.614411 (TVD: 12545 feet, MD: 27947 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
30-025-50283	98177	WC-025 G-09 S223332A; Upper Wolfcamp

Property Code	Property Name	Well Number
332964	MEAT LOVER FEDERAL COM	606H

OGRID No.	Operator Name	Elevation
229137	COG OPERATING LLC	3717.9'

Surface Location

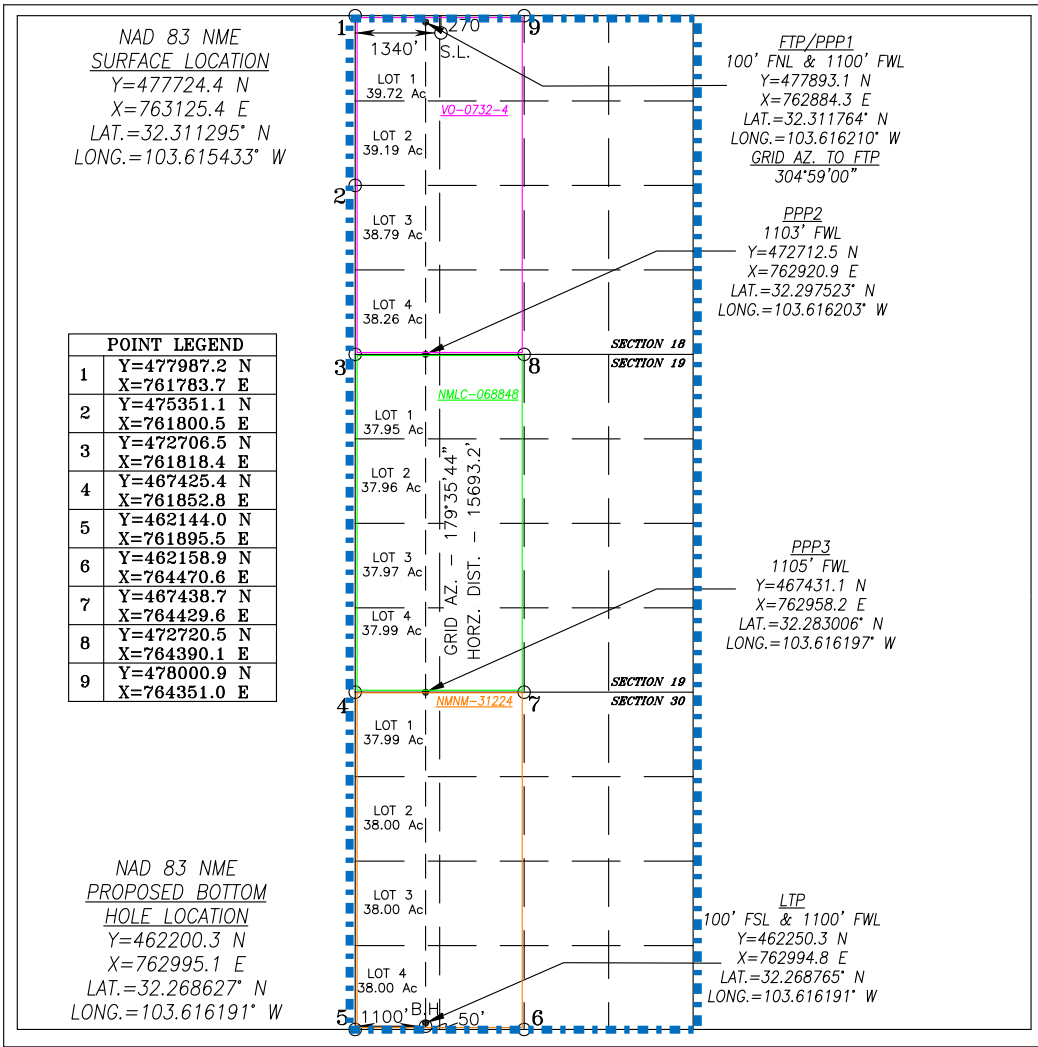
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	18	23-S	33-E		270	NORTH	1340	WEST	LEA

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
4	30	23-S	33-E		50	SOUTH	1100	WEST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
1894.72		Com	

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



POINT LEGEND	
1	Y=477987.2 N X=761783.7 E
2	Y=475351.1 N X=761800.5 E
3	Y=472706.5 N X=761818.4 E
4	Y=467425.4 N X=761852.8 E
5	Y=462144.0 N X=761895.5 E
6	Y=462158.9 N X=764470.6 E
7	Y=467438.7 N X=764429.6 E
8	Y=472720.5 N X=764390.1 E
9	Y=478000.9 N X=764351.0 E

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.

Stan Wagner 10/24/23
Signature Date

Stan Wagner
Printed Name

E-mail Address

SURVEYOR CERTIFICATION

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

MAY 28, 2021
Date of Survey

Signature & Seal of Professional Surveyor

CHAD L. HARCROW NEW MEXICO 17777 LICENSED PROFESSIONAL SURVEYOR

Chad Harcrow 10/5/23
Certificate No. CHAD HARCROW 17777

W.O. # 23-800 DRAWN BY: WN

DELAWARE BASIN EAST

BULLDOG PROSPECT (DBE)
MEAT LOVER FED COM PROJECT
MEAT LOVER FED COM #606H

OWB
PWP2

Anticollision Report

23 October, 2023

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN EAST	**Local Co-ordinate Reference:**	Well MEAT LOVER FED COM #606H - Slot MEAT LOVER FED COM #606H
Project:	BULLDOG PROSPECT (DBE)	**TVD Reference:**	*KB=30' @ 3747.9usft (TBD)
Reference Site:	MEAT LOVER FED COM PROJECT	**MD Reference:**	*KB=30' @ 3747.9usft (TBD)
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	MEAT LOVER FED COM #606H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 17 Central Planning Prod
Reference Design:	PWP2	**Offset TVD Reference:**	Offset Datum

Reference PWP2

Filter type:	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
Interpolation Method:	Stations	**Error Model:**	ISCWSA
Depth Range:	Unlimited	**Scan Method:**	Closest Approach 3D
Results Limited by:	Maximum centre distance of 1,000.0usft	**Error Surface:**	Combined Pedal Curve
Warning Levels Evaluated at:	2.79 **Sigma**	**Casing Method:**	Added to Error Values

Survey Tool Program **Date** 10/23/2023

From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
0.0	1,500.0	PWP2 (OWB)	r.5 SDI_KPR_WL_NS-CT	SDI Keeper Wireline Gyrocomp-Initilzd Cont. rev.5
1,500.0	11,862.8	PWP2 (OWB)	r.5 MWD+IFR1+MS	OWSG MWD + IFR1 + Multi-Station Correction rev.5
11,862.8	27,931.2	PWP2 (OWB)	r.5 MWD+IFR1+MS	OWSG MWD + IFR1 + Multi-Station Correction rev.5

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
MEAT LOVER FED COM PROJECT						
MEAT LOVER FED COM #605H - OWB - PWP2	1,466.6	1,466.8	30.0	20.8	3.244	CC
MEAT LOVER FED COM #605H - OWB - PWP2	1,500.0	1,500.0	30.0	20.7	3.225	ES, SF
MEAT LOVER FED COM #607H - OWB - PWP2	1,856.5	1,855.2	20.2	9.6	1.899	Advise and Monitor, CC, ES,
MEAT LOVER FED COM #608H - OWB - PWP2	1,500.0	1,499.5	59.9	50.6	6.439	CC, ES
MEAT LOVER FED COM #608H - OWB - PWP2	27,931.2	28,032.5	770.0	528.6	3.190	SF

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
MEAT LOVER FED COM PROJECT						
MEAT LOVER FED COM #605H - OWB - PWP2	27,931.2	28,053.7				Out of Range @TD
MEAT LOVER FED COM #607H - OWB - PWP2	27,931.2	27,953.5	770.0	529.3	3.199	
MEAT LOVER FED COM #608H - OWB - PWP2	27,931.2	28,032.5	770.0	528.6	3.190	SF

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN EAST	**Local Co-ordinate Reference:**	Well MEAT LOVER FED COM #606H - Slot MEAT LOVER FED COM #606H
Project:	BULLDOG PROSPECT (DBE)	**TVD Reference:**	*KB=30' @ 3747.9usft (TBD)
Reference Site:	MEAT LOVER FED COM PROJECT	**MD Reference:**	*KB=30' @ 3747.9usft (TBD)
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	MEAT LOVER FED COM #606H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 17 Central Planning Prod
Reference Design:	PWP2	**Offset TVD Reference:**	Offset Datum

Offset Design: MEAT LOVER FED COM PROJECT - MEAT LOVER FED COM #605H - OWB - PWP2 — **Offset Site Error:** 0.0 usft

Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1+MS, 11995-r.5 MWD+IFR1+MS — **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	0.2	0.2	3.0	3.0	89.62	0.2	30.0	30.0				
100.0	100.0	100.2	100.2	3.0	3.0	89.62	0.2	30.0	30.0	23.5	6.52	4.601	
200.0	200.0	200.2	200.2	3.2	3.2	89.62	0.2	30.0	30.0	23.2	6.76	4.438	
300.0	300.0	300.2	300.2	3.3	3.3	89.62	0.2	30.0	30.0	23.0	6.99	4.291	
400.0	400.0	400.2	400.2	3.4	3.4	89.62	0.2	30.0	30.0	22.8	7.22	4.158	
500.0	500.0	500.2	500.2	3.5	3.5	89.62	0.2	30.0	30.0	22.6	7.43	4.037	
600.0	600.0	600.2	600.2	3.7	3.7	89.62	0.2	30.0	30.0	22.4	7.64	3.927	
700.0	700.0	700.2	700.2	3.8	3.8	89.62	0.2	30.0	30.0	22.2	7.84	3.825	
800.0	800.0	800.2	800.2	3.9	3.9	89.62	0.2	30.0	30.0	22.0	8.04	3.730	
900.0	900.0	900.2	900.2	4.0	4.0	89.62	0.2	30.0	30.0	21.8	8.23	3.643	
1,000.0	1,000.0	1,000.2	1,000.2	4.2	4.2	89.62	0.2	30.0	30.0	21.6	8.42	3.562	
1,100.0	1,100.0	1,100.2	1,100.2	4.3	4.3	89.62	0.2	30.0	30.0	21.4	8.61	3.486	
1,200.0	1,200.0	1,200.2	1,200.2	4.4	4.4	89.62	0.2	30.0	30.0	21.2	8.79	3.414	
1,300.0	1,300.0	1,300.2	1,300.2	4.5	4.5	89.62	0.2	30.0	30.0	21.0	8.96	3.347	
1,400.0	1,400.0	1,400.2	1,400.2	4.6	4.6	89.62	0.2	30.0	30.0	20.9	9.14	3.284	
1,466.6	1,466.6	1,466.8	1,466.8	4.7	4.7	89.62	0.2	30.0	30.0	20.8	9.25	3.244	CC
1,500.0	1,500.0	1,500.0	1,500.0	4.8	4.8	89.62	0.2	30.0	30.0	20.7	9.30	3.225	ES, SF
1,600.0	1,600.0	1,599.1	1,599.1	4.9	4.9	139.10	0.5	31.7	33.0	23.4	9.63	3.428	
1,700.0	1,699.8	1,697.4	1,697.2	5.1	5.0	142.26	1.4	36.7	42.1	32.0	10.12	4.159	
1,800.0	1,799.5	1,794.6	1,794.0	5.4	5.2	145.24	2.8	44.9	57.4	46.7	10.64	5.393	
1,900.0	1,898.7	1,890.1	1,888.9	5.7	5.5	147.41	4.8	56.1	78.7	67.5	11.16	7.052	
2,000.0	1,997.7	1,983.8	1,981.5	5.9	5.8	148.65	7.3	70.1	104.6	93.0	11.64	8.988	
2,100.0	2,096.8	2,076.0	2,072.2	6.2	6.1	148.88	10.2	86.8	133.4	121.3	12.12	11.006	
2,200.0	2,195.8	2,166.5	2,160.5	6.4	6.5	148.65	13.6	106.0	165.0	152.4	12.61	13.082	
2,300.0	2,294.8	2,255.5	2,246.8	6.7	6.7	148.18	17.4	127.5	199.4	186.4	13.05	15.276	
2,400.0	2,393.8	2,348.9	2,337.0	7.0	7.0	147.71	21.6	151.3	235.0	221.4	13.57	17.316	
2,500.0	2,492.9	2,442.4	2,427.3	7.4	7.3	147.36	25.8	175.2	270.6	256.5	14.14	19.136	
2,600.0	2,591.9	2,535.8	2,517.5	7.7	7.7	147.10	30.0	199.0	306.2	291.5	14.73	20.783	
2,700.0	2,690.9	2,629.2	2,607.8	8.0	8.0	146.89	34.2	222.8	341.9	326.5	15.35	22.275	
2,800.0	2,789.9	2,722.7	2,698.0	8.4	8.4	146.72	38.4	246.6	377.5	361.5	15.98	23.627	
2,900.0	2,889.0	2,816.1	2,788.3	8.7	8.8	146.58	42.6	270.4	413.1	396.5	16.62	24.853	
3,000.0	2,988.0	2,909.5	2,878.5	9.1	9.1	146.46	46.8	294.2	448.7	431.4	17.28	25.968	
3,100.0	3,087.0	3,003.0	2,968.8	9.5	9.5	146.36	51.0	318.1	484.4	466.4	17.95	26.983	
3,200.0	3,186.1	3,096.4	3,059.0	9.8	9.9	146.27	55.2	341.9	520.0	501.4	18.63	27.909	
3,300.0	3,285.1	3,189.8	3,149.3	10.2	10.3	146.20	59.4	365.7	555.6	536.3	19.32	28.756	
3,400.0	3,384.1	3,283.3	3,239.5	10.6	10.7	146.13	63.6	389.5	591.2	571.2	20.02	29.531	
3,500.0	3,483.1	3,376.7	3,329.8	11.0	11.1	146.07	67.8	413.3	626.9	606.1	20.73	30.244	
3,600.0	3,582.2	3,470.1	3,420.0	11.4	11.5	146.02	72.0	437.1	662.5	641.1	21.44	30.899	
3,633.2	3,615.0	3,501.1	3,450.0	11.5	11.7	146.00	73.4	445.0	674.3	652.7	21.66	31.126	
3,700.0	3,681.2	3,563.7	3,510.4	11.7	12.0	146.09	76.2	461.0	697.8	675.7	22.13	31.535	
3,800.0	3,780.5	3,657.7	3,601.2	12.1	12.4	146.16	80.4	484.9	731.9	709.0	22.85	32.033	
3,900.0	3,880.0	3,752.2	3,692.4	12.5	12.8	146.15	84.7	509.0	764.6	741.0	23.57	32.444	
4,000.0	3,979.7	3,847.1	3,784.1	12.9	13.2	146.07	88.9	533.2	795.9	771.6	24.28	32.779	
4,100.0	4,079.4	3,942.4	3,876.2	13.2	13.7	145.93	93.2	557.5	825.9	800.9	24.99	33.048	
4,200.0	4,179.3	4,038.1	3,968.6	13.5	14.1	145.74	97.5	581.9	854.5	828.8	25.69	33.259	
4,300.0	4,279.2	4,134.1	4,061.4	13.8	14.6	145.50	101.8	606.4	881.7	855.4	26.38	33.426	
4,400.0	4,379.2	4,230.5	4,154.4	14.1	15.0	145.21	106.2	630.9	907.6	880.6	27.04	33.567	
4,433.2	4,412.4	4,262.5	4,185.4	14.1	15.2	97.11	107.6	639.1	915.9	888.7	27.22	33.645	
4,500.0	4,479.2	4,327.0	4,247.7	14.1	15.5	96.79	110.5	655.5	932.5	905.0	27.58	33.815	
4,600.0	4,579.2	4,423.6	4,341.0	14.2	15.9	96.35	114.8	680.2	957.4	929.3	28.14	34.029	
4,700.0	4,679.2	4,520.2	4,434.3	14.3	16.4	95.92	119.2	704.8	982.3	953.6	28.70	34.226	

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 MEAT LOVER FED COM #606H - Slot MEAT LOVER FED COM #606H
Project:	BULLDOG PROSPECT (DBE)	**TVD Reference:**	*KB=30' @ 3747.9usft (TBD)
Reference Site:	MEAT LOVER FED COM PROJECT	**MD Reference:**	*KB=30' @ 3747.9usft (TBD)
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	MEAT LOVER FED COM #606H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 17 Central Planning Prod
Reference Design:	PWP2	**Offset TVD Reference:**	Offset Datum

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN EAST	**Local Co-ordinate Reference:**	Well MEAT LOVER FED COM #606H - Slot MEAT LOVER FED COM #606H
Project:	BULLDOG PROSPECT (DBE)	**TVD Reference:**	*KB=30' @ 3747.9usft (TBD)
Reference Site:	MEAT LOVER FED COM PROJECT	**MD Reference:**	*KB=30' @ 3747.9usft (TBD)
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	MEAT LOVER FED COM #606H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 17 Central Planning Prod
Reference Design:	PWP2	**Offset TVD Reference:**	Offset Datum

Offset Design: MEAT LOVER FED COM PROJECT - MEAT LOVER FED COM #607H - OWB - PWP2 — **Offset Site Error:** 0.0 usft

Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1+MS, 11890-r.5 MWD+IFR1+MS — **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	-90.38	-0.2	-30.0	30.0				
100.0	100.0	99.6	99.6	3.0	3.0	-90.38	-0.2	-30.0	30.0	23.5	6.52	4.601	
200.0	200.0	199.6	199.6	3.2	3.2	-90.38	-0.2	-30.0	30.0	23.2	6.76	4.438	
300.0	300.0	299.6	299.6	3.3	3.3	-90.38	-0.2	-30.0	30.0	23.0	6.99	4.291	
400.0	400.0	399.6	399.6	3.4	3.4	-90.38	-0.2	-30.0	30.0	22.8	7.21	4.158	
500.0	500.0	499.6	499.6	3.5	3.5	-90.38	-0.2	-30.0	30.0	22.6	7.43	4.038	
600.0	600.0	599.6	599.6	3.7	3.7	-90.38	-0.2	-30.0	30.0	22.4	7.64	3.927	
700.0	700.0	699.6	699.6	3.8	3.8	-90.38	-0.2	-30.0	30.0	22.2	7.84	3.825	
800.0	800.0	799.6	799.6	3.9	3.9	-90.38	-0.2	-30.0	30.0	22.0	8.04	3.731	
900.0	900.0	899.6	899.6	4.0	4.0	-90.38	-0.2	-30.0	30.0	21.8	8.23	3.643	
1,000.0	1,000.0	999.6	999.6	4.2	4.2	-90.38	-0.2	-30.0	30.0	21.6	8.42	3.562	
1,100.0	1,100.0	1,099.6	1,099.6	4.3	4.3	-90.38	-0.2	-30.0	30.0	21.4	8.61	3.486	
1,200.0	1,200.0	1,199.6	1,199.6	4.4	4.4	-90.38	-0.2	-30.0	30.0	21.2	8.79	3.415	
1,300.0	1,300.0	1,299.6	1,299.6	4.5	4.5	-90.38	-0.2	-30.0	30.0	21.0	8.96	3.347	
1,400.0	1,400.0	1,399.6	1,399.6	4.6	4.6	-90.38	-0.2	-30.0	30.0	20.9	9.13	3.284	
1,500.0	1,500.0	1,499.6	1,499.6	4.8	4.8	-90.38	-0.2	-30.0	30.0	20.7	9.30	3.225	
1,600.0	1,600.0	1,599.6	1,599.6	4.9	4.9	-44.75	-0.2	-30.0	28.7	19.1	9.61	2.990	
1,700.0	1,699.8	1,699.4	1,699.4	5.1	5.1	-53.17	-0.2	-30.0	25.3	15.3	9.97	2.536	
1,800.0	1,799.5	1,799.1	1,799.1	5.4	5.2	-72.36	-0.2	-30.0	21.2	10.9	10.35	2.051	
1,856.5	1,855.6	1,855.2	1,855.2	5.6	5.3	-89.98	-0.2	-30.0	20.2	9.6	10.65	1.899	Advise and Monitor, CC, ES, SF
1,900.0	1,898.7	1,898.3	1,898.3	5.7	5.4	-105.65	-0.2	-30.0	21.0	10.1	10.95	1.919	Advise and Monitor
2,000.0	1,997.7	1,997.3	1,997.3	5.9	5.5	-133.88	-0.2	-30.0	28.2	16.6	11.59	2.432	
2,100.0	2,096.8	2,096.1	2,096.1	6.2	5.6	-149.72	-0.3	-29.2	39.5	27.5	12.06	3.277	
2,200.0	2,195.8	2,194.4	2,194.3	6.4	5.8	-159.69	-0.6	-26.7	53.4	40.9	12.48	4.281	
2,300.0	2,294.8	2,292.2	2,292.1	6.7	5.9	-166.51	-1.1	-22.6	69.4	56.5	12.90	5.378	
2,400.0	2,393.8	2,389.4	2,389.1	7.0	6.0	-171.52	-1.8	-16.9	87.2	73.8	13.34	6.534	
2,500.0	2,492.9	2,486.1	2,485.5	7.4	6.1	-175.38	-2.7	-9.5	106.7	92.9	13.80	7.728	
2,600.0	2,591.9	2,583.5	2,582.5	7.7	6.3	-178.93	-2.9	-0.3	127.3	113.0	14.32	8.892	
2,700.0	2,690.9	2,680.6	2,678.9	8.0	6.6	177.24	-0.6	11.2	148.6	133.7	14.84	10.013	
2,800.0	2,789.9	2,776.9	2,774.1	8.4	6.9	173.28	3.9	24.7	170.7	155.3	15.37	11.106	
2,900.0	2,889.0	2,873.2	2,868.9	8.7	7.1	169.48	10.3	40.0	193.9	178.1	15.86	12.228	
3,000.0	2,988.0	2,969.7	2,964.0	9.1	7.4	166.43	16.9	55.4	217.9	201.5	16.38	13.305	
3,100.0	3,087.0	3,066.2	3,059.0	9.5	7.7	163.99	23.4	70.8	242.3	225.4	16.91	14.329	
3,200.0	3,186.1	3,162.7	3,154.0	9.8	8.0	161.99	30.0	86.2	267.1	249.6	17.46	15.295	
3,300.0	3,285.1	3,259.2	3,249.1	10.2	8.4	160.33	36.5	101.7	292.1	274.1	18.03	16.204	
3,400.0	3,384.1	3,355.7	3,344.1	10.6	8.7	158.93	43.1	117.1	317.3	298.7	18.60	17.056	
3,500.0	3,483.1	3,452.2	3,439.1	11.0	9.0	157.74	49.6	132.5	342.7	323.5	19.19	17.854	
3,600.0	3,582.2	3,548.7	3,534.2	11.4	9.4	156.71	56.2	147.9	368.2	348.4	19.79	18.600	
3,633.2	3,615.0	3,580.7	3,565.7	11.5	9.5	156.40	58.3	153.1	376.6	356.6	19.98	18.853	
3,700.0	3,681.2	3,645.3	3,629.3	11.7	9.7	155.86	62.7	163.4	393.4	373.0	20.36	19.317	
3,800.0	3,780.5	3,742.2	3,724.7	12.1	10.1	155.06	69.3	178.9	417.3	396.3	20.97	19.898	
3,900.0	3,880.0	3,839.4	3,820.5	12.5	10.5	154.25	75.9	194.4	439.7	418.1	21.57	20.384	
4,000.0	3,979.7	3,936.9	3,916.5	12.9	10.8	153.42	82.5	210.0	460.7	438.5	22.16	20.785	
4,100.0	4,079.4	4,034.7	4,012.8	13.2	11.2	152.58	89.1	225.6	480.3	457.5	22.75	21.112	
4,200.0	4,179.3	4,132.7	4,109.3	13.5	11.6	151.70	95.8	241.3	498.5	475.2	23.32	21.375	
4,300.0	4,279.2	4,230.9	4,206.0	13.8	12.0	150.80	102.4	257.0	515.3	491.4	23.87	21.586	
4,400.0	4,379.2	4,329.2	4,302.9	14.1	12.4	149.86	109.1	272.7	530.8	506.4	24.39	21.765	
4,433.2	4,412.4	4,361.9	4,335.0	14.1	12.5	101.54	111.3	277.9	535.6	511.1	24.51	21.849	
4,500.0	4,479.2	4,427.7	4,399.8	14.1	12.8	100.85	115.8	288.5	545.3	520.5	24.75	22.035	
4,600.0	4,579.2	4,526.2	4,496.8	14.2	13.2	99.87	122.5	304.2	559.8	534.7	25.13	22.277	
4,700.0	4,679.2	4,624.7	4,593.8	14.3	13.6	98.93	129.2	319.9	574.6	549.0	25.53	22.505	

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 MEAT LOVER FED COM #606H - Slot MEAT LOVER FED COM #606H
Project:	BULLDOG PROSPECT (DBE)	**TVD Reference:**	*KB=30' @ 3747.9usft (TBD)
Reference Site:	MEAT LOVER FED COM PROJECT	**MD Reference:**	*KB=30' @ 3747.9usft (TBD)
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	MEAT LOVER FED COM #606H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 17 Central Planning Prod
Reference Design:	PWP2	**Offset TVD Reference:**	Offset Datum

Offset Design: MEAT LOVER FED COM PROJECT - MEAT LOVER FED COM #607H - OWB - PWP2 — **Offset Site Error:** 0.0 usft

Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1+MS, 11890-r.5 MWD+IFR1+MS — **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
4,800.0	4,779.2	4,723.1	4,690.8	14.3	14.0	98.04	135.8	335.7	589.4	563.5	25.95	22.718	
4,900.0	4,879.2	4,821.6	4,787.8	14.4	14.4	97.20	142.5	351.4	604.4	578.1	26.37	22.918	
5,000.0	4,979.2	4,920.1	4,884.8	14.5	14.8	96.39	149.2	367.2	619.6	592.7	26.82	23.105	
5,100.0	5,079.2	5,018.6	4,981.7	14.5	15.3	95.62	155.9	382.9	634.8	607.5	27.27	23.280	
5,200.0	5,179.2	5,117.1	5,078.7	14.6	15.7	94.89	162.6	398.6	650.2	622.4	27.73	23.443	
5,300.0	5,279.2	5,215.5	5,175.7	14.6	16.1	94.20	169.3	414.4	665.6	637.4	28.21	23.595	
5,400.0	5,379.2	5,314.0	5,272.7	14.7	16.5	93.53	175.9	430.1	681.1	652.4	28.69	23.738	
5,500.0	5,479.2	5,412.5	5,369.7	14.8	16.9	92.89	182.6	445.9	696.8	667.6	29.18	23.875	
5,600.0	5,579.2	5,521.4	5,477.0	14.8	17.4	92.25	189.7	462.6	711.9	682.1	29.73	23.941	
5,700.0	5,679.2	5,633.0	5,587.4	14.9	17.9	91.69	196.2	477.8	725.3	695.0	30.31	23.931	
5,800.0	5,779.2	5,745.2	5,698.7	15.0	18.3	91.22	201.8	491.1	737.1	706.2	30.87	23.876	
5,900.0	5,879.2	5,858.0	5,810.8	15.0	18.8	90.83	206.6	502.5	747.1	715.6	31.41	23.782	
6,000.0	5,979.2	5,971.2	5,923.5	15.1	19.2	90.51	210.6	511.8	755.3	723.3	31.93	23.653	
6,100.0	6,079.2	6,084.7	6,036.8	15.1	19.6	90.28	213.7	519.1	761.7	729.3	32.42	23.494	
6,200.0	6,179.2	6,198.6	6,150.5	15.2	20.0	90.11	215.9	524.4	766.3	733.4	32.88	23.310	
6,300.0	6,279.2	6,312.6	6,264.4	15.3	20.3	90.01	217.3	527.6	769.1	735.8	33.27	23.115	
6,400.0	6,379.2	6,426.7	6,378.5	15.3	20.6	89.97	217.8	528.6	770.1	736.5	33.56	22.946	
6,500.0	6,479.2	6,527.0	6,478.8	15.4	20.6	89.97	217.8	528.6	770.1	736.4	33.66	22.880	
6,600.0	6,579.2	6,627.0	6,578.8	15.5	20.6	89.97	217.8	528.6	770.1	736.3	33.76	22.807	
6,700.0	6,679.2	6,727.0	6,678.8	15.5	20.7	89.97	217.8	528.6	770.1	736.2	33.87	22.734	
6,800.0	6,779.2	6,827.0	6,778.8	15.6	20.7	89.97	217.8	528.6	770.1	736.1	33.98	22.661	
6,900.0	6,879.2	6,927.0	6,878.8	15.7	20.8	89.97	217.8	528.6	770.1	736.0	34.09	22.588	
7,000.0	6,979.2	7,027.0	6,978.8	15.7	20.8	89.97	217.8	528.6	770.1	735.9	34.20	22.516	
7,100.0	7,079.2	7,127.0	7,078.8	15.8	20.8	89.97	217.8	528.6	770.1	735.7	34.31	22.444	
7,200.0	7,179.2	7,227.0	7,178.8	15.9	20.9	89.97	217.8	528.6	770.1	735.6	34.42	22.372	
7,300.0	7,279.2	7,327.0	7,278.8	15.9	20.9	89.97	217.8	528.6	770.1	735.5	34.53	22.300	
7,400.0	7,379.2	7,427.0	7,378.8	16.0	21.0	89.97	217.8	528.6	770.1	735.4	34.64	22.229	
7,500.0	7,479.2	7,527.0	7,478.8	16.1	21.0	89.97	217.8	528.6	770.1	735.3	34.75	22.157	
7,600.0	7,579.2	7,627.0	7,578.8	16.1	21.1	89.97	217.8	528.6	770.1	735.2	34.87	22.086	
7,700.0	7,679.2	7,727.0	7,678.8	16.2	21.1	89.97	217.8	528.6	770.1	735.1	34.98	22.015	
7,800.0	7,779.2	7,827.0	7,778.8	16.3	21.2	89.97	217.8	528.6	770.1	735.0	35.09	21.944	
7,900.0	7,879.2	7,927.0	7,878.8	16.3	21.2	89.97	217.8	528.6	770.1	734.9	35.20	21.874	
8,000.0	7,979.2	8,027.0	7,978.8	16.4	21.2	89.97	217.8	528.6	770.1	734.7	35.32	21.804	
8,100.0	8,079.2	8,127.0	8,078.8	16.5	21.3	89.97	217.8	528.6	770.1	734.6	35.43	21.734	
8,200.0	8,179.2	8,227.0	8,178.8	16.5	21.3	89.97	217.8	528.6	770.1	734.5	35.55	21.664	
8,300.0	8,279.2	8,327.0	8,278.8	16.6	21.4	89.97	217.8	528.6	770.1	734.4	35.66	21.594	
8,400.0	8,379.2	8,427.0	8,378.8	16.7	21.4	89.97	217.8	528.6	770.1	734.3	35.78	21.525	
8,500.0	8,479.2	8,527.0	8,478.8	16.7	21.5	89.97	217.8	528.6	770.1	734.2	35.89	21.456	
8,600.0	8,579.2	8,627.0	8,578.8	16.8	21.5	89.97	217.8	528.6	770.1	734.1	36.01	21.387	
8,700.0	8,679.2	8,727.0	8,678.8	16.9	21.6	89.97	217.8	528.6	770.1	733.9	36.12	21.318	
8,800.0	8,779.2	8,827.0	8,778.8	16.9	21.6	89.97	217.8	528.6	770.1	733.8	36.24	21.250	
8,900.0	8,879.2	8,927.0	8,878.8	17.0	21.7	89.97	217.8	528.6	770.1	733.7	36.36	21.181	
9,000.0	8,979.2	9,027.0	8,978.8	17.1	21.7	89.97	217.8	528.6	770.1	733.6	36.47	21.113	
9,100.0	9,079.2	9,127.0	9,078.8	17.1	21.8	89.97	217.8	528.6	770.1	733.5	36.59	21.046	
9,200.0	9,179.2	9,227.0	9,178.8	17.2	21.8	89.97	217.8	528.6	770.1	733.3	36.71	20.978	
9,300.0	9,279.2	9,327.0	9,278.8	17.3	21.9	89.97	217.8	528.6	770.1	733.2	36.83	20.911	
9,400.0	9,379.2	9,427.0	9,378.8	17.3	21.9	89.97	217.8	528.6	770.1	733.1	36.94	20.844	
9,500.0	9,479.2	9,527.0	9,478.8	17.4	21.9	89.97	217.8	528.6	770.1	733.0	37.06	20.777	
9,600.0	9,579.2	9,627.0	9,578.8	17.5	22.0	89.97	217.8	528.6	770.1	732.9	37.18	20.711	
9,700.0	9,679.2	9,727.0	9,678.8	17.5	22.0	89.97	217.8	528.6	770.1	732.8	37.30	20.644	
9,800.0	9,779.2	9,827.0	9,778.8	17.6	22.1	89.97	217.8	528.6	770.1	732.6	37.42	20.578	

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 MEAT LOVER FED COM #606H - Slot MEAT LOVER FED COM #606H
Project:	BULLDOG PROSPECT (DBE)	**TVD Reference:**	*KB=30' @ 3747.9usft (TBD)
Reference Site:	MEAT LOVER FED COM PROJECT	**MD Reference:**	*KB=30' @ 3747.9usft (TBD)
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	MEAT LOVER FED COM #606H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 17 Central Planning Prod
Reference Design:	PWP2	**Offset TVD Reference:**	Offset Datum

Offset Design: MEAT LOVER FED COM PROJECT - MEAT LOVER FED COM #607H - OWB - PWP2

Offset Site Error: 0.0 usft

Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1+MS, 11890-r.5 MWD+IFR1+MS

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	9,879.2	9,927.0	9,878.8	17.7	22.1	89.97	217.8	528.6	770.1	732.5	37.54	20.513	
10,000.0	9,979.2	10,027.0	9,978.8	17.7	22.2	89.97	217.8	528.6	770.1	732.4	37.66	20.447	
10,100.0	10,079.2	10,127.0	10,078.8	17.8	22.2	89.97	217.8	528.6	770.1	732.3	37.78	20.382	
10,200.0	10,179.2	10,227.0	10,178.8	17.9	22.3	89.97	217.8	528.6	770.1	732.2	37.90	20.317	
10,300.0	10,279.2	10,327.0	10,278.8	18.0	22.3	89.97	217.8	528.6	770.1	732.0	38.02	20.252	
10,400.0	10,379.2	10,427.0	10,378.8	18.0	22.4	89.97	217.8	528.6	770.1	731.9	38.14	20.188	
10,500.0	10,479.2	10,527.0	10,478.8	18.1	22.4	89.97	217.8	528.6	770.1	731.8	38.27	20.123	
10,600.0	10,579.2	10,627.0	10,578.8	18.2	22.5	89.97	217.8	528.6	770.1	731.7	38.39	20.059	
10,700.0	10,679.2	10,727.0	10,678.8	18.2	22.5	89.97	217.8	528.6	770.1	731.5	38.51	19.996	
10,800.0	10,779.2	10,827.0	10,778.8	18.3	22.6	89.97	217.8	528.6	770.1	731.4	38.63	19.932	
10,900.0	10,879.2	10,927.0	10,878.8	18.4	22.6	89.97	217.8	528.6	770.1	731.3	38.76	19.869	
11,000.0	10,979.2	11,027.0	10,978.8	18.4	22.7	89.97	217.8	528.6	770.1	731.2	38.88	19.806	
11,100.0	11,079.2	11,127.0	11,078.8	18.5	22.7	89.97	217.8	528.6	770.1	731.1	39.00	19.743	
11,200.0	11,179.2	11,227.0	11,178.8	18.6	22.8	89.97	217.8	528.6	770.1	730.9	39.13	19.681	
11,300.0	11,279.2	11,327.0	11,278.8	18.7	22.9	89.97	217.8	528.6	770.1	730.8	39.25	19.619	
11,400.0	11,379.2	11,427.0	11,378.8	18.7	22.9	89.97	217.8	528.6	770.1	730.7	39.38	19.557	
11,500.0	11,479.2	11,527.0	11,478.8	18.8	23.0	89.97	217.8	528.6	770.1	730.6	39.50	19.495	
11,600.0	11,579.2	11,627.0	11,578.8	18.9	23.0	89.97	217.8	528.6	770.1	730.4	39.63	19.434	
11,700.0	11,679.2	11,727.0	11,678.8	18.9	23.1	89.97	217.8	528.6	770.1	730.3	39.75	19.372	
11,800.0	11,779.2	11,827.0	11,778.8	19.0	23.1	89.97	217.8	528.6	770.1	730.2	39.87	19.312	
11,862.8	11,842.0	11,889.8	11,841.6	19.0	23.1	89.97	217.8	528.6	770.1	730.1	39.93	19.285	
11,900.0	11,879.2	11,926.7	11,878.5	19.0	23.2	-89.63	216.6	528.7	770.1	730.1	39.94	19.279	
11,950.0	11,928.9	11,976.2	11,927.8	19.1	23.2	-89.63	211.3	528.7	770.1	730.1	39.96	19.272	
12,000.0	11,977.9	12,025.8	11,976.4	19.1	23.2	-89.64	201.8	528.8	770.1	730.1	39.97	19.267	
12,050.0	12,025.9	12,075.4	12,024.1	19.2	23.2	-89.65	188.1	528.9	770.1	730.1	39.97	19.263	
12,100.0	12,072.5	12,125.0	12,070.3	19.2	23.2	-89.67	170.3	529.0	770.1	730.1	39.98	19.260	
12,150.0	12,117.4	12,174.6	12,114.9	19.2	23.2	-89.69	148.6	529.1	770.1	730.1	39.99	19.256	
12,200.0	12,160.1	12,224.3	12,157.5	19.3	23.2	-89.70	123.1	529.3	770.0	730.1	40.00	19.252	
12,250.0	12,200.4	12,273.9	12,197.7	19.3	23.3	-89.73	94.0	529.5	770.0	730.0	40.01	19.245	
12,300.0	12,238.0	12,323.6	12,235.3	19.4	23.3	-89.75	61.5	529.7	770.0	730.0	40.03	19.237	
12,350.0	12,272.6	12,373.4	12,269.9	19.4	23.3	-89.77	25.8	530.0	770.0	730.0	40.06	19.225	
12,400.0	12,303.9	12,423.1	12,301.4	19.5	23.3	-89.80	-12.7	530.3	770.0	730.0	40.09	19.209	
12,450.0	12,331.7	12,472.9	12,329.4	19.5	23.4	-89.83	-53.9	530.6	770.0	729.9	40.13	19.188	
12,500.0	12,355.8	12,522.7	12,353.7	19.6	23.4	-89.86	-97.3	530.9	770.0	729.9	40.19	19.161	
12,550.0	12,375.9	12,572.6	12,374.2	19.6	23.5	-89.89	-142.8	531.2	770.0	729.8	40.26	19.128	
12,600.0	12,392.0	12,622.4	12,390.6	19.7	23.5	-89.92	-189.8	531.5	770.0	729.7	40.34	19.089	
12,650.0	12,403.9	12,672.4	12,402.9	19.7	23.6	-89.95	-238.2	531.9	770.0	729.6	40.44	19.044	
12,700.0	12,411.6	12,722.3	12,411.0	19.8	23.6	-89.99	-287.5	532.2	770.0	729.5	40.55	18.992	
12,737.1	12,414.4	12,759.4	12,414.2	19.8	23.7	-90.01	-324.4	532.5	770.0	729.4	40.64	18.949	
12,750.0	12,414.9	12,772.3	12,414.7	19.8	23.7	-90.02	-337.3	532.6	770.0	729.4	40.67	18.934	
12,762.8	12,415.0	12,785.1	12,415.0	19.8	23.7	-90.03	-350.2	532.6	770.0	729.3	40.70	18.918	
12,800.0	12,415.0	12,822.3	12,415.0	19.9	23.7	-90.03	-387.4	532.9	770.0	729.2	40.81	18.868	
12,900.0	12,415.0	12,922.3	12,415.0	20.0	23.9	-90.03	-487.3	533.6	770.0	728.9	41.15	18.712	
13,000.0	12,415.0	13,022.3	12,415.0	20.1	24.1	-90.03	-587.3	534.3	770.0	728.5	41.55	18.534	
13,100.0	12,415.0	13,122.3	12,415.0	20.3	24.3	-90.03	-687.3	535.0	770.0	728.0	41.99	18.338	
13,200.0	12,415.0	13,222.3	12,415.0	20.4	24.5	-90.03	-787.3	535.7	770.0	727.6	42.49	18.124	
13,300.0	12,415.0	13,322.3	12,415.0	20.6	24.7	-90.03	-887.3	536.4	770.0	727.0	43.03	17.896	
13,400.0	12,415.0	13,422.3	12,415.0	20.8	25.0	-90.03	-987.3	537.1	770.0	726.4	43.62	17.654	
13,500.0	12,415.0	13,522.3	12,415.0	21.1	25.2	-90.03	-1,087.3	537.8	770.0	725.8	44.25	17.401	
13,600.0	12,415.0	13,622.3	12,415.0	21.3	25.5	-90.03	-1,187.3	538.5	770.0	725.1	44.93	17.140	
13,700.0	12,415.0	13,722.3	12,415.0	21.6	25.8	-90.03	-1,287.3	539.2	770.0	724.4	45.64	16.871	

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 MEAT LOVER FED COM #606H - Slot MEAT LOVER FED COM #606H
Project:	BULLDOG PROSPECT (DBE)	**TVD Reference:**	*KB=30' @ 3747.9usft (TBD)
Reference Site:	MEAT LOVER FED COM PROJECT	**MD Reference:**	*KB=30' @ 3747.9usft (TBD)
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	MEAT LOVER FED COM #606H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 17 Central Planning Prod
Reference Design:	PWP2	**Offset TVD Reference:**	Offset Datum

Offset Design: MEAT LOVER FED COM PROJECT - MEAT LOVER FED COM #607H - OWB - PWP2

Offset Site Error: 0.0 usft

Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1+MS, 11890-r.5 MWD+IFR1+MS

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
13,800.0	12,415.0	13,822.3	12,415.0	22.0	26.2	-90.03	-1,387.3	539.9	770.0	723.6	46.40	16.596	
13,900.0	12,415.0	13,922.3	12,415.0	22.3	26.5	-90.03	-1,487.3	540.6	770.0	722.8	47.19	16.318	
14,000.0	12,415.0	14,022.3	12,415.0	22.7	26.9	-90.03	-1,587.3	541.3	770.0	722.0	48.02	16.037	
14,100.0	12,415.0	14,122.3	12,415.0	23.1	27.2	-90.03	-1,687.3	542.1	770.0	721.2	48.87	15.755	
14,200.0	12,415.0	14,222.3	12,415.0	23.5	27.6	-90.03	-1,787.3	542.8	770.0	720.3	49.76	15.473	
14,300.0	12,415.0	14,322.3	12,415.0	24.0	28.0	-90.03	-1,887.3	543.5	770.0	719.4	50.69	15.193	
14,400.0	12,415.0	14,422.3	12,415.0	24.5	28.4	-90.03	-1,987.3	544.2	770.0	718.4	51.63	14.914	
14,500.0	12,415.0	14,522.3	12,415.0	24.9	28.9	-90.03	-2,087.3	544.9	770.0	717.4	52.61	14.637	
14,600.0	12,415.0	14,622.3	12,415.0	25.4	29.3	-90.03	-2,187.3	545.6	770.0	716.4	53.61	14.364	
14,700.0	12,415.0	14,722.3	12,415.0	26.0	29.8	-90.03	-2,287.3	546.3	770.0	715.4	54.63	14.095	
14,800.0	12,415.0	14,822.3	12,415.0	26.5	30.3	-90.03	-2,387.3	547.0	770.0	714.4	55.68	13.830	
14,900.0	12,415.0	14,922.3	12,415.0	27.1	30.8	-90.03	-2,487.3	547.7	770.0	713.3	56.74	13.570	
15,000.0	12,415.0	15,022.3	12,415.0	27.6	31.3	-90.03	-2,587.3	548.4	770.0	712.2	57.83	13.315	
15,100.0	12,415.0	15,122.3	12,415.0	28.2	31.8	-90.03	-2,687.3	549.1	770.0	711.1	58.94	13.065	
15,200.0	12,415.0	15,222.3	12,415.0	28.8	32.3	-90.03	-2,787.3	549.8	770.0	710.0	60.06	12.821	
15,300.0	12,415.0	15,322.3	12,415.0	29.4	32.8	-90.03	-2,887.3	550.5	770.0	708.8	61.20	12.582	
15,400.0	12,415.0	15,422.3	12,415.0	30.0	33.4	-90.03	-2,987.3	551.2	770.0	707.7	62.36	12.349	
15,500.0	12,415.0	15,522.3	12,415.0	30.6	33.9	-90.03	-3,087.3	551.9	770.0	706.5	63.53	12.121	
15,600.0	12,415.0	15,622.3	12,415.0	31.2	34.5	-90.03	-3,187.3	552.6	770.0	705.3	64.71	11.899	
15,700.0	12,415.0	15,722.3	12,415.0	31.8	35.0	-90.03	-3,287.3	553.3	770.0	704.1	65.91	11.682	
15,800.0	12,415.0	15,822.3	12,415.0	32.4	35.6	-90.03	-3,387.3	554.0	770.0	702.9	67.13	11.472	
15,900.0	12,415.0	15,922.3	12,415.0	33.1	36.2	-90.03	-3,487.3	554.7	770.0	701.7	68.35	11.266	
16,000.0	12,415.0	16,022.3	12,415.0	33.7	36.8	-90.03	-3,587.3	555.4	770.0	700.4	69.58	11.066	
16,100.0	12,415.0	16,122.3	12,415.0	34.4	37.4	-90.03	-3,687.3	556.1	770.0	699.2	70.83	10.872	
16,200.0	12,415.0	16,222.3	12,415.0	35.0	38.0	-90.03	-3,787.3	556.8	770.0	697.9	72.08	10.682	
16,300.0	12,415.0	16,322.3	12,415.0	35.7	38.6	-90.03	-3,887.3	557.5	770.0	696.7	73.35	10.498	
16,400.0	12,415.0	16,422.3	12,415.0	36.4	39.2	-90.03	-3,987.3	558.2	770.0	695.4	74.63	10.319	
16,500.0	12,415.0	16,522.3	12,415.0	37.0	39.8	-90.03	-4,087.3	558.9	770.0	694.1	75.91	10.144	
16,600.0	12,415.0	16,622.3	12,415.0	37.7	40.4	-90.03	-4,187.3	559.6	770.0	692.8	77.20	9.974	
16,700.0	12,415.0	16,722.3	12,415.0	38.4	41.1	-90.03	-4,287.3	560.4	770.0	691.5	78.50	9.809	
16,800.0	12,415.0	16,822.3	12,415.0	39.0	41.7	-90.03	-4,387.3	561.1	770.0	690.2	79.81	9.649	
16,900.0	12,415.0	16,922.3	12,415.0	39.7	42.3	-90.03	-4,487.3	561.8	770.0	688.9	81.12	9.492	
17,000.0	12,415.0	17,022.3	12,415.0	40.4	43.0	-90.03	-4,587.2	562.5	770.0	687.6	82.44	9.340	
17,100.0	12,415.0	17,122.3	12,415.0	41.1	43.6	-90.03	-4,687.2	563.2	770.0	686.3	83.77	9.192	
17,200.0	12,415.0	17,222.3	12,415.0	41.8	44.3	-90.03	-4,787.2	563.9	770.0	684.9	85.10	9.048	
17,300.0	12,415.0	17,322.3	12,415.0	42.5	44.9	-90.03	-4,887.2	564.6	770.0	683.6	86.44	8.908	
17,400.0	12,415.0	17,422.3	12,415.0	43.2	45.6	-90.03	-4,987.2	565.3	770.0	682.2	87.79	8.772	
17,500.0	12,415.0	17,522.3	12,415.0	43.9	46.2	-90.03	-5,087.2	566.0	770.0	680.9	89.14	8.639	
17,600.0	12,415.0	17,622.3	12,415.0	44.6	46.9	-90.03	-5,187.2	566.7	770.0	679.5	90.49	8.509	
17,700.0	12,415.0	17,722.3	12,415.0	45.3	47.6	-90.03	-5,287.2	567.4	770.0	678.2	91.85	8.383	
17,800.0	12,415.0	17,822.3	12,415.0	46.0	48.2	-90.03	-5,387.2	568.1	770.0	676.8	93.22	8.261	
17,900.0	12,415.0	17,922.3	12,415.0	46.7	48.9	-90.03	-5,487.2	568.8	770.0	675.4	94.59	8.141	
18,000.0	12,415.0	18,022.3	12,415.0	47.4	49.6	-90.03	-5,587.2	569.5	770.0	674.1	95.96	8.024	
18,100.0	12,415.0	18,122.3	12,415.0	48.1	50.3	-90.03	-5,687.2	570.2	770.0	672.7	97.34	7.911	
18,200.0	12,415.0	18,222.3	12,415.0	48.8	51.0	-90.03	-5,787.2	570.9	770.0	671.3	98.72	7.800	
18,300.0	12,415.0	18,322.3	12,415.0	49.5	51.6	-90.03	-5,887.2	571.6	770.0	669.9	100.10	7.692	
18,400.0	12,415.0	18,422.3	12,415.0	50.3	52.3	-90.03	-5,987.2	572.3	770.0	668.5	101.49	7.587	
18,500.0	12,415.0	18,522.3	12,415.0	51.0	53.0	-90.03	-6,087.2	573.0	770.0	667.1	102.89	7.484	
18,600.0	12,415.0	18,622.3	12,415.0	51.7	53.7	-90.03	-6,187.2	573.7	770.0	665.7	104.28	7.384	
18,700.0	12,415.0	18,722.3	12,415.0	52.4	54.4	-90.03	-6,287.2	574.4	770.0	664.3	105.68	7.286	
18,800.0	12,415.0	18,822.3	12,415.0	53.1	55.1	-90.03	-6,387.2	575.1	770.0	662.9	107.08	7.191	

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 MEAT LOVER FED COM #606H - Slot MEAT LOVER FED COM #606H
Project:	BULLDOG PROSPECT (DBE)	**TVD Reference:**	*KB=30' @ 3747.9usft (TBD)
Reference Site:	MEAT LOVER FED COM PROJECT	**MD Reference:**	*KB=30' @ 3747.9usft (TBD)
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	MEAT LOVER FED COM #606H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 17 Central Planning Prod
Reference Design:	PWP2	**Offset TVD Reference:**	Offset Datum

Offset Design: MEAT LOVER FED COM PROJECT - MEAT LOVER FED COM #607H - OWB - PWP2

Offset Site Error: 0.0 usft

Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1+MS, 11890-r.5 MWD+IFR1+MS

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
18,900.0	12,415.0	18,922.3	12,415.0	53.9	55.8	-90.03	-6,487.2	575.8	770.0	661.5	108.49	7.098	
19,000.0	12,415.0	19,022.3	12,415.0	54.6	56.5	-90.03	-6,587.2	576.5	770.0	660.1	109.89	7.007	
19,100.0	12,415.0	19,122.3	12,415.0	55.3	57.2	-90.03	-6,687.2	577.2	770.0	658.7	111.31	6.918	
19,200.0	12,415.0	19,222.3	12,415.0	56.0	57.9	-90.03	-6,787.2	577.9	770.0	657.3	112.72	6.831	
19,300.0	12,415.0	19,322.3	12,415.0	56.8	58.6	-90.03	-6,887.2	578.6	770.0	655.9	114.13	6.747	
19,400.0	12,415.0	19,422.3	12,415.0	57.5	59.3	-90.03	-6,987.2	579.4	770.0	654.5	115.55	6.664	
19,500.0	12,415.0	19,522.3	12,415.0	58.2	60.0	-90.03	-7,087.2	580.1	770.0	653.1	116.97	6.583	
19,600.0	12,415.0	19,622.3	12,415.0	59.0	60.7	-90.03	-7,187.2	580.8	770.0	651.6	118.39	6.504	
19,700.0	12,415.0	19,722.3	12,415.0	59.7	61.4	-90.03	-7,287.2	581.5	770.0	650.2	119.82	6.427	
19,800.0	12,415.0	19,822.3	12,415.0	60.4	62.1	-90.03	-7,387.2	582.2	770.0	648.8	121.25	6.351	
19,900.0	12,415.0	19,922.3	12,415.0	61.2	62.8	-90.03	-7,487.2	582.9	770.0	647.4	122.67	6.277	
20,000.0	12,415.0	20,022.3	12,415.0	61.9	63.6	-90.03	-7,587.2	583.6	770.0	645.9	124.10	6.205	
20,100.0	12,415.0	20,122.3	12,415.0	62.6	64.3	-90.03	-7,687.2	584.3	770.0	644.5	125.54	6.134	
20,200.0	12,415.0	20,222.3	12,415.0	63.4	65.0	-90.03	-7,787.2	585.0	770.0	643.1	126.97	6.065	
20,300.0	12,415.0	20,322.3	12,415.0	64.1	65.7	-90.03	-7,887.2	585.7	770.0	641.6	128.41	5.997	
20,400.0	12,415.0	20,422.3	12,415.0	64.8	66.4	-90.03	-7,987.2	586.4	770.0	640.2	129.85	5.930	
20,500.0	12,415.0	20,522.3	12,415.0	65.6	67.1	-90.03	-8,087.2	587.1	770.0	638.7	131.28	5.865	
20,600.0	12,415.0	20,622.3	12,415.0	66.3	67.9	-90.03	-8,187.2	587.8	770.0	637.3	132.73	5.802	
20,700.0	12,415.0	20,722.3	12,415.0	67.0	68.6	-90.03	-8,287.2	588.5	770.0	635.9	134.17	5.739	
20,800.0	12,415.0	20,822.3	12,415.0	67.8	69.3	-90.03	-8,387.2	589.2	770.0	634.4	135.61	5.678	
20,900.0	12,415.0	20,922.3	12,415.0	68.5	70.0	-90.03	-8,487.2	589.9	770.0	633.0	137.06	5.618	
21,000.0	12,415.0	21,022.3	12,415.0	69.3	70.8	-90.03	-8,587.1	590.6	770.0	631.5	138.50	5.560	
21,100.0	12,415.0	21,122.3	12,415.0	70.0	71.5	-90.03	-8,687.1	591.3	770.0	630.1	139.95	5.502	
21,200.0	12,415.0	21,222.3	12,415.0	70.7	72.2	-90.03	-8,787.1	592.0	770.0	628.6	141.40	5.446	
21,300.0	12,415.0	21,322.3	12,415.0	71.5	72.9	-90.03	-8,887.1	592.7	770.0	627.2	142.85	5.390	
21,400.0	12,415.0	21,422.3	12,415.0	72.2	73.7	-90.03	-8,987.1	593.4	770.0	625.7	144.31	5.336	
21,500.0	12,415.0	21,522.3	12,415.0	73.0	74.4	-90.03	-9,087.1	594.1	770.0	624.3	145.76	5.283	
21,600.0	12,415.0	21,622.3	12,415.0	73.7	75.1	-90.03	-9,187.1	594.8	770.0	622.8	147.21	5.231	
21,700.0	12,415.0	21,722.3	12,415.0	74.5	75.8	-90.03	-9,287.1	595.5	770.0	621.4	148.67	5.179	
21,800.0	12,415.0	21,822.3	12,415.0	75.2	76.6	-90.03	-9,387.1	596.2	770.0	619.9	150.12	5.129	
21,900.0	12,415.0	21,922.3	12,415.0	75.9	77.3	-90.03	-9,487.1	596.9	770.0	618.4	151.58	5.080	
22,000.0	12,415.0	22,022.3	12,415.0	76.7	78.0	-90.03	-9,587.1	597.7	770.0	617.0	153.04	5.031	
22,100.0	12,415.0	22,122.3	12,415.0	77.4	78.8	-90.03	-9,687.1	598.4	770.0	615.5	154.50	4.984	
22,200.0	12,415.0	22,222.3	12,415.0	78.2	79.5	-90.03	-9,787.1	599.1	770.0	614.1	155.96	4.937	
22,300.0	12,415.0	22,322.3	12,415.0	78.9	80.2	-90.03	-9,887.1	599.8	770.0	612.6	157.42	4.891	
22,400.0	12,415.0	22,422.3	12,415.0	79.7	81.0	-90.03	-9,987.1	600.5	770.0	611.1	158.89	4.846	
22,500.0	12,415.0	22,522.3	12,415.0	80.4	81.7	-90.03	-10,087.1	601.2	770.0	609.7	160.35	4.802	
22,600.0	12,415.0	22,622.3	12,415.0	81.2	82.4	-90.03	-10,187.1	601.9	770.0	608.2	161.81	4.759	
22,700.0	12,415.0	22,722.3	12,415.0	81.9	83.2	-90.03	-10,287.1	602.6	770.0	606.7	163.28	4.716	
22,800.0	12,415.0	22,822.3	12,415.0	82.7	83.9	-90.03	-10,387.1	603.3	770.0	605.3	164.74	4.674	
22,900.0	12,415.0	22,922.3	12,415.0	83.4	84.7	-90.03	-10,487.1	604.0	770.0	603.8	166.21	4.633	
23,000.0	12,415.0	23,022.3	12,415.0	84.2	85.4	-90.03	-10,587.1	604.7	770.0	602.3	167.68	4.592	
23,100.0	12,415.0	23,122.3	12,415.0	84.9	86.1	-90.03	-10,687.1	605.4	770.0	600.9	169.15	4.552	
23,200.0	12,415.0	23,222.3	12,415.0	85.7	86.9	-90.03	-10,787.1	606.1	770.0	599.4	170.62	4.513	
23,300.0	12,415.0	23,322.3	12,415.0	86.4	87.6	-90.03	-10,887.1	606.8	770.0	597.9	172.08	4.475	
23,400.0	12,415.0	23,422.3	12,415.0	87.2	88.3	-90.03	-10,987.1	607.5	770.0	596.5	173.56	4.437	
23,500.0	12,415.0	23,522.3	12,415.0	87.9	89.1	-90.03	-11,087.1	608.2	770.0	595.0	175.03	4.399	
23,600.0	12,415.0	23,622.3	12,415.0	88.7	89.8	-90.03	-11,187.1	608.9	770.0	593.5	176.50	4.363	
23,700.0	12,415.0	23,722.3	12,415.0	89.4	90.6	-90.03	-11,287.1	609.6	770.0	592.0	177.97	4.327	
23,800.0	12,415.0	23,822.3	12,415.0	90.2	91.3	-90.03	-11,387.1	610.3	770.0	590.6	179.44	4.291	
23,900.0	12,415.0	23,922.3	12,415.0	90.9	92.1	-90.03	-11,487.1	611.0	770.0	589.1	180.92	4.256	

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 MEAT LOVER FED COM #606H - Slot MEAT LOVER FED COM #606H
Project:	BULLDOG PROSPECT (DBE)	**TVD Reference:**	*KB=30' @ 3747.9usft (TBD)
Reference Site:	MEAT LOVER FED COM PROJECT	**MD Reference:**	*KB=30' @ 3747.9usft (TBD)
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	MEAT LOVER FED COM #606H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 17 Central Planning Prod
Reference Design:	PWP2	**Offset TVD Reference:**	Offset Datum

Offset Design: MEAT LOVER FED COM PROJECT - MEAT LOVER FED COM #607H - OWB - PWP2 — **Offset Site Error:** 0.0 usft

Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1+MS, 11890-r.5 MWD+IFR1+MS — **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
24,000.0	12,415.0	24,022.3	12,415.0	91.7	92.8	-90.03	-11,587.1	611.7	770.0	587.6	182.39	4.222	
24,100.0	12,415.0	24,122.3	12,415.0	92.4	93.5	-90.03	-11,687.1	612.4	770.0	586.2	183.87	4.188	
24,200.0	12,415.0	24,222.3	12,415.0	93.2	94.3	-90.03	-11,787.1	613.1	770.0	584.7	185.34	4.155	
24,300.0	12,415.0	24,322.3	12,415.0	93.9	95.0	-90.03	-11,887.1	613.8	770.0	583.2	186.82	4.122	
24,400.0	12,415.0	24,422.3	12,415.0	94.7	95.8	-90.03	-11,987.1	614.5	770.0	581.7	188.29	4.089	
24,500.0	12,415.0	24,522.3	12,415.0	95.4	96.5	-90.03	-12,087.1	615.2	770.0	580.2	189.77	4.058	
24,600.0	12,415.0	24,622.3	12,415.0	96.2	97.3	-90.03	-12,187.1	615.9	770.0	578.8	191.25	4.026	
24,700.0	12,415.0	24,722.3	12,415.0	96.9	98.0	-90.03	-12,287.1	616.7	770.0	577.3	192.73	3.995	
24,800.0	12,415.0	24,822.3	12,415.0	97.7	98.7	-90.03	-12,387.1	617.4	770.0	575.8	194.21	3.965	
24,900.0	12,415.0	24,922.3	12,415.0	98.4	99.5	-90.03	-12,487.1	618.1	770.0	574.3	195.68	3.935	
25,000.0	12,415.0	25,022.3	12,415.0	99.2	100.2	-90.03	-12,587.0	618.8	770.0	572.9	197.16	3.905	
25,100.0	12,415.0	25,122.3	12,415.0	99.9	101.0	-90.03	-12,687.0	619.5	770.0	571.4	198.64	3.876	
25,200.0	12,415.0	25,222.3	12,415.0	100.7	101.7	-90.03	-12,787.0	620.2	770.0	569.9	200.13	3.848	
25,300.0	12,415.0	25,322.3	12,415.0	101.5	102.5	-90.03	-12,887.0	620.9	770.0	568.4	201.61	3.819	
25,400.0	12,415.0	25,422.3	12,415.0	102.2	103.2	-90.03	-12,987.0	621.6	770.0	566.9	203.09	3.792	
25,500.0	12,415.0	25,522.3	12,415.0	103.0	104.0	-90.03	-13,087.0	622.3	770.0	565.4	204.57	3.764	
25,600.0	12,415.0	25,622.3	12,415.0	103.7	104.7	-90.03	-13,187.0	623.0	770.0	564.0	206.05	3.737	
25,700.0	12,415.0	25,722.3	12,415.0	104.5	105.5	-90.03	-13,287.0	623.7	770.0	562.5	207.53	3.710	
25,800.0	12,415.0	25,822.3	12,415.0	105.2	106.2	-90.03	-13,387.0	624.4	770.0	561.0	209.02	3.684	
25,900.0	12,415.0	25,922.3	12,415.0	106.0	107.0	-90.03	-13,487.0	625.1	770.0	559.5	210.50	3.658	
26,000.0	12,415.0	26,022.3	12,415.0	106.7	107.7	-90.03	-13,587.0	625.8	770.0	558.0	211.98	3.632	
26,100.0	12,415.0	26,122.3	12,415.0	107.5	108.5	-90.03	-13,687.0	626.5	770.0	556.5	213.47	3.607	
26,200.0	12,415.0	26,222.3	12,415.0	108.3	109.2	-90.03	-13,787.0	627.2	770.0	555.1	214.95	3.582	
26,300.0	12,415.0	26,322.3	12,415.0	109.0	110.0	-90.03	-13,887.0	627.9	770.0	553.6	216.44	3.558	
26,400.0	12,415.0	26,422.3	12,415.0	109.8	110.7	-90.03	-13,987.0	628.6	770.0	552.1	217.92	3.533	
26,500.0	12,415.0	26,522.3	12,415.0	110.5	111.5	-90.03	-14,087.0	629.3	770.0	550.6	219.41	3.509	
26,600.0	12,415.0	26,622.3	12,415.0	111.3	112.2	-90.03	-14,187.0	630.0	770.0	549.1	220.89	3.486	
26,700.0	12,415.0	26,722.3	12,415.0	112.0	112.9	-90.03	-14,287.0	630.7	770.0	547.6	222.38	3.463	
26,800.0	12,415.0	26,822.3	12,415.0	112.8	113.7	-90.03	-14,387.0	631.4	770.0	546.1	223.87	3.440	
26,900.0	12,415.0	26,922.3	12,415.0	113.5	114.5	-90.03	-14,487.0	632.1	770.0	544.7	225.35	3.417	
27,000.0	12,415.0	27,022.3	12,415.0	114.3	115.2	-90.03	-14,587.0	632.8	770.0	543.2	226.84	3.394	
27,100.0	12,415.0	27,122.3	12,415.0	115.1	116.0	-90.03	-14,687.0	633.5	770.0	541.7	228.33	3.372	
27,200.0	12,415.0	27,222.3	12,415.0	115.8	116.7	-90.03	-14,787.0	634.2	770.0	540.2	229.82	3.351	
27,300.0	12,415.0	27,322.3	12,415.0	116.6	117.5	-90.03	-14,887.0	635.0	770.0	538.7	231.31	3.329	
27,400.0	12,415.0	27,422.3	12,415.0	117.3	118.2	-90.03	-14,987.0	635.7	770.0	537.2	232.79	3.308	
27,500.0	12,415.0	27,522.3	12,415.0	118.1	119.0	-90.03	-15,087.0	636.4	770.0	535.7	234.28	3.287	
27,600.0	12,415.0	27,622.3	12,415.0	118.8	119.7	-90.03	-15,187.0	637.1	770.0	534.2	235.77	3.266	
27,700.0	12,415.0	27,722.3	12,415.0	119.6	120.5	-90.03	-15,287.0	637.8	770.0	532.8	237.26	3.245	
27,800.0	12,415.0	27,822.3	12,415.0	120.4	121.2	-90.03	-15,387.0	638.5	770.0	531.3	238.75	3.225	
27,900.0	12,415.0	27,922.3	12,415.0	121.1	122.0	-90.03	-15,487.0	639.2	770.0	529.8	240.24	3.205	
27,931.2	12,415.0	27,953.5	12,415.0	121.4	122.2	-90.03	-15,518.2	639.4	770.0	529.3	240.70	3.199	

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN EAST	**Local Co-ordinate Reference:**	Well MEAT LOVER FED COM #606H - Slot MEAT LOVER FED COM #606H
Project:	BULLDOG PROSPECT (DBE)	**TVD Reference:**	*KB=30' @ 3747.9usft (TBD)
Reference Site:	MEAT LOVER FED COM PROJECT	**MD Reference:**	*KB=30' @ 3747.9usft (TBD)
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	MEAT LOVER FED COM #606H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 17 Central Planning Prod
Reference Design:	PWP2	**Offset TVD Reference:**	Offset Datum

Offset Design: MEAT LOVER FED COM PROJECT - MEAT LOVER FED COM #608H - OWB - PWP2 — **Offset Site Error:** 0.0 usft

Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1+MS, 11958-r.5 MWD+IFR1+MS — **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	-90.38	-0.4	-59.9	59.9				
100.0	100.0	99.5	99.5	3.0	3.0	-90.38	-0.4	-59.9	59.9	53.4	6.52	9.187	
200.0	200.0	199.5	199.5	3.2	3.2	-90.38	-0.4	-59.9	59.9	53.1	6.76	8.862	
300.0	300.0	299.5	299.5	3.3	3.3	-90.38	-0.4	-59.9	59.9	52.9	6.99	8.568	
400.0	400.0	399.5	399.5	3.4	3.4	-90.38	-0.4	-59.9	59.9	52.7	7.21	8.303	
500.0	500.0	499.5	499.5	3.5	3.5	-90.38	-0.4	-59.9	59.9	52.5	7.43	8.062	
600.0	600.0	599.5	599.5	3.7	3.7	-90.38	-0.4	-59.9	59.9	52.3	7.64	7.841	
700.0	700.0	699.5	699.5	3.8	3.8	-90.38	-0.4	-59.9	59.9	52.1	7.84	7.637	
800.0	800.0	799.5	799.5	3.9	3.9	-90.38	-0.4	-59.9	59.9	51.9	8.04	7.449	
900.0	900.0	899.5	899.5	4.0	4.0	-90.38	-0.4	-59.9	59.9	51.7	8.23	7.275	
1,000.0	1,000.0	999.5	999.5	4.2	4.2	-90.38	-0.4	-59.9	59.9	51.5	8.42	7.112	
1,100.0	1,100.0	1,099.5	1,099.5	4.3	4.3	-90.38	-0.4	-59.9	59.9	51.3	8.61	6.960	
1,200.0	1,200.0	1,199.5	1,199.5	4.4	4.4	-90.38	-0.4	-59.9	59.9	51.1	8.79	6.818	
1,300.0	1,300.0	1,299.5	1,299.5	4.5	4.5	-90.38	-0.4	-59.9	59.9	50.9	8.96	6.684	
1,400.0	1,400.0	1,399.5	1,399.5	4.6	4.6	-90.38	-0.4	-59.9	59.9	50.8	9.13	6.558	
1,500.0	1,500.0	1,499.5	1,499.5	4.8	4.8	-90.38	-0.4	-59.9	59.9	50.6	9.30	6.439	CC, ES
1,600.0	1,600.0	1,597.5	1,597.5	4.9	4.9	-43.11	0.0	-61.5	60.3	50.6	9.62	6.265	
1,700.0	1,699.8	1,695.5	1,695.3	5.1	5.0	-45.22	1.1	-66.4	61.4	51.4	10.08	6.096	
1,800.0	1,799.5	1,793.3	1,792.8	5.4	5.2	-48.55	3.0	-74.5	63.6	53.1	10.53	6.039	
1,900.0	1,898.7	1,891.1	1,889.9	5.7	5.5	-52.80	5.6	-85.9	67.0	56.0	10.97	6.107	
2,000.0	1,997.7	1,988.7	1,986.3	5.9	5.8	-56.57	9.0	-100.4	72.7	61.4	11.36	6.401	
2,100.0	2,096.8	2,086.0	2,081.9	6.2	6.2	-58.57	13.0	-118.1	81.7	69.9	11.78	6.935	
2,200.0	2,195.8	2,182.7	2,176.3	6.4	6.5	-59.11	17.8	-138.8	93.6	81.4	12.23	7.656	
2,300.0	2,294.8	2,279.6	2,270.1	6.7	6.8	-58.68	23.3	-162.5	108.3	95.7	12.63	8.573	
2,400.0	2,393.8	2,378.4	2,365.5	7.0	7.1	-58.15	29.0	-187.4	123.7	110.6	13.13	9.418	
2,500.0	2,492.9	2,477.2	2,460.9	7.4	7.5	-57.73	34.8	-212.3	139.1	125.4	13.67	10.175	
2,600.0	2,591.9	2,576.0	2,556.4	7.7	7.8	-57.40	40.5	-237.2	154.5	140.3	14.23	10.861	
2,700.0	2,690.9	2,674.8	2,651.8	8.0	8.2	-57.13	46.3	-262.1	169.9	155.1	14.80	11.482	
2,800.0	2,789.9	2,773.6	2,747.2	8.4	8.6	-56.91	52.0	-287.1	185.3	169.9	15.39	12.045	
2,900.0	2,889.0	2,872.4	2,842.7	8.7	9.0	-56.72	57.8	-312.0	200.7	184.7	15.99	12.556	
3,000.0	2,988.0	2,971.2	2,938.1	9.1	9.4	-56.56	63.5	-336.9	216.1	199.5	16.60	13.021	
3,100.0	3,087.0	3,070.0	3,033.6	9.5	9.8	-56.41	69.3	-361.8	231.6	214.3	17.22	13.444	
3,200.0	3,186.1	3,168.8	3,129.0	9.8	10.2	-56.29	75.1	-386.7	247.0	229.1	17.86	13.830	
3,300.0	3,285.1	3,267.6	3,224.4	10.2	10.6	-56.18	80.8	-411.6	262.4	243.9	18.50	14.183	
3,400.0	3,384.1	3,366.4	3,319.9	10.6	11.1	-56.08	86.6	-436.6	277.8	258.7	19.15	14.507	
3,500.0	3,483.1	3,465.2	3,415.3	11.0	11.5	-56.00	92.3	-461.5	293.2	273.4	19.81	14.804	
3,600.0	3,582.2	3,564.1	3,510.7	11.4	12.0	-55.92	98.1	-486.4	308.7	288.2	20.47	15.077	
3,633.2	3,615.0	3,596.8	3,542.4	11.5	12.1	-55.89	100.0	-494.7	313.8	293.1	20.68	15.175	
3,700.0	3,681.2	3,662.8	3,606.1	11.7	12.4	-55.88	103.8	-511.3	324.3	303.2	21.11	15.361	
3,800.0	3,780.5	3,761.4	3,701.4	12.1	12.8	-55.67	109.6	-536.2	340.9	319.0	21.82	15.623	
3,900.0	3,880.0	3,859.8	3,796.4	12.5	13.3	-55.27	115.3	-561.0	358.4	335.9	22.55	15.893	
4,000.0	3,979.7	3,958.0	3,891.2	12.9	13.7	-54.70	121.0	-585.7	377.0	353.7	23.31	16.172	
4,100.0	4,079.4	4,055.8	3,985.8	13.2	14.2	-54.01	126.7	-610.4	396.6	372.5	24.09	16.462	
4,200.0	4,179.3	4,153.4	4,080.0	13.5	14.7	-53.21	132.4	-635.0	417.3	392.4	24.89	16.766	
4,300.0	4,279.2	4,250.7	4,174.0	13.8	15.1	-52.32	138.0	-659.6	439.2	413.5	25.70	17.088	
4,400.0	4,379.2	4,347.6	4,267.6	14.1	15.6	-51.38	143.7	-684.0	462.3	435.8	26.51	17.437	
4,433.2	4,412.4	4,379.7	4,298.6	14.1	15.7	-99.05	145.6	-692.1	470.2	443.5	26.76	17.574	
4,500.0	4,479.2	4,444.2	4,360.9	14.1	16.0	-98.29	149.3	-708.4	486.4	459.1	27.24	17.858	
4,600.0	4,579.2	4,540.8	4,454.2	14.2	16.5	-97.24	154.9	-732.7	510.7	482.7	27.96	18.263	
4,700.0	4,679.2	4,637.4	4,547.5	14.3	16.9	-96.29	160.6	-757.1	535.1	506.5	28.68	18.659	
4,800.0	4,779.2	4,734.0	4,640.8	14.3	17.4	-95.41	166.2	-781.4	559.7	530.3	29.39	19.045	

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 MEAT LOVER FED COM #606H - Slot MEAT LOVER FED COM #606H
Project:	BULLDOG PROSPECT (DBE)	**TVD Reference:**	*KB=30' @ 3747.9usft (TBD)
Reference Site:	MEAT LOVER FED COM PROJECT	**MD Reference:**	*KB=30' @ 3747.9usft (TBD)
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	MEAT LOVER FED COM #606H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 17 Central Planning Prod
Reference Design:	PWP2	**Offset TVD Reference:**	Offset Datum

Offset Design: MEAT LOVER FED COM PROJECT - MEAT LOVER FED COM #608H - OWB - PWP2 — **Offset Site Error:** 0.0 usft

Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1+MS, 11958-r.5 MWD+IFR1+MS — **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
4,900.0	4,879.2	4,830.6	4,734.1	14.4	17.8	-94.62	171.8	-805.8	584.4	554.3	30.09	19.423	
5,000.0	4,979.2	4,931.2	4,831.4	14.5	18.3	-93.85	177.6	-831.1	609.1	578.3	30.82	19.763	
5,100.0	5,079.2	5,039.5	4,936.4	14.5	18.9	-93.15	183.6	-856.7	632.4	600.8	31.61	20.010	
5,200.0	5,179.2	5,148.8	5,042.9	14.6	19.4	-92.53	189.1	-880.6	654.1	621.7	32.34	20.222	
5,300.0	5,279.2	5,259.0	5,150.7	14.6	19.9	-92.01	194.2	-902.7	674.0	640.9	33.06	20.387	
5,400.0	5,379.2	5,370.1	5,259.8	14.7	20.4	-91.56	198.8	-922.9	692.0	658.3	33.75	20.508	
5,500.0	5,479.2	5,481.9	5,370.1	14.8	20.9	-91.17	203.1	-941.2	708.3	673.9	34.41	20.586	
5,600.0	5,579.2	5,594.4	5,481.4	14.8	21.4	-90.84	206.8	-957.5	722.7	687.7	35.04	20.625	
5,700.0	5,679.2	5,707.6	5,593.6	14.9	21.8	-90.57	210.1	-971.7	735.2	699.6	35.64	20.629	
5,800.0	5,779.2	5,821.3	5,706.6	15.0	22.3	-90.35	212.9	-983.8	745.9	709.7	36.21	20.601	
5,900.0	5,879.2	5,935.4	5,820.3	15.0	22.7	-90.17	215.2	-993.7	754.6	717.8	36.73	20.542	
6,000.0	5,979.2	6,050.0	5,934.5	15.1	23.1	-90.03	217.0	-1,001.5	761.4	724.1	37.22	20.458	
6,100.0	6,079.2	6,164.7	6,049.2	15.1	23.5	-89.93	218.3	-1,007.0	766.2	728.5	37.65	20.351	
6,200.0	6,179.2	6,279.7	6,164.1	15.2	23.9	-89.88	219.0	-1,010.3	769.1	731.1	38.01	20.232	
6,300.0	6,279.2	6,394.8	6,279.2	15.3	24.1	-89.86	219.3	-1,011.4	770.0	731.8	38.19	20.164	
6,332.4	6,311.7	6,426.8	6,311.2	15.3	24.1	-89.86	219.3	-1,011.4	770.0	731.8	38.22	20.146	
6,400.0	6,379.2	6,494.4	6,378.7	15.3	24.1	-89.86	219.3	-1,011.4	770.0	731.7	38.30	20.103	
6,500.0	6,479.2	6,594.4	6,478.7	15.4	24.2	-89.86	219.3	-1,011.4	770.0	731.6	38.40	20.054	
6,600.0	6,579.2	6,694.4	6,578.7	15.5	24.2	-89.86	219.3	-1,011.4	770.0	731.5	38.49	20.006	
6,700.0	6,679.2	6,794.4	6,678.7	15.5	24.2	-89.86	219.3	-1,011.4	770.0	731.4	38.58	19.958	
6,800.0	6,779.2	6,894.4	6,778.7	15.6	24.3	-89.86	219.3	-1,011.4	770.0	731.3	38.67	19.910	
6,900.0	6,879.2	6,994.4	6,878.7	15.7	24.3	-89.86	219.3	-1,011.4	770.0	731.2	38.77	19.861	
7,000.0	6,979.2	7,094.4	6,978.7	15.7	24.3	-89.86	219.3	-1,011.4	770.0	731.1	38.86	19.813	
7,100.0	7,079.2	7,194.4	7,078.7	15.8	24.4	-89.86	219.3	-1,011.4	770.0	731.0	38.96	19.765	
7,200.0	7,179.2	7,294.4	7,178.7	15.9	24.4	-89.86	219.3	-1,011.4	770.0	730.9	39.05	19.717	
7,300.0	7,279.2	7,394.4	7,278.7	15.9	24.4	-89.86	219.3	-1,011.4	770.0	730.8	39.15	19.669	
7,400.0	7,379.2	7,494.4	7,378.7	16.0	24.5	-89.86	219.3	-1,011.4	770.0	730.7	39.24	19.621	
7,500.0	7,479.2	7,594.4	7,478.7	16.1	24.5	-89.86	219.3	-1,011.4	770.0	730.7	39.34	19.573	
7,600.0	7,579.2	7,694.4	7,578.7	16.1	24.5	-89.86	219.3	-1,011.4	770.0	730.6	39.44	19.525	
7,700.0	7,679.2	7,794.4	7,678.7	16.2	24.6	-89.86	219.3	-1,011.4	770.0	730.5	39.53	19.477	
7,800.0	7,779.2	7,894.4	7,778.7	16.3	24.6	-89.86	219.3	-1,011.4	770.0	730.4	39.63	19.429	
7,900.0	7,879.2	7,994.4	7,878.7	16.3	24.6	-89.86	219.3	-1,011.4	770.0	730.3	39.73	19.381	
8,000.0	7,979.2	8,094.4	7,978.7	16.4	24.7	-89.86	219.3	-1,011.4	770.0	730.2	39.83	19.333	
8,100.0	8,079.2	8,194.4	8,078.7	16.5	24.7	-89.86	219.3	-1,011.4	770.0	730.1	39.93	19.285	
8,200.0	8,179.2	8,294.4	8,178.7	16.5	24.8	-89.86	219.3	-1,011.4	770.0	730.0	40.03	19.238	
8,300.0	8,279.2	8,394.4	8,278.7	16.6	24.8	-89.86	219.3	-1,011.4	770.0	729.9	40.12	19.190	
8,400.0	8,379.2	8,494.4	8,378.7	16.7	24.8	-89.86	219.3	-1,011.4	770.0	729.8	40.22	19.142	
8,500.0	8,479.2	8,594.4	8,478.7	16.7	24.9	-89.86	219.3	-1,011.4	770.0	729.7	40.33	19.095	
8,600.0	8,579.2	8,694.4	8,578.7	16.8	24.9	-89.86	219.3	-1,011.4	770.0	729.6	40.43	19.047	
8,700.0	8,679.2	8,794.4	8,678.7	16.9	25.0	-89.86	219.3	-1,011.4	770.0	729.5	40.53	18.999	
8,800.0	8,779.2	8,894.4	8,778.7	16.9	25.0	-89.86	219.3	-1,011.4	770.0	729.4	40.63	18.952	
8,900.0	8,879.2	8,994.4	8,878.7	17.0	25.0	-89.86	219.3	-1,011.4	770.0	729.3	40.73	18.904	
9,000.0	8,979.2	9,094.4	8,978.7	17.1	25.1	-89.86	219.3	-1,011.4	770.0	729.2	40.83	18.857	
9,100.0	9,079.2	9,194.4	9,078.7	17.1	25.1	-89.86	219.3	-1,011.4	770.0	729.1	40.94	18.810	
9,200.0	9,179.2	9,294.4	9,178.7	17.2	25.1	-89.86	219.3	-1,011.4	770.0	729.0	41.04	18.762	
9,300.0	9,279.2	9,394.4	9,278.7	17.3	25.2	-89.86	219.3	-1,011.4	770.0	728.8	41.14	18.715	
9,400.0	9,379.2	9,494.4	9,378.7	17.3	25.2	-89.86	219.3	-1,011.4	770.0	728.7	41.25	18.668	
9,500.0	9,479.2	9,594.4	9,478.7	17.4	25.3	-89.86	219.3	-1,011.4	770.0	728.6	41.35	18.621	
9,600.0	9,579.2	9,694.4	9,578.7	17.5	25.3	-89.86	219.3	-1,011.4	770.0	728.5	41.46	18.574	
9,700.0	9,679.2	9,794.4	9,678.7	17.5	25.3	-89.86	219.3	-1,011.4	770.0	728.4	41.56	18.527	
9,800.0	9,779.2	9,894.4	9,778.7	17.6	25.4	-89.86	219.3	-1,011.4	770.0	728.3	41.67	18.480	

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 MEAT LOVER FED COM #606H - Slot MEAT LOVER FED COM #606H
Project:	BULLDOG PROSPECT (DBE)	**TVD Reference:**	*KB=30' @ 3747.9usft (TBD)
Reference Site:	MEAT LOVER FED COM PROJECT	**MD Reference:**	*KB=30' @ 3747.9usft (TBD)
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	MEAT LOVER FED COM #606H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 17 Central Planning Prod
Reference Design:	PWP2	**Offset TVD Reference:**	Offset Datum

Offset Design: MEAT LOVER FED COM PROJECT - MEAT LOVER FED COM #608H - OWB - PWP2

Offset Site Error: 0.0 usft

Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1+MS, 11958-r.5 MWD+IFR1+MS

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	9,879.2	9,994.4	9,878.7	17.7	25.4	-89.86	219.3	-1,011.4	770.0	728.2	41.77	18.434	
10,000.0	9,979.2	10,094.4	9,978.7	17.7	25.5	-89.86	219.3	-1,011.4	770.0	728.1	41.88	18.387	
10,100.0	10,079.2	10,194.4	10,078.7	17.8	25.5	-89.86	219.3	-1,011.4	770.0	728.0	41.98	18.340	
10,200.0	10,179.2	10,294.4	10,178.7	17.9	25.6	-89.86	219.3	-1,011.4	770.0	727.9	42.09	18.294	
10,300.0	10,279.2	10,394.4	10,278.7	18.0	25.6	-89.86	219.3	-1,011.4	770.0	727.8	42.20	18.247	
10,400.0	10,379.2	10,494.4	10,378.7	18.0	25.6	-89.86	219.3	-1,011.4	770.0	727.7	42.31	18.201	
10,500.0	10,479.2	10,594.4	10,478.7	18.1	25.7	-89.86	219.3	-1,011.4	770.0	727.6	42.41	18.155	
10,600.0	10,579.2	10,694.4	10,578.7	18.2	25.7	-89.86	219.3	-1,011.4	770.0	727.5	42.52	18.109	
10,700.0	10,679.2	10,794.4	10,678.7	18.2	25.8	-89.86	219.3	-1,011.4	770.0	727.4	42.63	18.062	
10,800.0	10,779.2	10,894.4	10,778.7	18.3	25.8	-89.86	219.3	-1,011.4	770.0	727.3	42.74	18.016	
10,900.0	10,879.2	10,994.4	10,878.7	18.4	25.8	-89.86	219.3	-1,011.4	770.0	727.1	42.85	17.971	
11,000.0	10,979.2	11,094.4	10,978.7	18.4	25.9	-89.86	219.3	-1,011.4	770.0	727.0	42.96	17.925	
11,100.0	11,079.2	11,194.4	11,078.7	18.5	25.9	-89.86	219.3	-1,011.4	770.0	726.9	43.07	17.879	
11,200.0	11,179.2	11,294.4	11,178.7	18.6	26.0	-89.86	219.3	-1,011.4	770.0	726.8	43.18	17.833	
11,300.0	11,279.2	11,394.4	11,278.7	18.7	26.0	-89.86	219.3	-1,011.4	770.0	726.7	43.29	17.788	
11,400.0	11,379.2	11,494.4	11,378.7	18.7	26.1	-89.86	219.3	-1,011.4	770.0	726.6	43.40	17.743	
11,500.0	11,479.2	11,594.4	11,478.7	18.8	26.1	-89.86	219.3	-1,011.4	770.0	726.5	43.51	17.697	
11,600.0	11,579.2	11,694.4	11,578.7	18.9	26.2	-89.86	219.3	-1,011.4	770.0	726.4	43.62	17.652	
11,700.0	11,679.2	11,794.4	11,678.7	18.9	26.2	-89.86	219.3	-1,011.4	770.0	726.3	43.73	17.607	
11,800.0	11,779.2	11,894.4	11,778.7	19.0	26.2	-89.86	219.3	-1,011.4	770.0	726.1	43.84	17.562	
11,862.8	11,842.0	11,957.2	11,841.5	19.0	26.3	-89.86	219.3	-1,011.4	770.0	726.1	43.89	17.545	
11,900.0	11,879.2	11,994.8	11,879.2	19.0	26.3	90.55	218.1	-1,011.4	770.0	726.1	43.89	17.542	
11,950.0	11,928.9	12,045.5	11,929.5	19.1	26.3	90.54	212.6	-1,011.4	770.0	726.1	43.90	17.539	
12,000.0	11,977.9	12,096.1	11,979.2	19.1	26.3	90.54	202.6	-1,011.3	770.0	726.1	43.90	17.539	
12,050.0	12,025.9	12,146.8	12,027.7	19.2	26.3	90.53	188.4	-1,011.2	770.0	726.1	43.90	17.539	
12,100.0	12,072.5	12,197.4	12,074.8	19.2	26.3	90.51	169.9	-1,011.1	770.0	726.1	43.90	17.539	
12,150.0	12,117.4	12,248.0	12,120.1	19.2	26.3	90.50	147.3	-1,010.9	770.0	726.1	43.90	17.540	
12,200.0	12,160.1	12,298.5	12,163.2	19.3	26.3	90.47	120.8	-1,010.7	770.0	726.1	43.90	17.540	
12,250.0	12,200.4	12,349.1	12,203.7	19.3	26.4	90.45	90.7	-1,010.5	770.0	726.1	43.90	17.538	
12,300.0	12,238.0	12,399.6	12,241.4	19.4	26.4	90.42	57.1	-1,010.3	770.0	726.1	43.91	17.534	
12,350.0	12,272.6	12,450.1	12,276.0	19.4	26.4	90.39	20.4	-1,010.0	770.0	726.0	43.93	17.528	
12,400.0	12,303.9	12,500.5	12,307.2	19.5	26.4	90.35	-19.2	-1,009.7	770.0	726.0	43.95	17.518	
12,450.0	12,331.7	12,550.9	12,334.8	19.5	26.5	90.31	-61.4	-1,009.4	770.0	726.0	43.99	17.504	
12,500.0	12,355.8	12,601.2	12,358.6	19.6	26.5	90.27	-105.7	-1,009.1	770.0	725.9	44.04	17.485	
12,550.0	12,375.9	12,651.5	12,378.3	19.6	26.5	90.23	-152.0	-1,008.8	770.0	725.9	44.10	17.461	
12,600.0	12,392.0	12,701.8	12,393.9	19.7	26.6	90.19	-199.7	-1,008.5	770.0	725.8	44.17	17.431	
12,650.0	12,403.9	12,752.0	12,405.3	19.7	26.6	90.14	-248.6	-1,008.1	770.0	725.7	44.26	17.396	
12,700.0	12,411.6	12,802.1	12,412.3	19.8	26.7	90.09	-298.2	-1,007.8	770.0	725.6	44.36	17.355	
12,750.0	12,414.9	12,852.2	12,415.0	19.8	26.7	90.05	-348.2	-1,007.4	770.0	725.5	44.48	17.309	
12,759.7	12,415.0	12,861.9	12,415.0	19.8	26.8	90.04	-357.9	-1,007.3	770.0	725.5	44.51	17.300	
12,762.8	12,415.0	12,865.0	12,415.0	19.8	26.8	90.04	-361.0	-1,007.3	770.0	725.4	44.51	17.297	
12,800.0	12,415.0	12,902.2	12,415.0	19.9	26.8	90.04	-398.2	-1,007.1	770.0	725.4	44.61	17.260	
12,900.0	12,415.0	13,002.2	12,415.0	20.0	27.0	90.04	-498.2	-1,006.4	770.0	725.0	44.92	17.140	
13,000.0	12,415.0	13,102.2	12,415.0	20.1	27.1	90.04	-598.2	-1,005.6	770.0	724.7	45.28	17.003	
13,100.0	12,415.0	13,202.2	12,415.0	20.3	27.3	90.04	-698.2	-1,004.9	770.0	724.3	45.69	16.850	
13,200.0	12,415.0	13,302.2	12,415.0	20.4	27.5	90.04	-798.2	-1,004.2	770.0	723.8	46.15	16.684	
13,300.0	12,415.0	13,402.2	12,415.0	20.6	27.8	90.04	-898.2	-1,003.5	770.0	723.3	46.65	16.504	
13,400.0	12,415.0	13,502.2	12,415.0	20.8	28.0	90.04	-998.2	-1,002.8	770.0	722.8	47.20	16.314	
13,500.0	12,415.0	13,602.2	12,415.0	21.1	28.3	90.04	-1,098.2	-1,002.1	770.0	722.2	47.78	16.114	
13,600.0	12,415.0	13,702.2	12,415.0	21.3	28.5	90.04	-1,198.2	-1,001.4	770.0	721.6	48.41	15.905	
13,700.0	12,415.0	13,802.2	12,415.0	21.6	28.8	90.04	-1,298.2	-1,000.7	770.0	720.9	49.08	15.689	

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 MEAT LOVER FED COM #606H - Slot MEAT LOVER FED COM #606H
Project:	BULLDOG PROSPECT (DBE)	**TVD Reference:**	*KB=30' @ 3747.9usft (TBD)
Reference Site:	MEAT LOVER FED COM PROJECT	**MD Reference:**	*KB=30' @ 3747.9usft (TBD)
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	MEAT LOVER FED COM #606H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 17 Central Planning Prod
Reference Design:	PWP2	**Offset TVD Reference:**	Offset Datum

Offset Design: MEAT LOVER FED COM PROJECT - MEAT LOVER FED COM #608H - OWB - PWP2

Offset Site Error: 0.0 usft

Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1+MS, 11958-r.5 MWD+IFR1+MS

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
13,800.0	12,415.0	13,902.2	12,415.0	22.0	29.1	90.04	-1,398.2	-1,000.0	770.0	720.2	49.78	15.468	
13,900.0	12,415.0	14,002.2	12,415.0	22.3	29.5	90.04	-1,498.2	-999.3	770.0	719.4	50.52	15.241	
14,000.0	12,415.0	14,102.2	12,415.0	22.7	29.8	90.04	-1,598.2	-998.6	770.0	718.7	51.29	15.012	
14,100.0	12,415.0	14,202.2	12,415.0	23.1	30.2	90.04	-1,698.2	-997.9	770.0	717.9	52.10	14.779	
14,200.0	12,415.0	14,302.2	12,415.0	23.5	30.5	90.04	-1,798.2	-997.2	770.0	717.0	52.93	14.546	
14,300.0	12,415.0	14,402.2	12,415.0	24.0	30.9	90.04	-1,898.2	-996.5	770.0	716.2	53.80	14.311	
14,400.0	12,415.0	14,502.2	12,415.0	24.5	31.3	90.04	-1,998.1	-995.8	770.0	715.3	54.70	14.077	
14,500.0	12,415.0	14,602.2	12,415.0	24.9	31.7	90.04	-2,098.1	-995.1	770.0	714.3	55.62	13.844	
14,600.0	12,415.0	14,702.2	12,415.0	25.4	32.1	90.04	-2,198.1	-994.4	770.0	713.4	56.56	13.612	
14,700.0	12,415.0	14,802.2	12,415.0	26.0	32.6	90.04	-2,298.1	-993.7	770.0	712.4	57.54	13.382	
14,800.0	12,415.0	14,902.2	12,415.0	26.5	33.0	90.04	-2,398.1	-993.0	770.0	711.4	58.53	13.155	
14,900.0	12,415.0	15,002.2	12,415.0	27.1	33.5	90.04	-2,498.1	-992.3	770.0	710.4	59.55	12.930	
15,000.0	12,415.0	15,102.2	12,415.0	27.6	33.9	90.04	-2,598.1	-991.6	770.0	709.4	60.59	12.709	
15,100.0	12,415.0	15,202.2	12,415.0	28.2	34.4	90.04	-2,698.1	-990.9	770.0	708.3	61.64	12.491	
15,200.0	12,415.0	15,302.2	12,415.0	28.8	34.9	90.04	-2,798.1	-990.2	770.0	707.2	62.72	12.277	
15,300.0	12,415.0	15,402.2	12,415.0	29.4	35.4	90.04	-2,898.1	-989.5	770.0	706.2	63.81	12.066	
15,400.0	12,415.0	15,502.2	12,415.0	30.0	35.9	90.04	-2,998.1	-988.8	770.0	705.0	64.92	11.860	
15,500.0	12,415.0	15,602.2	12,415.0	30.6	36.4	90.04	-3,098.1	-988.1	770.0	703.9	66.05	11.658	
15,600.0	12,415.0	15,702.2	12,415.0	31.2	37.0	90.04	-3,198.1	-987.4	770.0	702.8	67.19	11.460	
15,700.0	12,415.0	15,802.2	12,415.0	31.8	37.5	90.04	-3,298.1	-986.7	770.0	701.6	68.35	11.266	
15,800.0	12,415.0	15,902.2	12,415.0	32.4	38.0	90.04	-3,398.1	-985.9	770.0	700.5	69.52	11.076	
15,900.0	12,415.0	16,002.2	12,415.0	33.1	38.6	90.04	-3,498.1	-985.2	770.0	699.3	70.70	10.891	
16,000.0	12,415.0	16,102.2	12,415.0	33.7	39.1	90.04	-3,598.1	-984.5	770.0	698.1	71.89	10.710	
16,100.0	12,415.0	16,202.2	12,415.0	34.4	39.7	90.04	-3,698.1	-983.8	770.0	696.9	73.10	10.533	
16,200.0	12,415.0	16,302.2	12,415.0	35.0	40.3	90.04	-3,798.1	-983.1	770.0	695.7	74.32	10.360	
16,300.0	12,415.0	16,402.2	12,415.0	35.7	40.8	90.04	-3,898.1	-982.4	770.0	694.4	75.55	10.192	
16,400.0	12,415.0	16,502.2	12,415.0	36.4	41.4	90.04	-3,998.1	-981.7	770.0	693.2	76.79	10.028	
16,500.0	12,415.0	16,602.2	12,415.0	37.0	42.0	90.04	-4,098.1	-981.0	770.0	691.9	78.03	9.867	
16,600.0	12,415.0	16,702.2	12,415.0	37.7	42.6	90.04	-4,198.1	-980.3	770.0	690.7	79.29	9.711	
16,700.0	12,415.0	16,802.2	12,415.0	38.4	43.2	90.04	-4,298.1	-979.6	770.0	689.4	80.56	9.558	
16,800.0	12,415.0	16,902.2	12,415.0	39.0	43.8	90.04	-4,398.1	-978.9	770.0	688.1	81.83	9.409	
16,900.0	12,415.0	17,002.2	12,415.0	39.7	44.4	90.04	-4,498.1	-978.2	770.0	686.9	83.12	9.264	
17,000.0	12,415.0	17,102.2	12,415.0	40.4	45.0	90.04	-4,598.1	-977.5	770.0	685.6	84.41	9.122	
17,100.0	12,415.0	17,202.2	12,415.0	41.1	45.7	90.04	-4,698.1	-976.8	770.0	684.3	85.70	8.984	
17,200.0	12,415.0	17,302.2	12,415.0	41.8	46.3	90.04	-4,798.1	-976.1	770.0	683.0	87.01	8.850	
17,300.0	12,415.0	17,402.2	12,415.0	42.5	46.9	90.04	-4,898.1	-975.4	770.0	681.7	88.32	8.718	
17,400.0	12,415.0	17,502.2	12,415.0	43.2	47.5	90.04	-4,998.1	-974.7	770.0	680.3	89.64	8.590	
17,500.0	12,415.0	17,602.2	12,415.0	43.9	48.2	90.04	-5,098.1	-974.0	770.0	679.0	90.96	8.465	
17,600.0	12,415.0	17,702.2	12,415.0	44.6	48.8	90.04	-5,198.1	-973.3	770.0	677.7	92.29	8.343	
17,700.0	12,415.0	17,802.2	12,415.0	45.3	49.5	90.04	-5,298.1	-972.6	770.0	676.4	93.62	8.224	
17,800.0	12,415.0	17,902.2	12,415.0	46.0	50.1	90.04	-5,398.1	-971.9	770.0	675.0	94.96	8.108	
17,900.0	12,415.0	18,002.2	12,415.0	46.7	50.7	90.04	-5,498.1	-971.2	770.0	673.7	96.31	7.995	
18,000.0	12,415.0	18,102.2	12,415.0	47.4	51.4	90.04	-5,598.1	-970.5	770.0	672.3	97.66	7.884	
18,100.0	12,415.0	18,202.2	12,415.0	48.1	52.1	90.04	-5,698.1	-969.8	770.0	671.0	99.01	7.777	
18,200.0	12,415.0	18,302.2	12,415.0	48.8	52.7	90.04	-5,798.1	-969.1	770.0	669.6	100.37	7.671	
18,300.0	12,415.0	18,402.2	12,415.0	49.5	53.4	90.04	-5,898.1	-968.4	770.0	668.2	101.73	7.569	
18,400.0	12,415.0	18,502.2	12,415.0	50.3	54.0	90.04	-5,998.1	-967.7	770.0	666.9	103.10	7.468	
18,500.0	12,415.0	18,602.2	12,415.0	51.0	54.7	90.04	-6,098.0	-967.0	770.0	665.5	104.47	7.370	
18,600.0	12,415.0	18,702.2	12,415.0	51.7	55.4	90.04	-6,198.0	-966.2	770.0	664.1	105.85	7.274	
18,700.0	12,415.0	18,802.2	12,415.0	52.4	56.1	90.04	-6,298.0	-965.5	770.0	662.8	107.23	7.181	
18,800.0	12,415.0	18,902.2	12,415.0	53.1	56.7	90.04	-6,398.0	-964.8	770.0	661.4	108.61	7.089	

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 MEAT LOVER FED COM #606H - Slot MEAT LOVER FED COM #606H
Project:	BULLDOG PROSPECT (DBE)	**TVD Reference:**	*KB=30' @ 3747.9usft (TBD)
Reference Site:	MEAT LOVER FED COM PROJECT	**MD Reference:**	*KB=30' @ 3747.9usft (TBD)
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	MEAT LOVER FED COM #606H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 17 Central Planning Prod
Reference Design:	PWP2	**Offset TVD Reference:**	Offset Datum

Offset Design: MEAT LOVER FED COM PROJECT - MEAT LOVER FED COM #608H - OWB - PWP2 — **Offset Site Error:** 0.0 usft

Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1+MS, 11958-r.5 MWD+IFR1+MS — **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
18,900.0	12,415.0	19,002.2	12,415.0	53.9	57.4	90.04	-6,498.0	-964.1	770.0	660.0	110.00	7.000	
19,000.0	12,415.0	19,102.2	12,415.0	54.6	58.1	90.04	-6,598.0	-963.4	770.0	658.6	111.38	6.913	
19,100.0	12,415.0	19,202.2	12,415.0	55.3	58.8	90.04	-6,698.0	-962.7	770.0	657.2	112.78	6.827	
19,200.0	12,415.0	19,302.2	12,415.0	56.0	59.4	90.04	-6,798.0	-962.0	770.0	655.8	114.17	6.744	
19,300.0	12,415.0	19,402.2	12,415.0	56.8	60.1	90.04	-6,898.0	-961.3	770.0	654.4	115.57	6.662	
19,400.0	12,415.0	19,502.2	12,415.0	57.5	60.8	90.04	-6,998.0	-960.6	770.0	653.0	116.97	6.583	
19,500.0	12,415.0	19,602.2	12,415.0	58.2	61.5	90.04	-7,098.0	-959.9	770.0	651.6	118.37	6.505	
19,600.0	12,415.0	19,702.2	12,415.0	59.0	62.2	90.04	-7,198.0	-959.2	770.0	650.2	119.78	6.428	
19,700.0	12,415.0	19,802.2	12,415.0	59.7	62.9	90.04	-7,298.0	-958.5	770.0	648.8	121.19	6.354	
19,800.0	12,415.0	19,902.2	12,415.0	60.4	63.6	90.04	-7,398.0	-957.8	770.0	647.4	122.60	6.280	
19,900.0	12,415.0	20,002.2	12,415.0	61.2	64.3	90.04	-7,498.0	-957.1	770.0	646.0	124.01	6.209	
20,000.0	12,415.0	20,102.2	12,415.0	61.9	65.0	90.04	-7,598.0	-956.4	770.0	644.6	125.43	6.139	
20,100.0	12,415.0	20,202.2	12,415.0	62.6	65.7	90.04	-7,698.0	-955.7	770.0	643.1	126.85	6.070	
20,200.0	12,415.0	20,302.2	12,415.0	63.4	66.4	90.04	-7,798.0	-955.0	770.0	641.7	128.27	6.003	
20,300.0	12,415.0	20,402.2	12,415.0	64.1	67.1	90.04	-7,898.0	-954.3	770.0	640.3	129.69	5.937	
20,400.0	12,415.0	20,502.2	12,415.0	64.8	67.8	90.04	-7,998.0	-953.6	770.0	638.9	131.11	5.873	
20,500.0	12,415.0	20,602.2	12,415.0	65.6	68.5	90.04	-8,098.0	-952.9	770.0	637.4	132.54	5.809	
20,600.0	12,415.0	20,702.2	12,415.0	66.3	69.2	90.04	-8,198.0	-952.2	770.0	636.0	133.97	5.748	
20,700.0	12,415.0	20,802.2	12,415.0	67.0	69.9	90.04	-8,298.0	-951.5	770.0	634.6	135.40	5.687	
20,800.0	12,415.0	20,902.2	12,415.0	67.8	70.6	90.04	-8,398.0	-950.8	770.0	633.2	136.83	5.627	
20,900.0	12,415.0	21,002.2	12,415.0	68.5	71.3	90.04	-8,498.0	-950.1	770.0	631.7	138.26	5.569	
21,000.0	12,415.0	21,102.2	12,415.0	69.3	72.0	90.04	-8,598.0	-949.4	770.0	630.3	139.70	5.512	
21,100.0	12,415.0	21,202.2	12,415.0	70.0	72.8	90.04	-8,698.0	-948.7	770.0	628.9	141.13	5.456	
21,200.0	12,415.0	21,302.2	12,415.0	70.7	73.5	90.04	-8,798.0	-948.0	770.0	627.4	142.57	5.401	
21,300.0	12,415.0	21,402.2	12,415.0	71.5	74.2	90.04	-8,898.0	-947.3	770.0	626.0	144.01	5.347	
21,400.0	12,415.0	21,502.2	12,415.0	72.2	74.9	90.04	-8,998.0	-946.5	770.0	624.5	145.45	5.294	
21,500.0	12,415.0	21,602.2	12,415.0	73.0	75.6	90.04	-9,098.0	-945.8	770.0	623.1	146.89	5.242	
21,600.0	12,415.0	21,702.2	12,415.0	73.7	76.3	90.04	-9,198.0	-945.1	770.0	621.7	148.34	5.191	
21,700.0	12,415.0	21,802.2	12,415.0	74.5	77.1	90.04	-9,298.0	-944.4	770.0	620.2	149.78	5.141	
21,800.0	12,415.0	21,902.2	12,415.0	75.2	77.8	90.04	-9,398.0	-943.7	770.0	618.8	151.23	5.092	
21,900.0	12,415.0	22,002.2	12,415.0	75.9	78.5	90.04	-9,498.0	-943.0	770.0	617.3	152.68	5.043	
22,000.0	12,415.0	22,102.2	12,415.0	76.7	79.2	90.04	-9,598.0	-942.3	770.0	615.9	154.12	4.996	
22,100.0	12,415.0	22,202.2	12,415.0	77.4	79.9	90.04	-9,698.0	-941.6	770.0	614.4	155.57	4.949	
22,200.0	12,415.0	22,302.2	12,415.0	78.2	80.7	90.04	-9,798.0	-940.9	770.0	613.0	157.03	4.904	
22,300.0	12,415.0	22,402.2	12,415.0	78.9	81.4	90.04	-9,898.0	-940.2	770.0	611.5	158.48	4.859	
22,400.0	12,415.0	22,502.2	12,415.0	79.7	82.1	90.04	-9,998.0	-939.5	770.0	610.1	159.93	4.815	
22,500.0	12,415.0	22,602.2	12,415.0	80.4	82.8	90.04	-10,097.9	-938.8	770.0	608.6	161.39	4.771	
22,600.0	12,415.0	22,702.2	12,415.0	81.2	83.6	90.04	-10,197.9	-938.1	770.0	607.2	162.84	4.729	
22,700.0	12,415.0	22,802.2	12,415.0	81.9	84.3	90.04	-10,297.9	-937.4	770.0	605.7	164.30	4.687	
22,800.0	12,415.0	22,902.2	12,415.0	82.7	85.0	90.04	-10,397.9	-936.7	770.0	604.2	165.75	4.645	
22,900.0	12,415.0	23,002.2	12,415.0	83.4	85.7	90.04	-10,497.9	-936.0	770.0	602.8	167.21	4.605	
23,000.0	12,415.0	23,102.2	12,415.0	84.2	86.5	90.04	-10,597.9	-935.3	770.0	601.3	168.67	4.565	
23,100.0	12,415.0	23,202.2	12,415.0	84.9	87.2	90.04	-10,697.9	-934.6	770.0	599.9	170.13	4.526	
23,200.0	12,415.0	23,302.2	12,415.0	85.7	87.9	90.04	-10,797.9	-933.9	770.0	598.4	171.59	4.487	
23,300.0	12,415.0	23,402.2	12,415.0	86.4	88.7	90.04	-10,897.9	-933.2	770.0	596.9	173.05	4.449	
23,400.0	12,415.0	23,502.2	12,415.0	87.2	89.4	90.04	-10,997.9	-932.5	770.0	595.5	174.52	4.412	
23,500.0	12,415.0	23,602.2	12,415.0	87.9	90.1	90.04	-11,097.9	-931.8	770.0	594.0	175.98	4.375	
23,600.0	12,415.0	23,702.2	12,415.0	88.7	90.9	90.04	-11,197.9	-931.1	770.0	592.6	177.44	4.339	
23,700.0	12,415.0	23,802.2	12,415.0	89.4	91.6	90.04	-11,297.9	-930.4	770.0	591.1	178.91	4.304	
23,800.0	12,415.0	23,902.2	12,415.0	90.2	92.3	90.04	-11,397.9	-929.7	770.0	589.6	180.37	4.269	
23,900.0	12,415.0	24,002.2	12,415.0	90.9	93.1	90.04	-11,497.9	-929.0	770.0	588.2	181.84	4.234	

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 MEAT LOVER FED COM #606H - Slot MEAT LOVER FED COM #606H
Project:	BULLDOG PROSPECT (DBE)	**TVD Reference:**	*KB=30' @ 3747.9usft (TBD)
Reference Site:	MEAT LOVER FED COM PROJECT	**MD Reference:**	*KB=30' @ 3747.9usft (TBD)
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	MEAT LOVER FED COM #606H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 17 Central Planning Prod
Reference Design:	PWP2	**Offset TVD Reference:**	Offset Datum

Offset Design: MEAT LOVER FED COM PROJECT - MEAT LOVER FED COM #608H - OWB - PWP2 — **Offset Site Error:** 0.0 usft

Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1+MS, 11958-r.5 MWD+IFR1+MS — **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
24,000.0	12,415.0	24,102.2	12,415.0	91.7	93.8	90.04	-11,597.9	-928.3	770.0	586.7	183.31	4.201	
24,100.0	12,415.0	24,202.2	12,415.0	92.4	94.5	90.04	-11,697.9	-927.5	770.0	585.2	184.78	4.167	
24,200.0	12,415.0	24,302.2	12,415.0	93.2	95.3	90.04	-11,797.9	-926.8	770.0	583.8	186.24	4.134	
24,300.0	12,415.0	24,402.2	12,415.0	93.9	96.0	90.04	-11,897.9	-926.1	770.0	582.3	187.71	4.102	
24,400.0	12,415.0	24,502.2	12,415.0	94.7	96.7	90.04	-11,997.9	-925.4	770.0	580.8	189.18	4.070	
24,500.0	12,415.0	24,602.2	12,415.0	95.4	97.5	90.04	-12,097.9	-924.7	770.0	579.3	190.65	4.039	
24,600.0	12,415.0	24,702.2	12,415.0	96.2	98.2	90.04	-12,197.9	-924.0	770.0	577.9	192.13	4.008	
24,700.0	12,415.0	24,802.2	12,415.0	96.9	98.9	90.04	-12,297.9	-923.3	770.0	576.4	193.60	3.977	
24,800.0	12,415.0	24,902.2	12,415.0	97.7	99.7	90.04	-12,397.9	-922.6	770.0	574.9	195.07	3.947	
24,900.0	12,415.0	25,002.2	12,415.0	98.4	100.4	90.04	-12,497.9	-921.9	770.0	573.5	196.54	3.918	
25,000.0	12,415.0	25,102.2	12,415.0	99.2	101.2	90.04	-12,597.9	-921.2	770.0	572.0	198.02	3.889	
25,100.0	12,415.0	25,202.2	12,415.0	99.9	101.9	90.04	-12,697.9	-920.5	770.0	570.5	199.49	3.860	
25,200.0	12,415.0	25,302.2	12,415.0	100.7	102.6	90.04	-12,797.9	-919.8	770.0	569.0	200.96	3.832	
25,300.0	12,415.0	25,402.2	12,415.0	101.5	103.4	90.04	-12,897.9	-919.1	770.0	567.6	202.44	3.804	
25,400.0	12,415.0	25,502.2	12,415.0	102.2	104.1	90.04	-12,997.9	-918.4	770.0	566.1	203.91	3.776	
25,500.0	12,415.0	25,602.2	12,415.0	103.0	104.9	90.04	-13,097.9	-917.7	770.0	564.6	205.39	3.749	
25,600.0	12,415.0	25,702.2	12,415.0	103.7	105.6	90.04	-13,197.9	-917.0	770.0	563.1	206.87	3.722	
25,700.0	12,415.0	25,802.2	12,415.0	104.5	106.3	90.04	-13,297.9	-916.3	770.0	561.7	208.34	3.696	
25,800.0	12,415.0	25,902.2	12,415.0	105.2	107.1	90.04	-13,397.9	-915.6	770.0	560.2	209.82	3.670	
25,900.0	12,415.0	26,002.2	12,415.0	106.0	107.8	90.04	-13,497.9	-914.9	770.0	558.7	211.30	3.644	
26,000.0	12,415.0	26,102.2	12,415.0	106.7	108.6	90.04	-13,597.9	-914.2	770.0	557.2	212.78	3.619	
26,100.0	12,415.0	26,202.2	12,415.0	107.5	109.3	90.04	-13,697.9	-913.5	770.0	555.7	214.26	3.594	
26,200.0	12,415.0	26,302.2	12,415.0	108.3	110.1	90.04	-13,797.9	-912.8	770.0	554.3	215.74	3.569	
26,300.0	12,415.0	26,402.2	12,415.0	109.0	110.8	90.04	-13,897.9	-912.1	770.0	552.8	217.22	3.545	
26,400.0	12,415.0	26,502.2	12,415.0	109.8	111.5	90.04	-13,997.9	-911.4	770.0	551.3	218.70	3.521	
26,500.0	12,415.0	26,602.2	12,415.0	110.5	112.3	90.04	-14,097.8	-910.7	770.0	549.8	220.18	3.497	
26,600.0	12,415.0	26,702.2	12,415.0	111.3	113.0	90.04	-14,197.8	-910.0	770.0	548.3	221.66	3.474	
26,700.0	12,415.0	26,802.2	12,415.0	112.0	113.8	90.04	-14,297.8	-909.3	770.0	546.9	223.14	3.451	
26,800.0	12,415.0	26,902.2	12,415.0	112.8	114.5	90.04	-14,397.8	-908.6	770.0	545.4	224.62	3.428	
26,900.0	12,415.0	27,002.2	12,415.0	113.5	115.3	90.04	-14,497.8	-907.8	770.0	543.9	226.10	3.406	
27,000.0	12,415.0	27,102.2	12,415.0	114.3	116.0	90.04	-14,597.8	-907.1	770.0	542.4	227.59	3.383	
27,100.0	12,415.0	27,202.2	12,415.0	115.1	116.8	90.04	-14,697.8	-906.4	770.0	540.9	229.07	3.361	
27,200.0	12,415.0	27,302.2	12,415.0	115.8	117.5	90.04	-14,797.8	-905.7	770.0	539.5	230.55	3.340	
27,300.0	12,415.0	27,402.2	12,415.0	116.6	118.2	90.04	-14,897.8	-905.0	770.0	538.0	232.04	3.318	
27,400.0	12,415.0	27,502.2	12,415.0	117.3	119.0	90.04	-14,997.8	-904.3	770.0	536.5	233.52	3.297	
27,500.0	12,415.0	27,602.2	12,415.0	118.1	119.7	90.04	-15,097.8	-903.6	770.0	535.0	235.01	3.277	
27,600.0	12,415.0	27,702.2	12,415.0	118.8	120.5	90.04	-15,197.8	-902.9	770.0	533.5	236.49	3.256	
27,700.0	12,415.0	27,802.2	12,415.0	119.6	121.2	90.04	-15,297.8	-902.2	770.0	532.0	237.98	3.236	
27,800.0	12,415.0	27,902.2	12,415.0	120.4	122.0	90.04	-15,397.8	-901.5	770.0	530.6	239.46	3.216	
27,900.0	12,415.0	28,002.2	12,415.0	121.1	122.7	90.04	-15,497.8	-900.8	770.0	529.1	240.95	3.196	
27,903.1	12,415.0	28,005.3	12,415.0	121.1	122.8	90.04	-15,500.9	-900.8	770.0	529.0	240.99	3.195	
27,931.2	12,415.0	28,032.5	12,415.0	121.4	123.0	90.04	-15,528.1	-900.6	770.0	528.6	241.41	3.190	SF

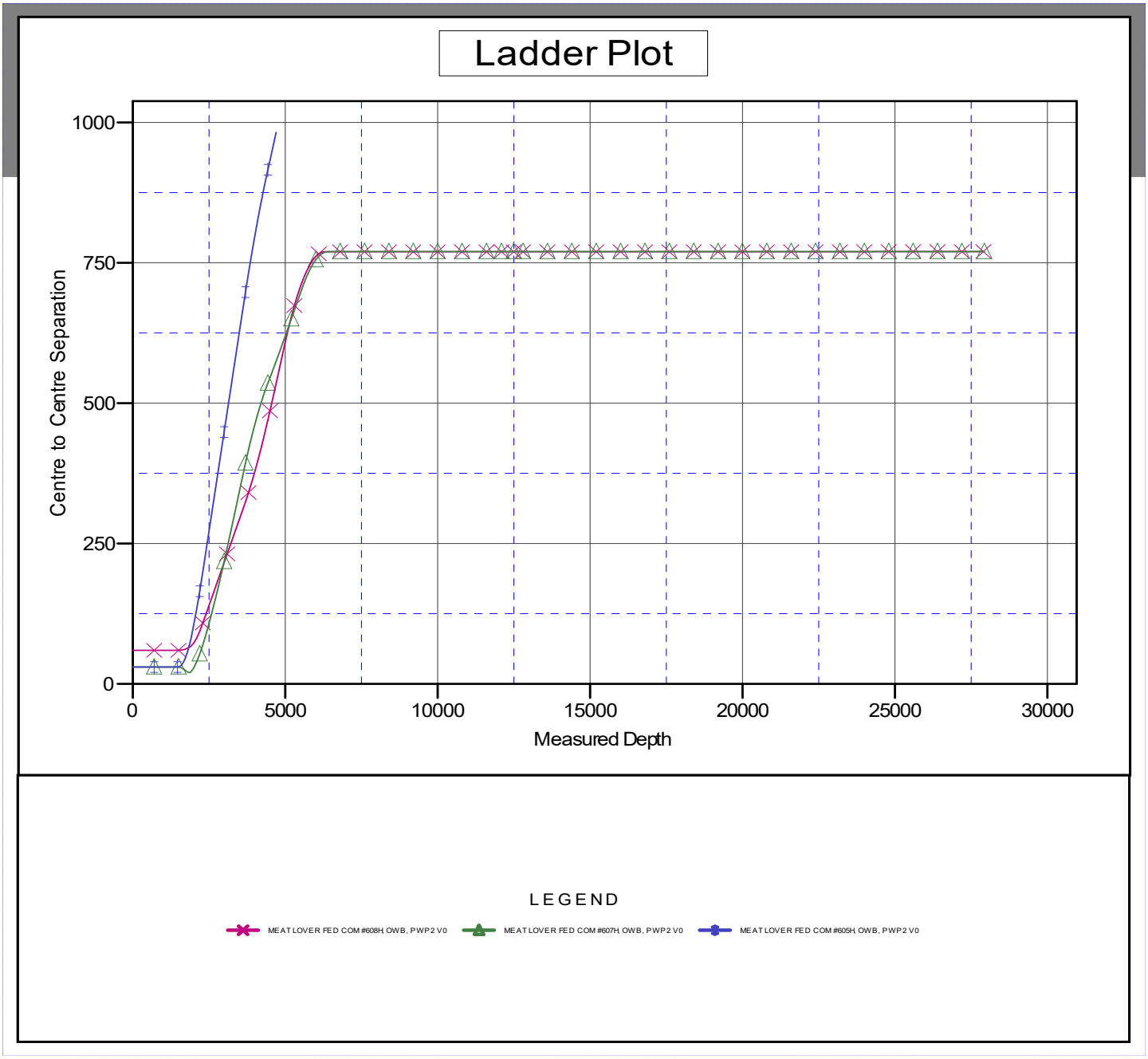
ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN EAST	**Local Co-ordinate Reference:**	Well MEAT LOVER FED COM #606H - Slot MEAT LOVER FED COM #606H
Project:	BULLDOG PROSPECT (DBE)	**TVD Reference:**	*KB=30' @ 3747.9usft (TBD)
Reference Site:	MEAT LOVER FED COM PROJECT	**MD Reference:**	*KB=30' @ 3747.9usft (TBD)
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	MEAT LOVER FED COM #606H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 17 Central Planning Prod
Reference Design:	PWP2	**Offset TVD Reference:**	Offset Datum

Reference Depths are relative to *KB=30' @ 3747.9usft (TBD)
Offset Depths are relative to Offset Datum
Central Meridian is 104° 20' 0.000 W

Coordinates are relative to: MEAT LOVER FED COM #606H - Slot MEAT LOVER
Coordinate System is US State Plane 1927 (Exact solution), New Mexico East 30
Grid Convergence at Surface is: 0.38°



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

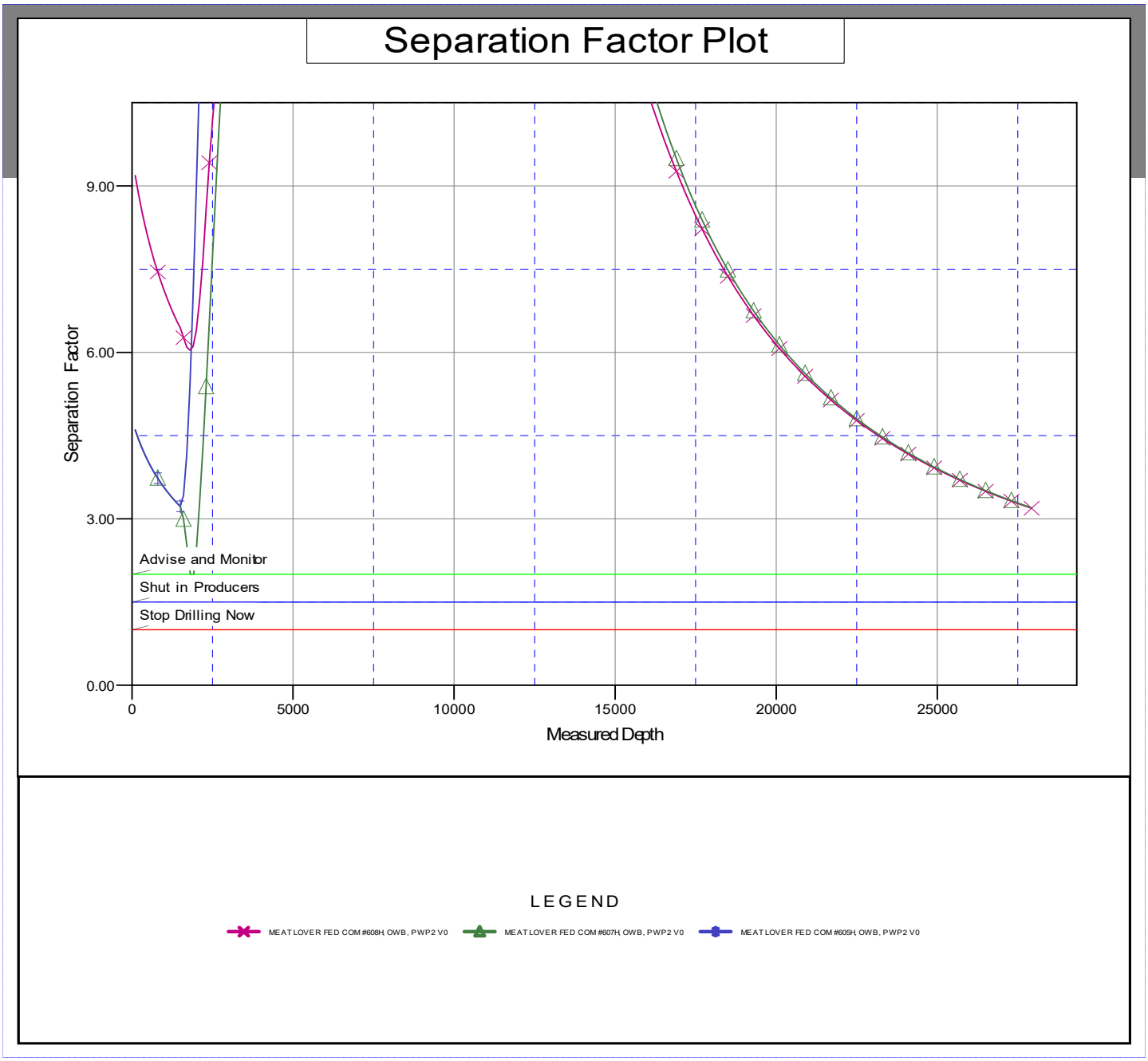
ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN EAST	**Local Co-ordinate Reference:**	Well MEAT LOVER FED COM #606H - Slot MEAT LOVER FED COM #606H
Project:	BULLDOG PROSPECT (DBE)	**TVD Reference:**	*KB=30' @ 3747.9usft (TBD)
Reference Site:	MEAT LOVER FED COM PROJECT	**MD Reference:**	*KB=30' @ 3747.9usft (TBD)
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	MEAT LOVER FED COM #606H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	OWB	**Database:**	EDT 17 Central Planning Prod
Reference Design:	PWP2	**Offset TVD Reference:**	Offset Datum

Reference Depths are relative to *KB=30' @ 3747.9usft (TBD)
Offset Depths are relative to Offset Datum
Central Meridian is 104° 20' 0.000 W

Coordinates are relative to: MEAT LOVER FED COM #606H - Slot MEAT LOVER
Coordinate System is US State Plane 1927 (Exact solution), New Mexico East 30
Grid Convergence at Surface is: 0.38°



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

ConocoPhillips - Meat Lover Fed Com 606H

1. Geologic Formations

TVD of target	12,415' EOL	Pilot hole depth	NA
MD at TD:	28,931'	Deepest expected fresh water:	345'

Formation	Depth (TVD) from KB	Water/Mineral Bearing/ Target Zone?	Hazards*
Quaternary Fill	Surface	Water	
Rustler	1284	Water	
Top of Salt	1771	Salt	
Base of Salt	4760	Salt	
Lamar	5049	Salt Water	
Bell Canyon	5114	Salt Water	
Cherry Canyon	5918	Oil/Gas	
Brushy Canyon	7324	Oil/Gas	
Bone Spring Lime	8874	Oil/Gas	
1st Bone Spring Sand	10123	Oil/Gas	
2nd Bone Spring Sand	10766	Oil/Gas	
3rd Bone Spring Sand	11991	Oil/Gas	
Wolfcamp A	12536	Target	
Wolfcamp B	0	Not Penetrated	
Wolfcamp D	0	Not Penetrated	

2. Casing Program

Hole Size	Casing Interval		Csg. Size	Weight	Grade	Conn.	SF	SF Burst	SF	SF
	From	To		(lbs)			Collapse		Body	Joint
14.75"	0	1350	10.75"	45.5	J55	BTC	3.38	1.14	11.64	12.96
9.875"	0	8500	7.625"	29.7	HCL80	BTC	1.56	1.07	2.88	2.90
8.750"	8500	11800	7.625"	29.7	P110 RY	W 513	1.33	1.43	2.68	1.61
6.75"	0	11300	5.5"	23	P110	BTC	1.98	2.34	2.80	2.79
6.75"	11300	28,931	5.5"	23	P110	W441	1.80	2.13	2.55	2.32
					BLM Minimum Safety Factor		1.125	1	1.6 Dry 1.8 Wet	1.6 Dry 1.8 Wet

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

The 5 1/2" W441 casing will be run back at least 200' into the intermediate casing to ensure the coupling OD clearance is greater than .422" for the cement bond tie in.

ConocoPhillips - Meat Lover Fed Com 606H

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

ConocoPhillips - Meat Lover Fed Com 606H

3. Cementing Program

Casing	# Sks	Wt. lb/ gal	Yld ft3/ sack	H_20 gal/sk	500# Comp. Strength (hours)	Slurry Description
Surf.	644	13.5	1.75	9	12	Lead: Class C + 4% Gel + 1% CaCl2
	250	14.8	1.34	6.34	8	Tail: Class C + 2% CaCl2
Inter. Stage 1	840	10.3	3.3	22	24	Halliburton tunded light
	250	14.8	1.35	6.6	8	Tail: Class H
Prod	524	12.7	2	10.7	72	Lead: 50:50:10 H Blend
	1663	14.4	1.24	5.7	19	Tail: 50:50:2 Class H Blend

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

Volumes Subject to Observed Hole Conditions and/or Fluid Caliper Results
Lab reports with the 500 psi compressive strength time for the cement will be onsite for review.

Casing String	TOC	% Excess
Surface	0’	50%
1st Intermediate	0’	50%
Production	11,300'	35% OH in Lateral (KOP to EOL)

ConocoPhillips - Meat Lover Fed Com 606H

4. Pressure Control Equipment

N	A variance is requested for the use of a diverter on the surface casing. See attached for schematic.

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

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

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

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

ConocoPhillips - Meat Lover Fed Com 606H

5. Mud Program

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

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

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

6. Logging and Testing Procedures

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

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

ConocoPhillips - Meat Lover Fed Com 606H

7. Drilling Conditions

Condition	Specify what type and where?
BH Pressure at deepest TVD	8070 psi at 12415' TVD
Abnormal Temperature	NO 180 Deg. F.

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

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

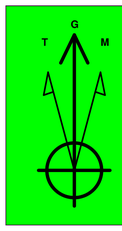
Hydrogen Sulfide (H2S) monitors will be installed prior to drilling out the surface shoe. If H2S is detected in concentrations greater than 100 ppm, the operator will comply with the provisions of Onshore Oil and Gas Order #6. If Hydrogen Sulfide is encountered, measured values and formations will be provided to the BLM.	
N	H2S is present
Y	H2S Plan attached

8. Other Facets of Operation

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

x	H2S Plan.
x	BOP & Choke Schematics.
x	Directional Plan

ConocoPhillips



Azimuths to Grid North
True North: -0.38°
Magnetic North: 6.18°

Magnetic Field
Strength: 47753.4nT
Dip Angle: 60.00°
Date: 7/7/2021
Model: BGGM2021

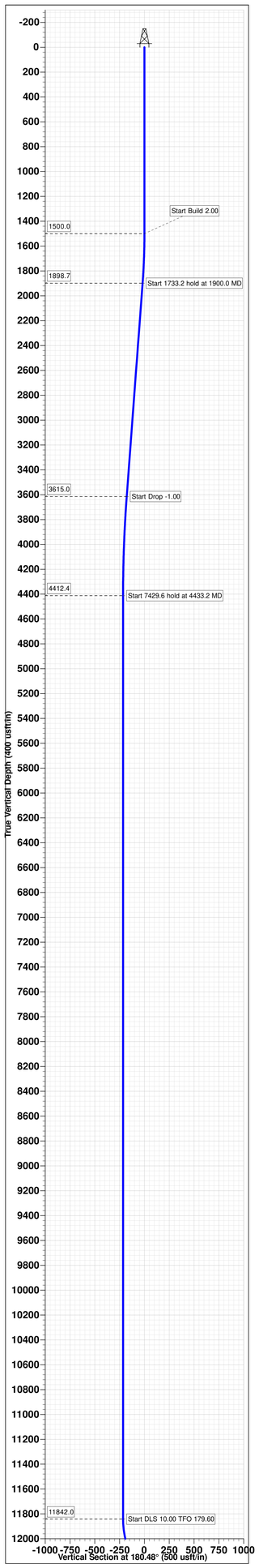
Project: BULLDOG PROSPECT (DBE)
Site: MEAT LOVER FED COM PROJECT
Well: MEAT LOVER FED COM #606H
Wellbore: OWB
Design: PWP2
GL: 3717.9
*KB=30' @ 3747.9usft (TBD)

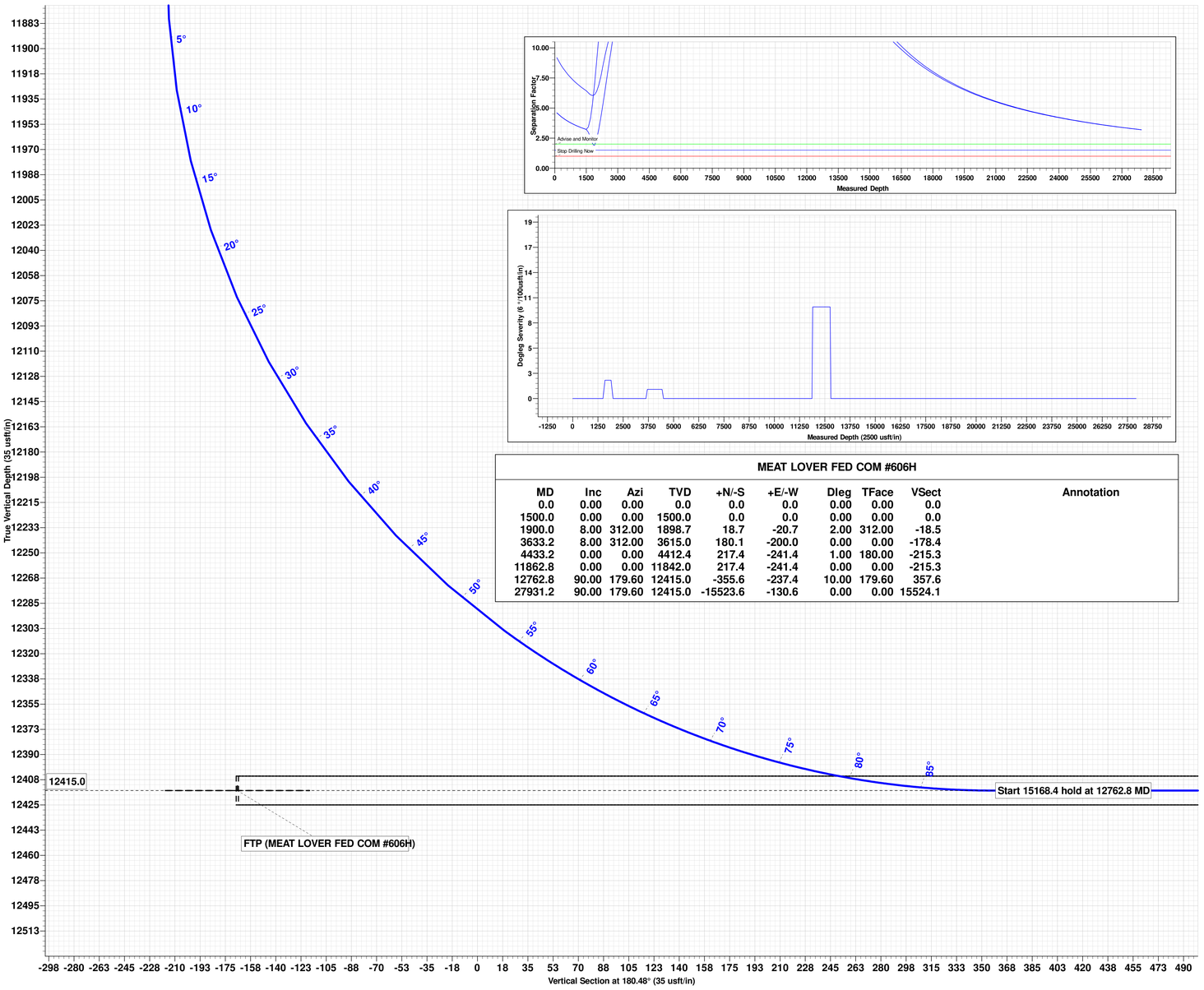
WELL DETAILS: MEAT LOVER FED COM #606H

+N/-S	+E/-W	Northing	Easting	Latittude	Longitude
0.0	0.0	477664.70	721942.10	32° 18' 40.219 N	103° 36' 53.821 W

DESIGN TARGET DETAILS

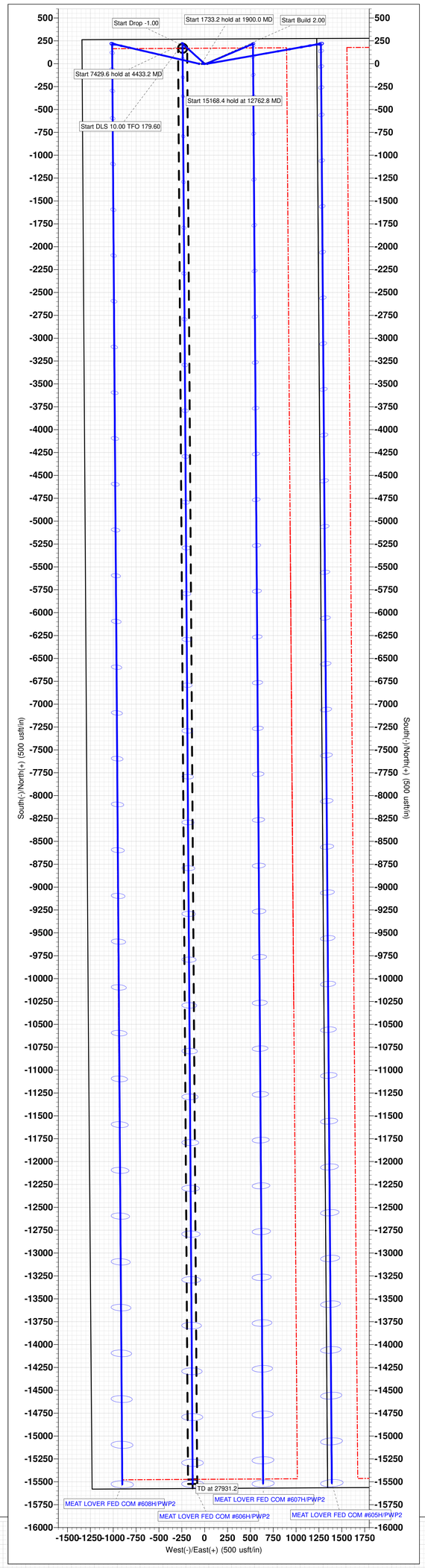
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
FTP (MEAT LOVER FED COM #606H)	12415.0	168.7	-241.0	477833.40	721701.10	32° 18' 41.905 N	103° 36' 56.616 W
LTP (MEAT LOVER FED COM #606H)	12415.0	-15473.6	-131.0	462191.10	721811.10	32° 16' 7.109 N	103° 36' 56.554 W
PBHL (MEAT LOVER FED COM #606H)	12415.0	-15523.6	-130.6	462141.10	721811.50	32° 16' 6.614 N	103° 36' 56.553 W

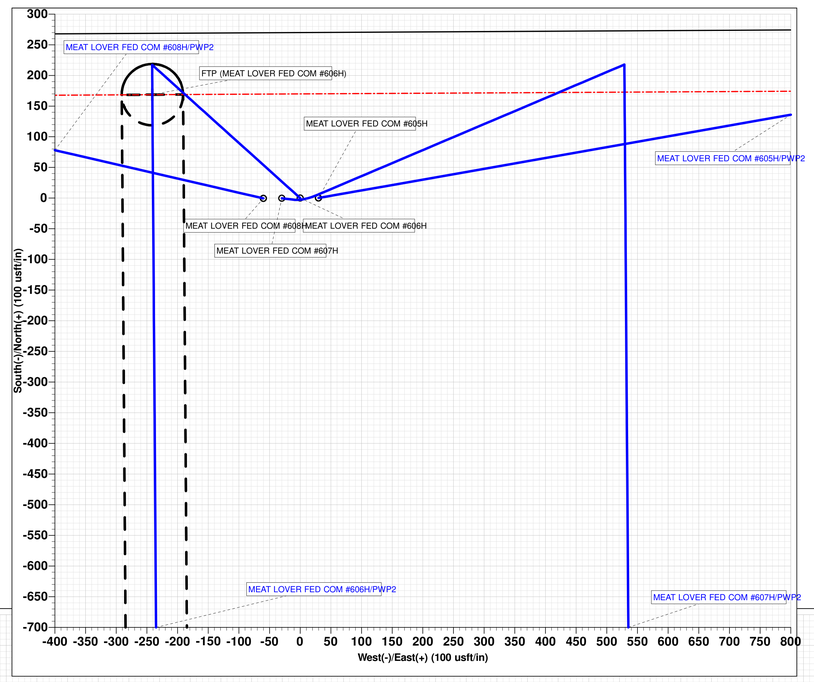


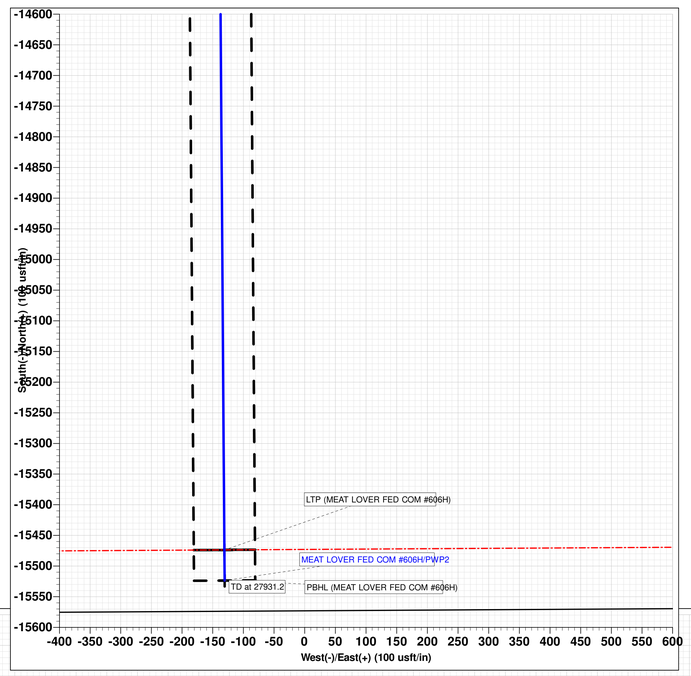


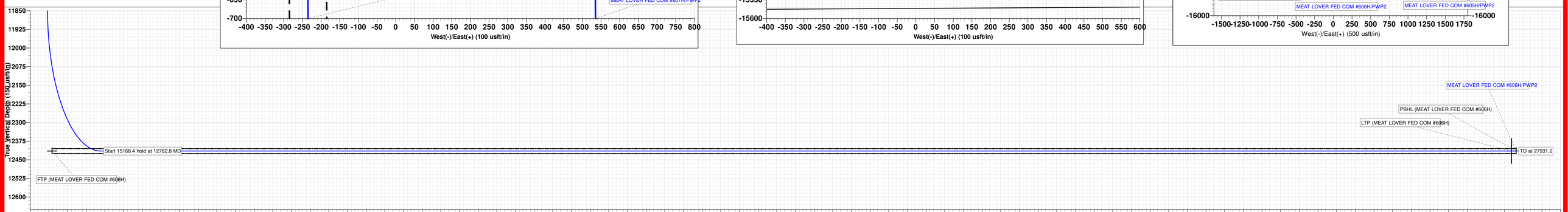
MEAT LOVER FED COM #606H

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	
1500.0	0.00	0.00	1500.0	0.0	0.0	0.00	0.00	0.0	
1900.0	8.00	312.00	1898.7	18.7	-20.7	2.00	312.00	-18.5	
3633.2	8.00	312.00	3615.0	180.1	-200.0	0.00	0.00	-178.4	
4433.2	0.00	0.00	4412.4	217.4	-241.4	1.00	180.00	-215.3	
11862.8	0.00	0.00	11842.0	217.4	-241.4	0.00	0.00	-215.3	
12762.8	90.00	179.60	12415.0	-355.6	-237.4	10.00	179.60	357.6	
27931.2	90.00	179.60	12415.0	-15523.6	-130.6	0.00	0.00	15524.1	









DELAWARE BASIN EAST

BULLDOG PROSPECT (DBE)
MEAT LOVER FED COM PROJECT
MEAT LOVER FED COM #606H - Slot MEAT LOVER FED COM #606H

OWB

Plan: PWP2

Standard Planning Report

23 October, 2023

ConocoPhillips

Planning Report

Database:	EDT 17 Central Planning Prod	**Local Co-ordinate Reference:**	Well MEAT LOVER FED COM #606H - Slot MEAT LOVER FED COM #606H
Company:	DELAWARE BASIN EAST	**TVD Reference:**	*KB=30' @ 3747.9usft (TBD)
Project:	BULLDOG PROSPECT (DBE)	**MD Reference:**	*KB=30' @ 3747.9usft (TBD)
Site:	MEAT LOVER FED COM PROJECT	**North Reference:**	Grid
Well:	MEAT LOVER FED COM #606H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OWB		
Design:	PWP2		

Project BULLDOG PROSPECT (DBE)

Map System:	US State Plane 1927 (Exact solution)	**System Datum:**	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site MEAT LOVER FED COM PROJECT

Site Position:		**Northing:**	477,926.73 usft	**Latitude:**	32° 18' 42.901 N
From:	Map	**Easting:**	720,599.28 usft	**Longitude:**	103° 37' 9.447 W
Position Uncertainty:	0.0 usft	**Slot Radius:**	13-3/16 "		

Well MEAT LOVER FED COM #606H - Slot MEAT LOVER FED COM #606H

Well Position	**+N/-S**	0.0 usft	**Northing:**	477,664.70 usft	**Latitude:**	32° 18' 40.219 N
	+E/-W	0.0 usft	**Easting:**	721,942.10 usft	**Longitude:**	103° 36' 53.821 W
Position Uncertainty		3.0 usft	**Wellhead Elevation:**	usft	**Ground Level:**	3,717.9 usft
Grid Convergence:		0.38 °				

Wellbore OWB

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2021	7/7/2021	6.56	60.00	47,753.39012715

Design PWP2

Audit Notes:				
Version:	**Phase:**	PLAN	**Tie On Depth:**	0.0

Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	180.48

Plan Survey Tool Program **Date** 10/23/2023

	Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	1,500.0	PWP2 (OWB)	r.5 SDI_KPR_WL_NS-CT SDI Keeper Wireline Gyrocomp	
2	1,500.0	11,862.8	PWP2 (OWB)	r.5 MWD+IFR1+MS OWSG MWD + IFR1 + Multi-St	
3	11,862.8	27,931.2	PWP2 (OWB)	r.5 MWD+IFR1+MS OWSG MWD + IFR1 + Multi-St	

ConocoPhillips
Planning Report

Database:	EDT 17 Central Planning Prod	**Local Co-ordinate Reference:**	Well MEAT LOVER FED COM #606H - Slot MEAT LOVER FED COM #606H
Company:	DELAWARE BASIN EAST	**TVD Reference:**	*KB=30' @ 3747.9usft (TBD)
Project:	BULLDOG PROSPECT (DBE)	**MD Reference:**	*KB=30' @ 3747.9usft (TBD)
Site:	MEAT LOVER FED COM PROJECT	**North Reference:**	Grid
Well:	MEAT LOVER FED COM #606H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OWB		
Design:	PWP2		

Plan Sections

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,900.0	8.00	312.00	1,898.7	18.7	-20.7	2.00	2.00	0.00	312.00	
3,633.2	8.00	312.00	3,615.0	180.1	-200.0	0.00	0.00	0.00	0.00	
4,433.2	0.00	0.00	4,412.4	217.4	-241.4	1.00	-1.00	0.00	180.00	
11,862.8	0.00	0.00	11,842.0	217.4	-241.4	0.00	0.00	0.00	0.00	
12,762.8	90.00	179.60	12,415.0	-355.6	-237.4	10.00	10.00	19.96	179.60	
27,931.2	90.00	179.60	12,415.0	-15,523.6	-130.6	0.00	0.00	0.00	0.00	

ConocoPhillips

Planning Report

Database:	EDT 17 Central Planning Prod	**Local Co-ordinate Reference:**	Well MEAT LOVER FED COM #606H - Slot MEAT LOVER FED COM #606H
Company:	DELAWARE BASIN EAST	**TVD Reference:**	*KB=30' @ 3747.9usft (TBD)
Project:	BULLDOG PROSPECT (DBE)	**MD Reference:**	*KB=30' @ 3747.9usft (TBD)
Site:	MEAT LOVER FED COM PROJECT	**North Reference:**	Grid
Well:	MEAT LOVER FED COM #606H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OWB		
Design:	PWP2		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
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	2.00	312.00	1,600.0	1.2	-1.3	-1.2	2.00	2.00	0.00
1,700.0	4.00	312.00	1,699.8	4.7	-5.2	-4.6	2.00	2.00	0.00
1,800.0	6.00	312.00	1,799.5	10.5	-11.7	-10.4	2.00	2.00	0.00
1,900.0	8.00	312.00	1,898.7	18.7	-20.7	-18.5	2.00	2.00	0.00
2,000.0	8.00	312.00	1,997.7	28.0	-31.1	-27.7	0.00	0.00	0.00
2,100.0	8.00	312.00	2,096.8	37.3	-41.4	-36.9	0.00	0.00	0.00
2,200.0	8.00	312.00	2,195.8	46.6	-51.7	-46.2	0.00	0.00	0.00
2,300.0	8.00	312.00	2,294.8	55.9	-62.1	-55.4	0.00	0.00	0.00
2,400.0	8.00	312.00	2,393.8	65.2	-72.4	-64.6	0.00	0.00	0.00
2,500.0	8.00	312.00	2,492.9	74.5	-82.8	-73.8	0.00	0.00	0.00
2,600.0	8.00	312.00	2,591.9	83.8	-93.1	-83.1	0.00	0.00	0.00
2,700.0	8.00	312.00	2,690.9	93.2	-103.5	-92.3	0.00	0.00	0.00
2,800.0	8.00	312.00	2,789.9	102.5	-113.8	-101.5	0.00	0.00	0.00
2,900.0	8.00	312.00	2,889.0	111.8	-124.1	-110.7	0.00	0.00	0.00
3,000.0	8.00	312.00	2,988.0	121.1	-134.5	-120.0	0.00	0.00	0.00
3,100.0	8.00	312.00	3,087.0	130.4	-144.8	-129.2	0.00	0.00	0.00
3,200.0	8.00	312.00	3,186.1	139.7	-155.2	-138.4	0.00	0.00	0.00
3,300.0	8.00	312.00	3,285.1	149.0	-165.5	-147.6	0.00	0.00	0.00
3,400.0	8.00	312.00	3,384.1	158.3	-175.9	-156.9	0.00	0.00	0.00
3,500.0	8.00	312.00	3,483.1	167.7	-186.2	-166.1	0.00	0.00	0.00
3,600.0	8.00	312.00	3,582.2	177.0	-196.5	-175.3	0.00	0.00	0.00
3,633.2	8.00	312.00	3,615.0	180.1	-200.0	-178.4	0.00	0.00	0.00
3,700.0	7.33	312.00	3,681.2	186.0	-206.6	-184.3	1.00	-1.00	0.00
3,800.0	6.33	312.00	3,780.5	194.0	-215.4	-192.2	1.00	-1.00	0.00
3,900.0	5.33	312.00	3,880.0	200.8	-223.0	-198.9	1.00	-1.00	0.00
4,000.0	4.33	312.00	3,979.7	206.4	-229.2	-204.5	1.00	-1.00	0.00
4,100.0	3.33	312.00	4,079.4	210.9	-234.2	-208.9	1.00	-1.00	0.00
4,200.0	2.33	312.00	4,179.3	214.2	-237.9	-212.2	1.00	-1.00	0.00
4,300.0	1.33	312.00	4,279.2	216.3	-240.3	-214.3	1.00	-1.00	0.00
4,400.0	0.33	312.00	4,379.2	217.3	-241.3	-215.3	1.00	-1.00	0.00
4,433.2	0.00	0.00	4,412.4	217.4	-241.4	-215.3	1.00	-1.00	0.00
4,500.0	0.00	0.00	4,479.2	217.4	-241.4	-215.3	0.00	0.00	0.00
4,600.0	0.00	0.00	4,579.2	217.4	-241.4	-215.3	0.00	0.00	0.00
4,700.0	0.00	0.00	4,679.2	217.4	-241.4	-215.3	0.00	0.00	0.00
4,800.0	0.00	0.00	4,779.2	217.4	-241.4	-215.3	0.00	0.00	0.00
4,900.0	0.00	0.00	4,879.2	217.4	-241.4	-215.3	0.00	0.00	0.00
5,000.0	0.00	0.00	4,979.2	217.4	-241.4	-215.3	0.00	0.00	0.00

ConocoPhillips
Planning Report

Database:	EDT 17 Central Planning Prod	**Local Co-ordinate Reference:**	Well MEAT LOVER FED COM #606H - Slot MEAT LOVER FED COM #606H
Company:	DELAWARE BASIN EAST	**TVD Reference:**	*KB=30' @ 3747.9usft (TBD)
Project:	BULLDOG PROSPECT (DBE)	**MD Reference:**	*KB=30' @ 3747.9usft (TBD)
Site:	MEAT LOVER FED COM PROJECT	**North Reference:**	Grid
Well:	MEAT LOVER FED COM #606H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OWB		
Design:	PWP2		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,100.0	0.00	0.00	5,079.2	217.4	-241.4	-215.3	0.00	0.00	0.00
5,200.0	0.00	0.00	5,179.2	217.4	-241.4	-215.3	0.00	0.00	0.00
5,300.0	0.00	0.00	5,279.2	217.4	-241.4	-215.3	0.00	0.00	0.00
5,400.0	0.00	0.00	5,379.2	217.4	-241.4	-215.3	0.00	0.00	0.00
5,500.0	0.00	0.00	5,479.2	217.4	-241.4	-215.3	0.00	0.00	0.00
5,600.0	0.00	0.00	5,579.2	217.4	-241.4	-215.3	0.00	0.00	0.00
5,700.0	0.00	0.00	5,679.2	217.4	-241.4	-215.3	0.00	0.00	0.00
5,800.0	0.00	0.00	5,779.2	217.4	-241.4	-215.3	0.00	0.00	0.00
5,900.0	0.00	0.00	5,879.2	217.4	-241.4	-215.3	0.00	0.00	0.00
6,000.0	0.00	0.00	5,979.2	217.4	-241.4	-215.3	0.00	0.00	0.00
6,100.0	0.00	0.00	6,079.2	217.4	-241.4	-215.3	0.00	0.00	0.00
6,200.0	0.00	0.00	6,179.2	217.4	-241.4	-215.3	0.00	0.00	0.00
6,300.0	0.00	0.00	6,279.2	217.4	-241.4	-215.3	0.00	0.00	0.00
6,400.0	0.00	0.00	6,379.2	217.4	-241.4	-215.3	0.00	0.00	0.00
6,500.0	0.00	0.00	6,479.2	217.4	-241.4	-215.3	0.00	0.00	0.00
6,600.0	0.00	0.00	6,579.2	217.4	-241.4	-215.3	0.00	0.00	0.00
6,700.0	0.00	0.00	6,679.2	217.4	-241.4	-215.3	0.00	0.00	0.00
6,800.0	0.00	0.00	6,779.2	217.4	-241.4	-215.3	0.00	0.00	0.00
6,900.0	0.00	0.00	6,879.2	217.4	-241.4	-215.3	0.00	0.00	0.00
7,000.0	0.00	0.00	6,979.2	217.4	-241.4	-215.3	0.00	0.00	0.00
7,100.0	0.00	0.00	7,079.2	217.4	-241.4	-215.3	0.00	0.00	0.00
7,200.0	0.00	0.00	7,179.2	217.4	-241.4	-215.3	0.00	0.00	0.00
7,300.0	0.00	0.00	7,279.2	217.4	-241.4	-215.3	0.00	0.00	0.00
7,400.0	0.00	0.00	7,379.2	217.4	-241.4	-215.3	0.00	0.00	0.00
7,500.0	0.00	0.00	7,479.2	217.4	-241.4	-215.3	0.00	0.00	0.00
7,600.0	0.00	0.00	7,579.2	217.4	-241.4	-215.3	0.00	0.00	0.00
7,700.0	0.00	0.00	7,679.2	217.4	-241.4	-215.3	0.00	0.00	0.00
7,800.0	0.00	0.00	7,779.2	217.4	-241.4	-215.3	0.00	0.00	0.00
7,900.0	0.00	0.00	7,879.2	217.4	-241.4	-215.3	0.00	0.00	0.00
8,000.0	0.00	0.00	7,979.2	217.4	-241.4	-215.3	0.00	0.00	0.00
8,100.0	0.00	0.00	8,079.2	217.4	-241.4	-215.3	0.00	0.00	0.00
8,200.0	0.00	0.00	8,179.2	217.4	-241.4	-215.3	0.00	0.00	0.00
8,300.0	0.00	0.00	8,279.2	217.4	-241.4	-215.3	0.00	0.00	0.00
8,400.0	0.00	0.00	8,379.2	217.4	-241.4	-215.3	0.00	0.00	0.00
8,500.0	0.00	0.00	8,479.2	217.4	-241.4	-215.3	0.00	0.00	0.00
8,600.0	0.00	0.00	8,579.2	217.4	-241.4	-215.3	0.00	0.00	0.00
8,700.0	0.00	0.00	8,679.2	217.4	-241.4	-215.3	0.00	0.00	0.00
8,800.0	0.00	0.00	8,779.2	217.4	-241.4	-215.3	0.00	0.00	0.00
8,900.0	0.00	0.00	8,879.2	217.4	-241.4	-215.3	0.00	0.00	0.00
9,000.0	0.00	0.00	8,979.2	217.4	-241.4	-215.3	0.00	0.00	0.00
9,100.0	0.00	0.00	9,079.2	217.4	-241.4	-215.3	0.00	0.00	0.00
9,200.0	0.00	0.00	9,179.2	217.4	-241.4	-215.3	0.00	0.00	0.00
9,300.0	0.00	0.00	9,279.2	217.4	-241.4	-215.3	0.00	0.00	0.00
9,400.0	0.00	0.00	9,379.2	217.4	-241.4	-215.3	0.00	0.00	0.00
9,500.0	0.00	0.00	9,479.2	217.4	-241.4	-215.3	0.00	0.00	0.00
9,600.0	0.00	0.00	9,579.2	217.4	-241.4	-215.3	0.00	0.00	0.00
9,700.0	0.00	0.00	9,679.2	217.4	-241.4	-215.3	0.00	0.00	0.00
9,800.0	0.00	0.00	9,779.2	217.4	-241.4	-215.3	0.00	0.00	0.00
9,900.0	0.00	0.00	9,879.2	217.4	-241.4	-215.3	0.00	0.00	0.00
10,000.0	0.00	0.00	9,979.2	217.4	-241.4	-215.3	0.00	0.00	0.00
10,100.0	0.00	0.00	10,079.2	217.4	-241.4	-215.3	0.00	0.00	0.00
10,200.0	0.00	0.00	10,179.2	217.4	-241.4	-215.3	0.00	0.00	0.00
10,300.0	0.00	0.00	10,279.2	217.4	-241.4	-215.3	0.00	0.00	0.00

ConocoPhillips

Planning Report

Database:	EDT 17 Central Planning Prod	**Local Co-ordinate Reference:**	Well MEAT LOVER FED COM #606H - Slot MEAT LOVER FED COM #606H
Company:	DELAWARE BASIN EAST	**TVD Reference:**	*KB=30' @ 3747.9usft (TBD)
Project:	BULLDOG PROSPECT (DBE)	**MD Reference:**	*KB=30' @ 3747.9usft (TBD)
Site:	MEAT LOVER FED COM PROJECT	**North Reference:**	Grid
Well:	MEAT LOVER FED COM #606H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OWB		
Design:	PWP2		

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)
10,400.0	0.00	0.00	10,379.2	217.4	-241.4	-215.3	0.00	0.00	0.00
10,500.0	0.00	0.00	10,479.2	217.4	-241.4	-215.3	0.00	0.00	0.00
10,600.0	0.00	0.00	10,579.2	217.4	-241.4	-215.3	0.00	0.00	0.00
10,700.0	0.00	0.00	10,679.2	217.4	-241.4	-215.3	0.00	0.00	0.00
10,800.0	0.00	0.00	10,779.2	217.4	-241.4	-215.3	0.00	0.00	0.00
10,900.0	0.00	0.00	10,879.2	217.4	-241.4	-215.3	0.00	0.00	0.00
11,000.0	0.00	0.00	10,979.2	217.4	-241.4	-215.3	0.00	0.00	0.00
11,100.0	0.00	0.00	11,079.2	217.4	-241.4	-215.3	0.00	0.00	0.00
11,200.0	0.00	0.00	11,179.2	217.4	-241.4	-215.3	0.00	0.00	0.00
11,300.0	0.00	0.00	11,279.2	217.4	-241.4	-215.3	0.00	0.00	0.00
11,400.0	0.00	0.00	11,379.2	217.4	-241.4	-215.3	0.00	0.00	0.00
11,500.0	0.00	0.00	11,479.2	217.4	-241.4	-215.3	0.00	0.00	0.00
11,600.0	0.00	0.00	11,579.2	217.4	-241.4	-215.3	0.00	0.00	0.00
11,700.0	0.00	0.00	11,679.2	217.4	-241.4	-215.3	0.00	0.00	0.00
11,800.0	0.00	0.00	11,779.2	217.4	-241.4	-215.3	0.00	0.00	0.00
11,862.8	0.00	0.00	11,842.0	217.4	-241.4	-215.3	0.00	0.00	0.00
11,900.0	3.72	179.60	11,879.2	216.2	-241.4	-214.1	10.00	10.00	0.00
11,950.0	8.72	179.60	11,928.9	210.7	-241.4	-208.7	10.00	10.00	0.00
12,000.0	13.72	179.60	11,977.9	201.0	-241.3	-199.0	10.00	10.00	0.00
12,050.0	18.72	179.60	12,025.9	187.1	-241.2	-185.0	10.00	10.00	0.00
12,100.0	23.72	179.60	12,072.5	169.0	-241.1	-166.9	10.00	10.00	0.00
12,150.0	28.72	179.60	12,117.4	146.9	-240.9	-144.9	10.00	10.00	0.00
12,200.0	33.72	179.60	12,160.1	121.0	-240.7	-118.9	10.00	10.00	0.00
12,250.0	38.72	179.60	12,200.4	91.4	-240.5	-89.4	10.00	10.00	0.00
12,300.0	43.72	179.60	12,238.0	58.5	-240.3	-56.5	10.00	10.00	0.00
12,350.0	48.72	179.60	12,272.6	22.4	-240.0	-20.4	10.00	10.00	0.00
12,400.0	53.72	179.60	12,303.9	-16.5	-239.8	18.6	10.00	10.00	0.00
12,450.0	58.72	179.60	12,331.7	-58.1	-239.5	60.1	10.00	10.00	0.00
12,500.0	63.72	179.60	12,355.8	-101.9	-239.2	103.9	10.00	10.00	0.00
12,550.0	68.72	179.60	12,375.9	-147.6	-238.8	149.6	10.00	10.00	0.00
12,600.0	73.72	179.60	12,392.0	-195.0	-238.5	197.0	10.00	10.00	0.00
12,650.0	78.72	179.60	12,403.9	-243.5	-238.2	245.5	10.00	10.00	0.00
12,700.0	83.72	179.60	12,411.6	-292.9	-237.8	294.9	10.00	10.00	0.00
12,750.0	88.72	179.60	12,414.9	-342.8	-237.5	344.8	10.00	10.00	0.00
12,762.8	90.00	179.60	12,415.0	-355.6	-237.4	357.6	10.00	10.00	0.00
12,800.0	90.00	179.60	12,415.0	-392.8	-237.1	394.8	0.00	0.00	0.00
12,900.0	90.00	179.60	12,415.0	-492.8	-236.4	494.7	0.00	0.00	0.00
13,000.0	90.00	179.60	12,415.0	-592.8	-235.7	594.7	0.00	0.00	0.00
13,100.0	90.00	179.60	12,415.0	-692.8	-235.0	694.7	0.00	0.00	0.00
13,200.0	90.00	179.60	12,415.0	-792.8	-234.3	794.7	0.00	0.00	0.00
13,300.0	90.00	179.60	12,415.0	-892.8	-233.6	894.7	0.00	0.00	0.00
13,400.0	90.00	179.60	12,415.0	-992.8	-232.9	994.7	0.00	0.00	0.00
13,500.0	90.00	179.60	12,415.0	-1,092.8	-232.2	1,094.7	0.00	0.00	0.00
13,600.0	90.00	179.60	12,415.0	-1,192.8	-231.5	1,194.7	0.00	0.00	0.00
13,700.0	90.00	179.60	12,415.0	-1,292.7	-230.8	1,294.6	0.00	0.00	0.00
13,800.0	90.00	179.60	12,415.0	-1,392.7	-230.1	1,394.6	0.00	0.00	0.00
13,900.0	90.00	179.60	12,415.0	-1,492.7	-229.4	1,494.6	0.00	0.00	0.00
14,000.0	90.00	179.60	12,415.0	-1,592.7	-228.7	1,594.6	0.00	0.00	0.00
14,100.0	90.00	179.60	12,415.0	-1,692.7	-228.0	1,694.6	0.00	0.00	0.00
14,200.0	90.00	179.60	12,415.0	-1,792.7	-227.3	1,794.6	0.00	0.00	0.00
14,300.0	90.00	179.60	12,415.0	-1,892.7	-226.6	1,894.6	0.00	0.00	0.00
14,400.0	90.00	179.60	12,415.0	-1,992.7	-225.9	1,994.6	0.00	0.00	0.00
14,500.0	90.00	179.60	12,415.0	-2,092.7	-225.1	2,094.5	0.00	0.00	0.00

ConocoPhillips

Planning Report

Database:	EDT 17 Central Planning Prod	**Local Co-ordinate Reference:**	Well MEAT LOVER FED COM #606H - Slot MEAT LOVER FED COM #606H
Company:	DELAWARE BASIN EAST	**TVD Reference:**	*KB=30' @ 3747.9usft (TBD)
Project:	BULLDOG PROSPECT (DBE)	**MD Reference:**	*KB=30' @ 3747.9usft (TBD)
Site:	MEAT LOVER FED COM PROJECT	**North Reference:**	Grid
Well:	MEAT LOVER FED COM #606H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OWB		
Design:	PWP2		

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)
14,600.0	90.00	179.60	12,415.0	-2,192.7	-224.4	2,194.5	0.00	0.00	0.00
14,700.0	90.00	179.60	12,415.0	-2,292.7	-223.7	2,294.5	0.00	0.00	0.00
14,800.0	90.00	179.60	12,415.0	-2,392.7	-223.0	2,394.5	0.00	0.00	0.00
14,900.0	90.00	179.60	12,415.0	-2,492.7	-222.3	2,494.5	0.00	0.00	0.00
15,000.0	90.00	179.60	12,415.0	-2,592.7	-221.6	2,594.5	0.00	0.00	0.00
15,100.0	90.00	179.60	12,415.0	-2,692.7	-220.9	2,694.5	0.00	0.00	0.00
15,200.0	90.00	179.60	12,415.0	-2,792.7	-220.2	2,794.5	0.00	0.00	0.00
15,300.0	90.00	179.60	12,415.0	-2,892.7	-219.5	2,894.5	0.00	0.00	0.00
15,400.0	90.00	179.60	12,415.0	-2,992.7	-218.8	2,994.4	0.00	0.00	0.00
15,500.0	90.00	179.60	12,415.0	-3,092.7	-218.1	3,094.4	0.00	0.00	0.00
15,600.0	90.00	179.60	12,415.0	-3,192.7	-217.4	3,194.4	0.00	0.00	0.00
15,700.0	90.00	179.60	12,415.0	-3,292.7	-216.7	3,294.4	0.00	0.00	0.00
15,800.0	90.00	179.60	12,415.0	-3,392.7	-216.0	3,394.4	0.00	0.00	0.00
15,900.0	90.00	179.60	12,415.0	-3,492.7	-215.3	3,494.4	0.00	0.00	0.00
16,000.0	90.00	179.60	12,415.0	-3,592.7	-214.6	3,594.4	0.00	0.00	0.00
16,100.0	90.00	179.60	12,415.0	-3,692.7	-213.9	3,694.4	0.00	0.00	0.00
16,200.0	90.00	179.60	12,415.0	-3,792.7	-213.2	3,794.3	0.00	0.00	0.00
16,300.0	90.00	179.60	12,415.0	-3,892.7	-212.5	3,894.3	0.00	0.00	0.00
16,400.0	90.00	179.60	12,415.0	-3,992.7	-211.8	3,994.3	0.00	0.00	0.00
16,500.0	90.00	179.60	12,415.0	-4,092.7	-211.1	4,094.3	0.00	0.00	0.00
16,600.0	90.00	179.60	12,415.0	-4,192.7	-210.4	4,194.3	0.00	0.00	0.00
16,700.0	90.00	179.60	12,415.0	-4,292.7	-209.7	4,294.3	0.00	0.00	0.00
16,800.0	90.00	179.60	12,415.0	-4,392.7	-209.0	4,394.3	0.00	0.00	0.00
16,900.0	90.00	179.60	12,415.0	-4,492.7	-208.3	4,494.3	0.00	0.00	0.00
17,000.0	90.00	179.60	12,415.0	-4,592.7	-207.5	4,594.3	0.00	0.00	0.00
17,100.0	90.00	179.60	12,415.0	-4,692.7	-206.8	4,694.2	0.00	0.00	0.00
17,200.0	90.00	179.60	12,415.0	-4,792.7	-206.1	4,794.2	0.00	0.00	0.00
17,300.0	90.00	179.60	12,415.0	-4,892.7	-205.4	4,894.2	0.00	0.00	0.00
17,400.0	90.00	179.60	12,415.0	-4,992.7	-204.7	4,994.2	0.00	0.00	0.00
17,500.0	90.00	179.60	12,415.0	-5,092.7	-204.0	5,094.2	0.00	0.00	0.00
17,600.0	90.00	179.60	12,415.0	-5,192.7	-203.3	5,194.2	0.00	0.00	0.00
17,700.0	90.00	179.60	12,415.0	-5,292.6	-202.6	5,294.2	0.00	0.00	0.00
17,800.0	90.00	179.60	12,415.0	-5,392.6	-201.9	5,394.2	0.00	0.00	0.00
17,900.0	90.00	179.60	12,415.0	-5,492.6	-201.2	5,494.1	0.00	0.00	0.00
18,000.0	90.00	179.60	12,415.0	-5,592.6	-200.5	5,594.1	0.00	0.00	0.00
18,100.0	90.00	179.60	12,415.0	-5,692.6	-199.8	5,694.1	0.00	0.00	0.00
18,200.0	90.00	179.60	12,415.0	-5,792.6	-199.1	5,794.1	0.00	0.00	0.00
18,300.0	90.00	179.60	12,415.0	-5,892.6	-198.4	5,894.1	0.00	0.00	0.00
18,400.0	90.00	179.60	12,415.0	-5,992.6	-197.7	5,994.1	0.00	0.00	0.00
18,500.0	90.00	179.60	12,415.0	-6,092.6	-197.0	6,094.1	0.00	0.00	0.00
18,600.0	90.00	179.60	12,415.0	-6,192.6	-196.3	6,194.1	0.00	0.00	0.00
18,700.0	90.00	179.60	12,415.0	-6,292.6	-195.6	6,294.0	0.00	0.00	0.00
18,800.0	90.00	179.60	12,415.0	-6,392.6	-194.9	6,394.0	0.00	0.00	0.00
18,900.0	90.00	179.60	12,415.0	-6,492.6	-194.2	6,494.0	0.00	0.00	0.00
19,000.0	90.00	179.60	12,415.0	-6,592.6	-193.5	6,594.0	0.00	0.00	0.00
19,100.0	90.00	179.60	12,415.0	-6,692.6	-192.8	6,694.0	0.00	0.00	0.00
19,200.0	90.00	179.60	12,415.0	-6,792.6	-192.1	6,794.0	0.00	0.00	0.00
19,300.0	90.00	179.60	12,415.0	-6,892.6	-191.4	6,894.0	0.00	0.00	0.00
19,400.0	90.00	179.60	12,415.0	-6,992.6	-190.7	6,994.0	0.00	0.00	0.00
19,500.0	90.00	179.60	12,415.0	-7,092.6	-190.0	7,094.0	0.00	0.00	0.00
19,600.0	90.00	179.60	12,415.0	-7,192.6	-189.2	7,193.9	0.00	0.00	0.00
19,700.0	90.00	179.60	12,415.0	-7,292.6	-188.5	7,293.9	0.00	0.00	0.00
19,800.0	90.00	179.60	12,415.0	-7,392.6	-187.8	7,393.9	0.00	0.00	0.00

ConocoPhillips

Planning Report

Database:	EDT 17 Central Planning Prod	**Local Co-ordinate Reference:**	Well MEAT LOVER FED COM #606H - Slot MEAT LOVER FED COM #606H
Company:	DELAWARE BASIN EAST	**TVD Reference:**	*KB=30' @ 3747.9usft (TBD)
Project:	BULLDOG PROSPECT (DBE)	**MD Reference:**	*KB=30' @ 3747.9usft (TBD)
Site:	MEAT LOVER FED COM PROJECT	**North Reference:**	Grid
Well:	MEAT LOVER FED COM #606H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OWB		
Design:	PWP2		

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)
19,900.0	90.00	179.60	12,415.0	-7,492.6	-187.1	7,493.9	0.00	0.00	0.00
20,000.0	90.00	179.60	12,415.0	-7,592.6	-186.4	7,593.9	0.00	0.00	0.00
20,100.0	90.00	179.60	12,415.0	-7,692.6	-185.7	7,693.9	0.00	0.00	0.00
20,200.0	90.00	179.60	12,415.0	-7,792.6	-185.0	7,793.9	0.00	0.00	0.00
20,300.0	90.00	179.60	12,415.0	-7,892.6	-184.3	7,893.9	0.00	0.00	0.00
20,400.0	90.00	179.60	12,415.0	-7,992.6	-183.6	7,993.8	0.00	0.00	0.00
20,500.0	90.00	179.60	12,415.0	-8,092.6	-182.9	8,093.8	0.00	0.00	0.00
20,600.0	90.00	179.60	12,415.0	-8,192.6	-182.2	8,193.8	0.00	0.00	0.00
20,700.0	90.00	179.60	12,415.0	-8,292.6	-181.5	8,293.8	0.00	0.00	0.00
20,800.0	90.00	179.60	12,415.0	-8,392.6	-180.8	8,393.8	0.00	0.00	0.00
20,900.0	90.00	179.60	12,415.0	-8,492.6	-180.1	8,493.8	0.00	0.00	0.00
21,000.0	90.00	179.60	12,415.0	-8,592.6	-179.4	8,593.8	0.00	0.00	0.00
21,100.0	90.00	179.60	12,415.0	-8,692.6	-178.7	8,693.8	0.00	0.00	0.00
21,200.0	90.00	179.60	12,415.0	-8,792.6	-178.0	8,793.7	0.00	0.00	0.00
21,300.0	90.00	179.60	12,415.0	-8,892.6	-177.3	8,893.7	0.00	0.00	0.00
21,400.0	90.00	179.60	12,415.0	-8,992.6	-176.6	8,993.7	0.00	0.00	0.00
21,500.0	90.00	179.60	12,415.0	-9,092.6	-175.9	9,093.7	0.00	0.00	0.00
21,600.0	90.00	179.60	12,415.0	-9,192.6	-175.2	9,193.7	0.00	0.00	0.00
21,700.0	90.00	179.60	12,415.0	-9,292.6	-174.5	9,293.7	0.00	0.00	0.00
21,800.0	90.00	179.60	12,415.0	-9,392.5	-173.8	9,393.7	0.00	0.00	0.00
21,900.0	90.00	179.60	12,415.0	-9,492.5	-173.1	9,493.7	0.00	0.00	0.00
22,000.0	90.00	179.60	12,415.0	-9,592.5	-172.4	9,593.7	0.00	0.00	0.00
22,100.0	90.00	179.60	12,415.0	-9,692.5	-171.6	9,693.6	0.00	0.00	0.00
22,200.0	90.00	179.60	12,415.0	-9,792.5	-170.9	9,793.6	0.00	0.00	0.00
22,300.0	90.00	179.60	12,415.0	-9,892.5	-170.2	9,893.6	0.00	0.00	0.00
22,400.0	90.00	179.60	12,415.0	-9,992.5	-169.5	9,993.6	0.00	0.00	0.00
22,500.0	90.00	179.60	12,415.0	-10,092.5	-168.8	10,093.6	0.00	0.00	0.00
22,600.0	90.00	179.60	12,415.0	-10,192.5	-168.1	10,193.6	0.00	0.00	0.00
22,700.0	90.00	179.60	12,415.0	-10,292.5	-167.4	10,293.6	0.00	0.00	0.00
22,800.0	90.00	179.60	12,415.0	-10,392.5	-166.7	10,393.6	0.00	0.00	0.00
22,900.0	90.00	179.60	12,415.0	-10,492.5	-166.0	10,493.5	0.00	0.00	0.00
23,000.0	90.00	179.60	12,415.0	-10,592.5	-165.3	10,593.5	0.00	0.00	0.00
23,100.0	90.00	179.60	12,415.0	-10,692.5	-164.6	10,693.5	0.00	0.00	0.00
23,200.0	90.00	179.60	12,415.0	-10,792.5	-163.9	10,793.5	0.00	0.00	0.00
23,300.0	90.00	179.60	12,415.0	-10,892.5	-163.2	10,893.5	0.00	0.00	0.00
23,400.0	90.00	179.60	12,415.0	-10,992.5	-162.5	10,993.5	0.00	0.00	0.00
23,500.0	90.00	179.60	12,415.0	-11,092.5	-161.8	11,093.5	0.00	0.00	0.00
23,600.0	90.00	179.60	12,415.0	-11,192.5	-161.1	11,193.5	0.00	0.00	0.00
23,700.0	90.00	179.60	12,415.0	-11,292.5	-160.4	11,293.5	0.00	0.00	0.00
23,800.0	90.00	179.60	12,415.0	-11,392.5	-159.7	11,393.4	0.00	0.00	0.00
23,900.0	90.00	179.60	12,415.0	-11,492.5	-159.0	11,493.4	0.00	0.00	0.00
24,000.0	90.00	179.60	12,415.0	-11,592.5	-158.3	11,593.4	0.00	0.00	0.00
24,100.0	90.00	179.60	12,415.0	-11,692.5	-157.6	11,693.4	0.00	0.00	0.00
24,200.0	90.00	179.60	12,415.0	-11,792.5	-156.9	11,793.4	0.00	0.00	0.00
24,300.0	90.00	179.60	12,415.0	-11,892.5	-156.2	11,893.4	0.00	0.00	0.00
24,400.0	90.00	179.60	12,415.0	-11,992.5	-155.5	11,993.4	0.00	0.00	0.00
24,500.0	90.00	179.60	12,415.0	-12,092.5	-154.8	12,093.4	0.00	0.00	0.00
24,600.0	90.00	179.60	12,415.0	-12,192.5	-154.0	12,193.3	0.00	0.00	0.00
24,700.0	90.00	179.60	12,415.0	-12,292.5	-153.3	12,293.3	0.00	0.00	0.00
24,800.0	90.00	179.60	12,415.0	-12,392.5	-152.6	12,393.3	0.00	0.00	0.00
24,900.0	90.00	179.60	12,415.0	-12,492.5	-151.9	12,493.3	0.00	0.00	0.00
25,000.0	90.00	179.60	12,415.0	-12,592.5	-151.2	12,593.3	0.00	0.00	0.00
25,100.0	90.00	179.60	12,415.0	-12,692.5	-150.5	12,693.3	0.00	0.00	0.00

ConocoPhillips
Planning Report

Database:	EDT 17 Central Planning Prod	**Local Co-ordinate Reference:**	Well MEAT LOVER FED COM #606H - Slot MEAT LOVER FED COM #606H
Company:	DELAWARE BASIN EAST	**TVD Reference:**	*KB=30' @ 3747.9usft (TBD)
Project:	BULLDOG PROSPECT (DBE)	**MD Reference:**	*KB=30' @ 3747.9usft (TBD)
Site:	MEAT LOVER FED COM PROJECT	**North Reference:**	Grid
Well:	MEAT LOVER FED COM #606H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OWB		
Design:	PWP2		

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)
25,200.0	90.00	179.60	12,415.0	-12,792.5	-149.8	12,793.3	0.00	0.00	0.00
25,300.0	90.00	179.60	12,415.0	-12,892.5	-149.1	12,893.3	0.00	0.00	0.00
25,400.0	90.00	179.60	12,415.0	-12,992.5	-148.4	12,993.2	0.00	0.00	0.00
25,500.0	90.00	179.60	12,415.0	-13,092.5	-147.7	13,093.2	0.00	0.00	0.00
25,600.0	90.00	179.60	12,415.0	-13,192.5	-147.0	13,193.2	0.00	0.00	0.00
25,700.0	90.00	179.60	12,415.0	-13,292.5	-146.3	13,293.2	0.00	0.00	0.00
25,800.0	90.00	179.60	12,415.0	-13,392.4	-145.6	13,393.2	0.00	0.00	0.00
25,900.0	90.00	179.60	12,415.0	-13,492.4	-144.9	13,493.2	0.00	0.00	0.00
26,000.0	90.00	179.60	12,415.0	-13,592.4	-144.2	13,593.2	0.00	0.00	0.00
26,100.0	90.00	179.60	12,415.0	-13,692.4	-143.5	13,693.2	0.00	0.00	0.00
26,200.0	90.00	179.60	12,415.0	-13,792.4	-142.8	13,793.2	0.00	0.00	0.00
26,300.0	90.00	179.60	12,415.0	-13,892.4	-142.1	13,893.1	0.00	0.00	0.00
26,400.0	90.00	179.60	12,415.0	-13,992.4	-141.4	13,993.1	0.00	0.00	0.00
26,500.0	90.00	179.60	12,415.0	-14,092.4	-140.7	14,093.1	0.00	0.00	0.00
26,600.0	90.00	179.60	12,415.0	-14,192.4	-140.0	14,193.1	0.00	0.00	0.00
26,700.0	90.00	179.60	12,415.0	-14,292.4	-139.3	14,293.1	0.00	0.00	0.00
26,800.0	90.00	179.60	12,415.0	-14,392.4	-138.6	14,393.1	0.00	0.00	0.00
26,900.0	90.00	179.60	12,415.0	-14,492.4	-137.9	14,493.1	0.00	0.00	0.00
27,000.0	90.00	179.60	12,415.0	-14,592.4	-137.2	14,593.1	0.00	0.00	0.00
27,100.0	90.00	179.60	12,415.0	-14,692.4	-136.5	14,693.0	0.00	0.00	0.00
27,200.0	90.00	179.60	12,415.0	-14,792.4	-135.7	14,793.0	0.00	0.00	0.00
27,300.0	90.00	179.60	12,415.0	-14,892.4	-135.0	14,893.0	0.00	0.00	0.00
27,400.0	90.00	179.60	12,415.0	-14,992.4	-134.3	14,993.0	0.00	0.00	0.00
27,500.0	90.00	179.60	12,415.0	-15,092.4	-133.6	15,093.0	0.00	0.00	0.00
27,600.0	90.00	179.60	12,415.0	-15,192.4	-132.9	15,193.0	0.00	0.00	0.00
27,700.0	90.00	179.60	12,415.0	-15,292.4	-132.2	15,293.0	0.00	0.00	0.00
27,800.0	90.00	179.60	12,415.0	-15,392.4	-131.5	15,393.0	0.00	0.00	0.00
27,900.0	90.00	179.60	12,415.0	-15,492.4	-130.8	15,492.9	0.00	0.00	0.00
27,931.2	90.00	179.60	12,415.0	-15,523.6	-130.6	15,524.1	0.00	0.00	0.00

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
PBHL (MEAT LOVER FE - plan hits target center - Rectangle (sides W100.0 H15,692.7 D20.0)	0.00	359.60	12,415.0	-15,523.6	-130.6	462,141.10	721,811.50	32° 16' 6.614 N	103° 36' 56.553 W
FTP (MEAT LOVER FEI - plan misses target center by 203.7usft at 12342.9usft MD (12267.9 TVD, 27.7 N, -240.1 E) - Circle (radius 50.0)	0.00	0.00	12,415.0	168.7	-241.0	477,833.40	721,701.10	32° 18' 41.905 N	103° 36' 56.616 W
LTP (MEAT LOVER FEI - plan hits target center - Circle (radius 50.0)	90.00	179.58	12,415.0	-15,473.6	-131.0	462,191.10	721,811.10	32° 16' 7.109 N	103° 36' 56.554 W

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

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

CONDITIONS

Action 289115

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 289115
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
pkautz	REQUIRES NSP	1/17/2024