

Well Name: MEAT LOVER FEDERAL COM	Well Location: T23S / R33E / SEC 18 / NWE /	County or Parish/State:
Well Number: 603H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC0068848	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002550280	Well Status: Approved Application for Permit to Drill	Operator: COG OPERATING LLC

Notice of Intent

Sundry ID: 2761594

Type of Submission: Notice of Intent	Type of Action: APD Change
Date Sundry Submitted: 11/14/2023	Time Sundry Submitted: 02:36
Date proposed operation will begin: 11/14/2023	

Procedure Description: COG Operating requests an amendment to our approved APD for this well to reflect a change in BHL. Change BHL FROM: 50' FSL & 1640' FEL SWSE 30-23S-33E Change BHL TO: 50' FSL & 1100' FEL SWSE 30-23S-33E Lea County, NM

NOI Attachments

Procedure Description

- MEAT_LOVER_FED_COM_603H_PWP3_AC_RPT_20231114143309.pdf
- MEAT_LOVER_FED_COM_603H_PWP3_PLAN_RPT_20231114143309.pdf
- MEAT_LOVER_FED_COM_603H_PWP3_WP_20231114143309.pdf
- MEAT_LOVER_FED_COM_603H_C102_Nad83_signed_11_14_23_20231114143309.pdf

Well Name: MEAT LOVER FEDERAL COM	Well Location: T23S / R33E / SEC 18 / NWNE /	County or Parish/State:
Well Number: 603H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC0068848	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002550280	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: NOV 14, 2023 02:36 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: ZOTA M STEVENS

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5752345998

BLM POC Email Address: ZSTEVENS@BLM.GOV

Disposition: Approved

Disposition Date: 11/21/2023

Signature: Zota Stevens

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.

5. Lease Serial No.	
6. If Indian, Allottee or Tribe Name	
7. If Unit of CA/Agreement, Name and/or No.	
8. Well Name and No.	
9. API Well No.	
10. Field and Pool or Exploratory Area	
11. Country or Parish, State	

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☐ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

3a. Address

3b. Phone No. (include area code)

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

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

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

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

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

(Instructions on page 2)

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 of this form to U.S. Department of the Interior, Bureau of Land 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: NWNE / 270 FNL / 1340 FEL / TWSP: 23S / RANGE: 33E / SECTION: 18 / LAT: 32.311278 / LONG: -103.607259 (TVD: 0 feet, MD: 0 feet)

PPP: NWNE / 100 FNL / 1650 FEL / TWSP: 23S / RANGE: 33E / SECTION: 18 / LAT: 32.311748 / LONG: -103.608263 (TVD: 12315 feet, MD: 12381 feet)

PPP: NWNE / 1 FNL / 1650 FEL / TWSP: 23S / RANGE: 33E / SECTION: 19 / LAT: 32.297514 / LONG: -103.608249 (TVD: 12495 feet, MD: 17600 feet)

BHL: SWSE / 50 FSL / 1640 FEL / TWSP: 23S / RANGE: 33E / SECTION: 30 / LAT: 32.268619 / LONG: -103.608221 (TVD: 12550 feet, MD: 27949 feet)

CONFIDENTIAL

DELAWARE BASIN EAST

LEA COUNTY SOUTHEAST

MEAT LOVER FED COM PROJECT

MEAT LOVER FED COM #603H

OWB

PWP3

Anticollision Report

14 November, 2023

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well MEAT LOVER FED COM #603H - Slot MEAT LOVER FED COM #603H
Project:	LEA COUNTY SOUTHEAST	TVD Reference:	KB=27 @ 3743.4usft
Reference Site:	MEAT LOVER FED COM PROJECT	MD Reference:	KB=27 @ 3743.4usft
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	MEAT LOVER FED COM #603H	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:	PWP3	Offset TVD Reference:	Offset Datum

Reference	PWP3		
Filter type:	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
Interpolation Method:	MD + Stations Interval 100.0usft	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	11/14/2023		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
0.0	11,957.6	PWP3 (OWB)	r.5 SDI_KPR_WL_NS-CT	SDI Keeper Wireline Gyrocomp-Initilzd Cont. rev.5
11,957.6	27,900.8	PWP3 (OWB)	r.5 MWD+IFR1+MS	OWSG MWD + IFR1 + Multi-Station Correction rev.5

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
CALZONE FEDERAL PROJECT						
RODNEY ROBINSON FEDERAL COM #134H - OWB - A	10,114.0	10,158.4	189.9	122.3	2.810	CC, ES
RODNEY ROBINSON FEDERAL COM #134H - OWB - A	11,539.4	11,584.0	199.5	127.2	2.760	SF
MACHO NACHO STATE PROJECT (BULLDOG 2433)						
MIS AMIGOS STATE #907H - OWB - AWP	27,900.8	17,570.0	236.9	79.5	1.505	Advise and Monitor, CC, ES,
MEAT LOVER FED COM PROJECT						
MEAT LOVER FED COM #601H - OWB - PWP4	1,520.3	1,517.1	39.2	29.7	4.092	CC, ES
MEAT LOVER FED COM #601H - OWB - PWP4	27,900.0	27,915.0	771.8	532.8	3.230	SF
MEAT LOVER FED COM #602H - OWB - PWP4	1,360.9	1,360.1	19.6	9.3	1.911	Advise and Monitor, CC, ES,

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well MEAT LOVER FED COM #603H - Slot MEAT LOVER FED COM #603H
Project:	LEA COUNTY SOUTHEAST	TVD Reference:	KB=27 @ 3743.4usft
Reference Site:	MEAT LOVER FED COM PROJECT	MD Reference:	KB=27 @ 3743.4usft
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	MEAT LOVER FED COM #603H	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:	PWP3	Offset TVD Reference:	Offset Datum

TD Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
CALZONE FEDERAL PROJECT						
RODNEY ROBINSON FEDERAL COM #134H - OWB - A	27,900.8	11,679.0				Out of Range @TD
MACHO NACHO STATE PROJECT (BULLDOG 2433)						
MIS AMIGOS STATE #907H - OWB - AWP	27,900.8	17,570.0	236.9	79.5	1.505	Advise and Monitor, CC, ES,
MEAT LOVER FED COM PROJECT						
MEAT LOVER FED COM #601H - OWB - PWP4	27,900.8	27,915.0	771.8	532.9	3.230	
MEAT LOVER FED COM #602H - OWB - PWP4	27,900.8	27,931.8	770.0	497.9	2.829	

Offset Design: CALZONE FEDERAL PROJECT - RODNEY ROBINSON FEDERAL COM #134H - OWB - AWP													Offset Site Error: 0.0 usft
Survey Program: 250-INC-ONLY, 1350-MWD+HDGM													Offset Well Error: 3.0 usft
Reference Measured Depth (usft)	Vertical Depth (usft)	Offset Measured Depth (usft)	Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
3,067.5	3,050.0	3,190.6	3,180.0	7.4	34.1	5.85	742.3	1,003.3	997.2	948.5	48.67	20.491	
3,100.0	3,082.2	3,220.3	3,209.5	7.4	34.1	5.85	740.3	1,000.1	988.8	940.0	48.72	20.296	
3,200.0	3,181.4	3,312.2	3,300.7	7.6	34.2	5.88	734.0	990.7	964.2	915.3	48.89	19.721	
3,300.0	3,280.8	3,424.5	3,412.1	7.8	34.3	5.89	726.3	978.6	940.9	891.9	48.97	19.214	
3,400.0	3,380.4	3,529.2	3,515.6	7.9	34.4	5.85	718.8	965.7	917.9	868.8	49.09	18.698	
3,500.0	3,480.1	3,621.1	3,606.6	8.1	34.5	5.79	712.2	954.5	896.7	847.4	49.29	18.191	
3,600.0	3,580.0	3,714.4	3,699.1	8.3	34.6	5.74	705.9	943.6	877.8	828.3	49.50	17.734	
3,700.0	3,679.9	3,808.1	3,792.0	8.4	34.7	5.69	699.6	933.3	861.1	811.4	49.70	17.326	
3,800.0	3,779.9	3,905.2	3,888.3	8.6	34.8	5.63	693.2	922.8	846.5	796.6	49.89	16.968	
3,867.5	3,847.4	3,970.0	3,952.6	8.6	34.9	54.58	689.1	915.9	837.8	787.8	50.01	16.752	
3,900.0	3,879.9	4,006.5	3,988.8	8.6	34.9	54.56	686.7	912.1	833.8	783.8	50.04	16.663	
4,000.0	3,979.9	4,122.0	4,103.2	8.7	35.1	54.48	678.3	898.4	819.9	769.8	50.11	16.364	
4,100.0	4,079.9	4,215.0	4,195.2	8.8	35.2	54.43	670.9	886.9	805.2	754.9	50.32	16.003	
4,200.0	4,179.9	4,298.1	4,277.6	8.9	35.3	54.51	663.8	878.8	792.3	741.7	50.59	15.662	
4,300.0	4,279.9	4,387.2	4,366.1	9.0	35.4	54.75	655.5	872.6	781.2	730.4	50.82	15.372	
4,400.0	4,379.9	4,490.8	4,469.0	9.0	35.5	55.04	645.9	865.8	770.5	719.5	50.98	15.114	
4,500.0	4,479.9	4,613.6	4,590.8	9.1	35.7	55.28	634.5	855.1	758.1	707.1	51.03	14.856	
4,600.0	4,579.9	4,709.5	4,685.6	9.2	35.8	55.46	624.7	844.9	743.6	692.3	51.25	14.510	
4,700.0	4,679.9	4,805.1	4,780.3	9.3	36.0	55.75	614.4	836.5	730.2	678.8	51.47	14.188	
4,800.0	4,779.9	4,928.6	4,902.5	9.4	36.2	56.03	601.4	823.4	715.7	664.2	51.49	13.900	
4,900.0	4,879.9	5,021.0	4,993.7	9.5	36.3	56.06	592.8	811.5	699.7	647.9	51.75	13.520	
5,000.0	4,979.9	5,119.7	5,091.2	9.5	36.5	56.06	584.3	798.7	684.1	632.2	51.97	13.164	

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

ConocoPhillips

Anticollision Report

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Project:	LEA COUNTY SOUTHEAST	TVD Reference:	KB=27 @ 3743.4usft
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Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	MEAT LOVER FED COM #603H	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:	PWP3	Offset TVD Reference:	Offset Datum

Offset Design: CALZONE FEDERAL PROJECT - RODNEY ROBINSON FEDERAL COM #134H - OWB - AWP												Offset Site Error:	0.0 usft
Survey Program: 250-INC-ONLY, 1350-MWD+HDGM												Offset Well Error:	3.0 usft
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference	Offset	Highside Toolface (°)	Offset Wellbore Centre		Distance		Minimum Separation (usft)	Separation Factor	Warning
				(usft)	(usft)		+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)			
5,100.0	5,079.9	5,220.6	5,190.7	9.6	36.7	55.99	576.0	784.9	668.1	616.0	52.17	12.806	
5,200.0	5,179.9	5,318.4	5,287.3	9.7	36.8	55.91	568.0	771.4	652.2	599.8	52.41	12.445	
5,300.0	5,279.9	5,428.1	5,395.4	9.8	37.0	55.75	559.1	755.2	635.4	582.8	52.53	12.095	
5,400.0	5,379.9	5,532.3	5,497.8	9.9	37.2	55.54	550.1	738.0	616.9	564.2	52.71	11.705	
5,500.0	5,479.9	5,627.5	5,591.3	10.0	37.4	55.32	542.0	722.4	598.5	545.6	52.99	11.296	
5,600.0	5,579.9	5,723.1	5,685.4	10.1	37.6	55.09	534.3	707.0	580.7	527.5	53.26	10.903	
5,700.0	5,679.9	5,819.6	5,780.4	10.1	37.8	54.87	526.3	692.0	563.2	509.7	53.54	10.520	
5,800.0	5,779.9	5,914.1	5,873.5	10.2	38.0	54.69	518.5	677.9	546.3	492.4	53.84	10.147	
5,900.0	5,879.9	6,008.3	5,966.4	10.3	38.2	54.56	510.7	664.7	530.1	475.9	54.14	9.791	
6,000.0	5,979.9	6,103.3	6,060.3	10.4	38.4	54.46	503.0	652.4	514.7	460.3	54.44	9.455	
6,100.0	6,079.9	6,198.4	6,154.4	10.5	38.6	54.38	495.4	640.6	500.0	445.3	54.74	9.135	
6,200.0	6,179.9	6,292.8	6,247.9	10.6	38.8	54.32	488.2	629.7	486.2	431.2	55.05	8.833	
6,300.0	6,279.9	6,389.5	6,343.7	10.7	39.0	54.29	481.1	619.4	473.3	417.9	55.34	8.552	
6,400.0	6,379.9	6,487.1	6,440.5	10.8	39.2	54.23	474.2	609.0	460.5	404.9	55.62	8.279	
6,500.0	6,479.9	6,583.1	6,535.9	10.9	39.4	54.19	467.7	599.3	448.4	392.4	55.92	8.018	
6,600.0	6,579.9	6,679.0	6,631.2	10.9	39.6	54.18	461.2	590.4	436.9	380.7	56.22	7.771	
6,700.0	6,679.9	6,777.6	6,729.1	11.0	39.8	54.21	454.9	581.9	426.1	369.6	56.51	7.542	
6,800.0	6,779.9	6,879.3	6,830.2	11.1	40.0	54.20	448.3	572.8	415.1	358.3	56.77	7.312	
6,900.0	6,879.9	6,980.3	6,930.5	11.2	40.3	54.10	442.0	562.8	403.5	346.4	57.05	7.073	
7,000.0	6,979.9	7,079.8	7,029.3	11.3	40.5	54.02	435.6	553.0	391.6	334.3	57.34	6.830	
7,100.0	7,079.9	7,177.8	7,126.7	11.4	40.7	53.89	429.5	543.2	379.9	322.3	57.64	6.591	
7,200.0	7,179.9	7,276.4	7,224.6	11.5	40.9	53.74	423.7	533.5	368.5	310.6	57.95	6.360	
7,300.0	7,279.9	7,374.0	7,321.6	11.6	41.1	53.58	418.1	524.2	357.5	299.2	58.26	6.135	
7,400.0	7,379.9	7,470.4	7,417.4	11.7	41.4	53.40	413.0	515.5	347.1	288.5	58.59	5.924	
7,500.0	7,479.9	7,579.6	7,525.9	11.8	41.6	53.08	407.2	504.5	335.8	277.0	58.81	5.710	
7,600.0	7,579.9	7,684.3	7,629.6	11.9	41.9	52.64	400.5	491.5	322.0	263.0	59.06	5.452	
7,700.0	7,679.9	7,782.2	7,726.4	12.0	42.1	52.16	394.0	478.9	307.7	248.3	59.40	5.180	
7,800.0	7,779.9	7,879.6	7,822.9	12.1	42.4	51.66	387.7	466.6	293.8	234.1	59.76	4.917	
7,900.0	7,879.9	7,975.9	7,918.4	12.2	42.6	51.19	381.6	455.3	280.7	220.6	60.12	4.669	
8,000.0	7,979.9	8,072.2	8,013.9	12.3	42.8	50.74	376.0	444.9	268.6	208.1	60.49	4.441	
8,100.0	8,079.9	8,169.5	8,110.6	12.4	43.1	50.29	370.8	435.3	257.6	196.8	60.85	4.233	
8,200.0	8,179.9	8,267.8	8,208.3	12.5	43.3	49.90	365.4	426.2	247.0	185.8	61.20	4.036	
8,300.0	8,279.9	8,365.1	8,305.2	12.6	43.6	49.56	360.4	418.1	237.3	175.7	61.55	3.855	
8,400.0	8,379.9	8,463.5	8,403.2	12.7	43.8	49.22	355.5	410.3	228.1	166.2	61.90	3.685	
8,500.0	8,479.9	8,561.4	8,500.7	12.8	44.1	48.89	351.1	403.2	219.6	157.4	62.25	3.528	
8,600.0	8,579.9	8,656.5	8,595.5	12.9	44.3	48.57	347.3	397.2	212.3	149.7	62.61	3.391	
8,700.0	8,679.9	8,750.9	8,689.8	13.0	44.5	48.68	344.4	394.4	208.0	145.1	62.92	3.306	
8,800.0	8,779.9	8,850.1	8,789.0	13.1	44.7	49.00	341.6	393.0	205.1	141.8	63.24	3.243	
8,900.0	8,879.9	8,947.7	8,886.6	13.2	44.9	49.20	339.3	391.4	202.3	138.8	63.54	3.185	
9,000.0	8,979.9	9,044.3	8,983.1	13.3	45.1	48.94	339.6	390.3	201.6	137.8	63.83	3.159	
9,006.6	8,986.5	9,050.8	8,989.6	13.3	45.2	48.92	339.6	390.3	201.6	137.8	63.85	3.158	
9,100.0	9,079.9	9,144.1	9,082.9	13.4	45.4	48.52	340.8	389.4	201.8	137.6	64.16	3.145	
9,200.0	9,179.9	9,248.7	9,187.5	13.5	45.6	48.12	341.3	387.9	201.0	136.5	64.55	3.114	
9,300.0	9,279.9	9,351.8	9,290.5	13.6	45.8	48.13	339.0	385.4	197.7	132.8	64.90	3.047	
9,400.0	9,379.9	9,447.7	9,386.4	13.7	46.1	48.09	337.1	383.1	194.7	129.4	65.22	2.985	
9,500.0	9,479.9	9,545.9	9,484.6	13.8	46.3	47.83	337.0	381.7	193.5	128.0	65.55	2.953	
9,600.0	9,579.9	9,646.6	9,585.2	13.9	46.5	47.43	337.4	380.1	192.6	126.7	65.91	2.922	
9,700.0	9,679.9	9,745.4	9,684.1	14.0	46.7	47.23	337.3	379.0	191.7	125.4	66.24	2.894	
9,785.8	9,765.6	9,830.1	9,768.7	14.1	46.9	47.56	336.3	379.6	191.4	124.9	66.50	2.879	
9,800.0	9,779.9	9,844.2	9,782.8	14.1	47.0	47.64	336.1	379.7	191.4	124.9	66.54	2.877	
9,900.0	9,879.9	9,945.1	9,883.7	14.2	47.2	48.10	334.9	380.7	191.3	124.4	66.87	2.861	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well MEAT LOVER FED COM #603H - Slot MEAT LOVER FED COM #603H
Project:	LEA COUNTY SOUTHEAST	TVD Reference:	KB=27 @ 3743.4usft
Reference Site:	MEAT LOVER FED COM PROJECT	MD Reference:	KB=27 @ 3743.4usft
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	MEAT LOVER FED COM #603H	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:	PWP3	Offset TVD Reference:	Offset Datum

Offset Design: CALZONE FEDERAL PROJECT - RODNEY ROBINSON FEDERAL COM #134H - OWB - AWP													Offset Site Error:	0.0 usft
Survey Program:		250-INC-ONLY, 1350-MWD+HDGM						Rule Assigned:					Offset Well Error:	3.0 usft
Reference		Offset		Semi Major Axis		Offset Wellbore Centre			Distance				Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,000.0	9,979.9	10,045.8	9,984.4	14.3	47.4	48.42	333.7	380.9	190.7	123.5	67.20	2.838		
10,100.0	10,079.9	10,145.2	10,083.8	14.4	47.6	48.64	332.6	380.8	189.9	122.4	67.53	2.812		
10,114.0	10,093.9	10,158.4	10,097.0	14.4	47.7	48.67	332.5	380.9	189.9	122.3	67.57	2.810	CC, ES	
10,200.0	10,179.9	10,240.3	10,178.9	14.5	47.8	49.11	332.1	382.6	190.9	123.1	67.77	2.817		
10,300.0	10,279.9	10,339.3	10,277.9	14.6	48.1	49.80	331.9	386.0	193.4	125.4	68.05	2.842		
10,400.0	10,379.9	10,440.4	10,378.9	14.7	48.3	50.31	332.1	388.9	195.7	127.4	68.38	2.862		
10,500.0	10,479.9	10,541.2	10,479.6	14.8	48.5	50.66	332.5	391.2	197.7	129.0	68.71	2.878		
10,600.0	10,579.9	10,642.3	10,580.7	14.9	48.7	50.84	332.8	392.6	199.0	130.0	69.05	2.882		
10,700.0	10,679.9	10,743.0	10,681.5	15.0	48.9	50.98	333.1	393.7	200.0	130.7	69.39	2.883		
10,800.0	10,779.9	10,844.0	10,782.4	15.1	49.2	51.22	332.7	394.5	200.5	130.7	69.74	2.875		
10,900.0	10,879.9	10,944.1	10,882.5	15.2	49.4	51.65	331.6	395.7	200.7	130.6	70.07	2.864		
11,000.0	10,979.9	11,044.1	10,982.5	15.3	49.6	52.15	330.4	397.0	201.0	130.5	70.41	2.854		
11,100.0	11,079.9	11,144.5	11,082.9	15.4	49.9	52.56	329.4	398.0	201.1	130.4	70.75	2.843		
11,200.0	11,179.9	11,245.7	11,184.1	15.5	50.1	53.03	328.0	398.8	200.9	129.8	71.11	2.825		
11,300.0	11,279.9	11,345.5	11,283.9	15.6	50.3	53.54	326.2	399.4	200.3	128.9	71.45	2.804		
11,400.0	11,379.9	11,445.2	11,383.5	15.7	50.6	54.04	324.6	400.1	200.0	128.2	71.79	2.785		
11,500.0	11,479.9	11,545.4	11,483.7	15.8	50.8	54.44	323.2	400.7	199.6	127.5	72.14	2.767		
11,539.4	11,519.2	11,584.0	11,522.3	15.9	50.9	54.59	322.7	400.8	199.5	127.2	72.27	2.760	SF	
11,600.0	11,579.9	11,635.7	11,574.0	15.9	51.0	54.44	323.8	401.4	200.7	128.4	72.32	2.775		
11,700.0	11,679.9	11,714.0	11,651.8	16.0	51.2	52.87	332.3	403.7	209.8	137.8	72.02	2.913		
11,800.0	11,779.9	11,774.0	11,709.8	16.1	51.3	50.44	347.0	407.6	231.5	161.0	70.42	3.287		
11,900.0	11,879.9	11,853.2	11,783.1	16.2	51.5	46.34	375.8	415.0	264.0	194.1	69.85	3.779		
11,957.6	11,937.5	11,891.8	11,817.3	16.3	51.5	44.21	393.1	419.2	287.3	218.1	69.20	4.152		
11,975.0	11,954.9	11,903.3	11,827.4	16.3	51.5	-135.29	398.7	420.5	295.1	226.1	69.00	4.277		
12,000.0	11,979.8	11,919.1	11,841.0	16.3	51.5	-135.15	406.5	422.3	307.4	238.7	68.71	4.473		
12,025.0	12,004.7	11,933.9	11,853.6	16.3	51.6	-134.90	414.0	423.9	321.0	252.5	68.43	4.690		
12,050.0	12,029.3	11,947.6	11,865.1	16.3	51.6	-134.49	421.3	425.4	335.8	267.6	68.15	4.927		
12,075.0	12,053.7	11,965.0	11,879.5	16.3	51.6	-134.35	430.8	427.2	351.8	283.6	68.16	5.161		
12,100.0	12,077.8	11,965.0	11,879.5	16.3	51.6	-132.29	430.8	427.2	368.9	301.6	67.25	5.485		
12,125.0	12,101.5	11,965.0	11,879.5	16.4	51.6	-129.78	430.8	427.2	387.5	321.0	66.45	5.831		
12,150.0	12,124.7	11,989.5	11,899.4	16.4	51.6	-130.15	444.9	429.7	406.1	339.0	67.08	6.053		
12,175.0	12,147.4	11,997.0	11,905.4	16.4	51.6	-128.10	449.4	430.5	426.0	359.2	66.86	6.372		
12,200.0	12,169.6	12,003.3	11,910.4	16.4	51.6	-125.51	453.2	431.0	446.8	380.1	66.66	6.702		
12,225.0	12,191.1	12,008.7	11,914.5	16.4	51.7	-122.29	456.5	431.5	468.3	401.8	66.50	7.041		
12,250.0	12,211.9	12,013.0	11,917.9	16.5	51.7	-118.31	459.3	431.9	490.3	423.9	66.37	7.387		
12,275.0	12,232.0	12,016.5	11,920.6	16.5	51.7	-113.47	461.5	432.2	512.8	446.5	66.27	7.738		
12,300.0	12,251.3	12,019.1	11,922.6	16.5	51.7	-107.65	463.1	432.4	535.7	469.5	66.20	8.093		
12,325.0	12,269.7	12,020.8	11,923.9	16.5	51.7	-100.82	464.2	432.6	558.9	492.8	66.15	8.449		
12,350.0	12,287.2	12,021.8	11,924.7	16.6	51.7	-93.06	464.9	432.6	582.4	516.2	66.14	8.805		
12,375.0	12,303.7	12,022.2	11,924.9	16.6	51.7	-84.60	465.1	432.7	606.0	539.8	66.15	9.160		
12,400.0	12,319.2	12,021.8	11,924.7	16.6	51.7	-75.84	464.8	432.6	629.6	563.4	66.19	9.512		
12,425.0	12,333.7	12,020.8	11,923.9	16.6	51.7	-67.25	464.2	432.6	653.3	587.0	66.25	9.861		
12,450.0	12,347.1	12,019.3	11,922.7	16.7	51.7	-59.25	463.2	432.4	676.9	610.6	66.33	10.204		
12,475.0	12,359.4	12,017.2	11,921.1	16.7	51.7	-52.09	461.9	432.3	700.3	633.9	66.43	10.542		
12,500.0	12,370.5	12,014.6	11,919.2	16.7	51.7	-45.88	460.3	432.0	723.6	657.1	66.55	10.873		
12,525.0	12,380.5	12,011.6	11,916.8	16.7	51.7	-40.58	458.4	431.8	746.6	680.0	66.69	11.196		
12,550.0	12,389.2	12,008.1	11,914.1	16.8	51.7	-36.11	456.2	431.5	769.4	702.5	66.84	11.511		
12,575.0	12,396.7	12,004.3	11,911.1	16.8	51.6	-32.33	453.8	431.1	791.8	724.8	67.00	11.817		
12,600.0	12,402.9	12,000.1	11,907.8	16.8	51.6	-29.14	451.2	430.7	813.8	746.6	67.18	12.113		
12,625.0	12,407.8	11,995.5	11,904.2	16.8	51.6	-26.44	448.5	430.3	835.3	768.0	67.36	12.400		
12,650.0	12,411.5	11,965.0	11,879.5	16.8	51.6	-22.79	430.8	427.2	857.4	790.5	66.88	12.819		

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well MEAT LOVER FED COM #603H - Slot MEAT LOVER FED COM #603H
Project:	LEA COUNTY SOUTHEAST	TVD Reference:	KB=27 @ 3743.4usft
Reference Site:	MEAT LOVER FED COM PROJECT	MD Reference:	KB=27 @ 3743.4usft
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	MEAT LOVER FED COM #603H	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:	PWP3	Offset TVD Reference:	Offset Datum

Offset Design:	CALZONE FEDERAL PROJECT - RODNEY ROBINSON FEDERAL COM #134H - OWB - AWP											Offset Site Error:	0.0 usft
Survey Program:	250-INC-ONLY, 1350-MWD+HDGM											Offset Well Error:	3.0 usft
Reference	Offset	Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Rule Assigned:		Minimum Separation (usft)	Separation Factor	Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)		Reference (usft)	Offset (usft)	Between Centres (usft)	Between Ellipses (usft)					
12,675.0	12,413.9	11,965.0	11,879.5		16.8	51.6	-21.24	430.8	427.2	877.6	810.4	67.24	13.051
12,700.0	12,414.9	11,965.0	11,879.5		16.8	51.6	-19.88	430.8	427.2	897.4	829.8	67.60	13.274
12,707.6	12,415.0	11,965.0	11,879.5		16.8	51.6	-19.50	430.8	427.2	903.3	835.6	67.71	13.340
12,800.0	12,415.0	11,965.0	11,879.5		16.9	51.6	-19.50	430.8	427.2	976.6	907.6	68.95	14.164

ConocoPhillips
Anticollision Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well MEAT LOVER FED COM #603H - Slot MEAT LOVER FED COM #603H
Project:	LEA COUNTY SOUTHEAST	TVD Reference:	KB=27 @ 3743.4usft
Reference Site:	MEAT LOVER FED COM PROJECT	MD Reference:	KB=27 @ 3743.4usft
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	MEAT LOVER FED COM #603H	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:	PWP3	Offset TVD Reference:	Offset Datum

Offset Design: MACHO NACHO STATE PROJECT (BULLDOG 2433) - MIS AMIGOS STATE #907H - OWB - AWP													Offset Site Error:	0.0 usft
Survey Program: 80-MWD - OWSG R1													Offset Well Error:	3.0 usft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Rule Assigned:		Minimum Separation (usft)	Separation Factor	Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)				
27,100.0	12,415.0	17,570.0	12,489.3	114.9	94.6	-143.10	-15,621.0	463.6	975.6	887.7	87.84	11.106		
27,200.0	12,415.0	17,570.0	12,489.3	115.6	94.6	-143.10	-15,621.0	463.6	877.4	788.1	89.33	9.822		
27,300.0	12,415.0	17,570.0	12,489.3	116.4	94.6	-143.10	-15,621.0	463.6	779.7	688.4	91.32	8.538		
27,400.0	12,415.0	17,570.0	12,489.3	117.1	94.6	-143.10	-15,621.0	463.6	682.6	588.5	94.08	7.256		
27,500.0	12,415.0	17,570.0	12,489.3	117.9	94.6	-143.10	-15,621.0	463.6	586.6	488.5	98.09	5.980		
27,600.0	12,415.0	17,570.0	12,489.3	118.7	94.6	-143.10	-15,621.0	463.6	492.1	387.9	104.19	4.723		
27,700.0	12,415.0	17,570.0	12,489.3	119.4	94.6	-143.10	-15,621.0	463.6	400.3	286.3	113.96	3.513		
27,800.0	12,415.0	17,570.0	12,489.3	120.2	94.6	-143.10	-15,621.0	463.6	313.6	183.3	130.28	2.407		
27,900.0	12,415.0	17,570.0	12,489.3	121.0	94.6	-143.10	-15,621.0	463.6	237.5	80.3	157.20	1.511 Advise and Monitor		
27,900.8	12,415.0	17,570.0	12,489.3	121.0	94.6	-143.10	-15,621.0	463.6	236.9	79.5	157.48	1.505 Advise and Monitor, CC, ES, SF		

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well MEAT LOVER FED COM #603H - Slot MEAT LOVER FED COM #603H
Project:	LEA COUNTY SOUTHEAST	TVD Reference:	KB=27 @ 3743.4usft
Reference Site:	MEAT LOVER FED COM PROJECT	MD Reference:	KB=27 @ 3743.4usft
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	MEAT LOVER FED COM #603H	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:	PWP3	Offset TVD Reference:	Offset Datum

Offset Design: MEAT LOVER FED COM PROJECT - MEAT LOVER FED COM #601H - OWB - PWP4													Offset Site Error:	0.0 usft
Survey Program:		0-r.5 SDI_KPR_WL_NS-CT, 12026-r.5 MWD+IFR1+MS						Rule Assigned:					Offset Well Error:	3.0 usft
Reference	Offset	Semi Major Axis		Offset Wellbore Centre		Distance				Warning				
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
0.0	0.0	0.0	0.0	3.0	3.0	89.81	0.2	60.0	60.0					
100.0	100.0	99.4	99.4	3.1	3.1	89.81	0.2	60.0	60.0	53.5	6.53	9.188		
200.0	200.0	199.4	199.4	3.2	3.2	89.81	0.2	60.0	60.0	53.2	6.77	8.863		
300.0	300.0	299.4	299.4	3.3	3.3	89.81	0.2	60.0	60.0	53.0	7.00	8.571		
400.0	400.0	399.4	399.4	3.4	3.4	89.81	0.2	60.0	60.0	52.8	7.22	8.306		
500.0	500.0	499.4	499.4	3.6	3.6	89.81	0.2	60.0	60.0	52.6	7.44	8.065		
600.0	600.0	599.4	599.4	3.7	3.7	89.81	0.2	60.0	60.0	52.4	7.65	7.845		
700.0	700.0	699.4	699.4	3.8	3.8	89.81	0.2	60.0	60.0	52.1	7.85	7.642		
800.0	800.0	799.4	799.4	3.9	3.9	89.81	0.2	60.0	60.0	52.0	8.05	7.454		
900.0	900.0	899.4	899.4	4.0	4.0	89.81	0.2	60.0	60.0	51.8	8.24	7.279		
1,000.0	1,000.0	999.4	999.4	4.2	4.2	89.81	0.2	60.0	60.0	51.6	8.43	7.117		
1,100.0	1,100.0	1,099.4	1,099.4	4.3	4.3	41.94	0.2	60.0	58.7	50.0	8.68	6.761		
1,200.0	1,199.8	1,199.2	1,199.2	4.6	4.4	45.64	0.2	60.0	54.9	46.0	8.91	6.162		
1,300.0	1,299.5	1,298.9	1,298.9	4.8	4.5	52.99	0.2	60.0	49.2	40.1	9.11	5.402		
1,400.0	1,398.7	1,398.1	1,398.1	5.0	4.6	66.12	0.2	60.0	43.0	33.7	9.28	4.630		
1,500.0	1,497.7	1,497.1	1,497.1	5.1	4.8	84.78	0.2	60.0	39.4	29.9	9.52	4.138		
1,520.3	1,517.8	1,517.1	1,517.1	5.1	4.8	88.76	0.2	60.0	39.2	29.7	9.59	4.092 CC, ES		
1,600.0	1,596.8	1,595.8	1,595.8	5.2	4.9	102.36	0.5	61.6	41.0	31.1	9.88	4.148		
1,700.0	1,695.8	1,695.0	1,694.9	5.3	5.0	113.21	1.6	66.5	46.3	36.1	10.18	4.543		
1,800.0	1,794.8	1,794.6	1,794.1	5.5	5.1	117.89	3.3	74.8	52.8	42.4	10.42	5.065		
1,900.0	1,893.8	1,894.4	1,893.2	5.6	5.3	118.19	5.8	86.5	59.5	48.9	10.60	5.615		
2,000.0	1,992.9	1,994.0	1,991.6	5.8	5.5	115.42	9.0	101.6	66.4	55.7	10.73	6.190		
2,100.0	2,091.9	2,093.5	2,089.3	5.9	5.6	110.76	12.9	119.6	73.7	63.0	10.77	6.849		
2,200.0	2,190.9	2,193.0	2,187.0	6.0	5.7	106.58	16.8	138.2	81.6	70.8	10.86	7.517		
2,300.0	2,289.9	2,292.6	2,284.7	6.2	5.8	103.15	20.8	156.8	89.8	78.9	10.97	8.192		
2,400.0	2,389.0	2,392.1	2,382.4	6.3	5.9	100.30	24.7	175.3	98.3	87.2	11.09	8.867		
2,500.0	2,488.0	2,491.6	2,480.1	6.5	6.1	97.90	28.7	193.9	107.0	95.8	11.22	9.535		
2,600.0	2,587.0	2,591.2	2,577.8	6.7	6.2	95.87	32.6	212.5	115.9	104.5	11.37	10.193		
2,700.0	2,686.1	2,690.7	2,675.5	6.8	6.3	94.13	36.6	231.1	124.8	113.3	11.52	10.836		
2,800.0	2,785.1	2,790.2	2,773.2	7.0	6.5	92.62	40.5	249.6	133.9	122.2	11.68	11.462		
2,900.0	2,884.1	2,889.7	2,870.9	7.1	6.6	91.31	44.5	268.2	143.1	131.2	11.85	12.071		
3,000.0	2,983.1	2,989.3	2,968.6	7.3	6.8	90.15	48.4	286.8	152.3	140.2	12.03	12.660		
3,067.5	3,050.0	3,056.5	3,034.6	7.4	6.9	89.45	51.1	299.3	158.5	146.4	12.13	13.070		
3,100.0	3,082.2	3,088.8	3,066.3	7.4	6.9	89.13	52.4	305.4	161.5	149.4	12.17	13.271		
3,200.0	3,181.4	3,188.3	3,164.0	7.6	7.1	87.82	56.3	323.9	170.9	158.6	12.36	13.825		
3,300.0	3,280.8	3,287.7	3,261.6	7.8	7.2	86.12	60.2	342.5	180.5	167.9	12.56	14.367		
3,400.0	3,380.4	3,386.9	3,359.0	7.9	7.4	84.08	64.2	361.0	190.4	177.6	12.78	14.901		
3,500.0	3,480.1	3,486.0	3,456.3	8.1	7.5	81.76	68.1	379.5	200.8	187.8	13.01	15.431		
3,600.0	3,580.0	3,585.0	3,553.4	8.3	7.7	79.23	72.0	398.0	211.8	198.5	13.27	15.967		
3,700.0	3,679.9	3,683.7	3,650.3	8.4	7.9	76.54	76.0	416.4	223.6	210.1	13.55	16.511		
3,800.0	3,779.9	3,782.2	3,747.0	8.6	8.0	73.75	79.9	434.8	236.4	222.6	13.86	17.065		
3,867.5	3,847.4	3,848.5	3,812.1	8.6	8.2	120.82	82.5	447.2	245.7	231.6	14.06	17.475		
3,900.0	3,879.9	3,880.4	3,843.4	8.6	8.2	119.87	83.8	453.1	250.3	236.2	14.16	17.684		
4,000.0	3,979.9	3,978.6	3,939.8	8.7	8.4	117.13	87.7	471.4	264.9	250.5	14.49	18.283		
4,100.0	4,079.9	4,076.7	4,036.1	8.8	8.6	114.68	91.5	489.8	280.1	265.3	14.83	18.891		
4,200.0	4,179.9	4,174.9	4,132.5	8.9	8.7	112.49	95.4	508.1	295.7	280.6	15.16	19.505		
4,300.0	4,279.9	4,273.1	4,228.9	9.0	8.9	110.51	99.3	526.4	311.7	296.2	15.49	20.122		
4,400.0	4,379.9	4,371.2	4,325.2	9.0	9.1	108.73	103.2	544.7	328.1	312.2	15.82	20.739		
4,500.0	4,479.9	4,469.4	4,421.6	9.1	9.3	107.11	107.1	563.0	344.7	328.5	16.14	21.354		
4,600.0	4,579.9	4,567.6	4,517.9	9.2	9.4	105.65	111.0	581.4	361.5	345.1	16.46	21.966		
4,700.0	4,679.9	4,665.7	4,614.3	9.3	9.6	104.31	114.9	599.7	378.6	361.8	16.77	22.572		

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well MEAT LOVER FED COM #603H - Slot MEAT LOVER FED COM #603H
Project:	LEA COUNTY SOUTHEAST	TVD Reference:	KB=27 @ 3743.4usft
Reference Site:	MEAT LOVER FED COM PROJECT	MD Reference:	KB=27 @ 3743.4usft
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	MEAT LOVER FED COM #603H	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:	PWP3	Offset TVD Reference:	Offset Datum

Offset Design: MEAT LOVER FED COM PROJECT - MEAT LOVER FED COM #601H - OWB - PWP4													Offset Site Error: 0.0 usft		
Survey Program: Reference		0-r.5 SDI_KPR_WL_NS-CT, 12026-r.5 MWD+IFR1+MS		Offset		Semi Major Axis		Offset Wellbore Centre		Rule Assigned: Distance				Offset Well Error: 3.0 usft	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning		
4,800.0	4,779.9	4,763.9	4,710.6	9.4	9.8	103.09	118.8	618.0	395.9	378.8	17.08	23.171			
4,900.0	4,879.9	4,862.0	4,807.0	9.5	10.0	101.97	122.7	636.3	413.3	395.9	17.39	23.762			
5,000.0	4,979.9	4,960.2	4,903.4	9.5	10.2	100.95	126.6	654.6	430.8	413.1	17.70	24.344			
5,100.0	5,079.9	5,058.4	4,999.7	9.6	10.4	100.00	130.5	673.0	448.5	430.5	18.00	24.917			
5,200.0	5,179.9	5,156.5	5,096.1	9.7	10.5	99.12	134.4	691.3	466.3	448.0	18.30	25.480			
5,300.0	5,279.9	5,254.7	5,192.4	9.8	10.7	98.31	138.3	709.6	484.2	465.6	18.60	26.033			
5,400.0	5,379.9	5,352.9	5,288.8	9.9	10.9	97.56	142.2	727.9	502.2	483.3	18.90	26.576			
5,500.0	5,479.9	5,451.0	5,385.2	10.0	11.1	96.85	146.1	746.2	520.2	501.0	19.19	27.108			
5,600.0	5,579.9	5,549.2	5,481.5	10.1	11.3	96.20	150.0	764.6	538.3	518.9	19.48	27.629			
5,700.0	5,679.9	5,647.3	5,577.9	10.1	11.5	95.59	153.9	782.9	556.5	536.8	19.78	28.140			
5,800.0	5,779.9	5,745.5	5,674.2	10.2	11.7	95.01	157.7	801.2	574.8	554.7	20.07	28.640			
5,900.0	5,879.9	5,843.7	5,770.6	10.3	11.9	94.47	161.6	819.5	593.1	572.7	20.36	29.129			
6,000.0	5,979.9	5,941.8	5,867.0	10.4	12.1	93.97	165.5	837.9	611.4	590.8	20.65	29.608			
6,100.0	6,079.9	6,040.0	5,963.3	10.5	12.3	93.49	169.4	856.2	629.8	608.9	20.94	30.076			
6,200.0	6,179.9	6,138.2	6,059.7	10.6	12.5	93.04	173.3	874.5	648.2	627.0	21.23	30.534			
6,300.0	6,279.9	6,236.3	6,156.0	10.7	12.7	92.62	177.2	892.8	666.7	645.2	21.52	30.980			
6,400.0	6,379.9	6,338.1	6,256.0	10.8	12.9	92.20	181.2	911.7	685.1	663.3	21.82	31.403			
6,500.0	6,479.9	6,449.7	6,365.8	10.9	13.1	91.80	185.3	930.9	702.2	680.1	22.12	31.745			
6,600.0	6,579.9	6,562.0	6,476.7	10.9	13.3	91.46	189.0	948.1	717.4	695.0	22.42	32.005			
6,700.0	6,679.9	6,675.0	6,588.6	11.0	13.5	91.18	192.2	963.3	730.8	708.1	22.70	32.189			
6,800.0	6,779.9	6,788.5	6,701.4	11.1	13.7	90.94	195.0	976.3	742.2	719.3	22.98	32.300			
6,900.0	6,879.9	6,902.5	6,814.8	11.2	13.9	90.75	197.3	987.2	751.8	728.5	23.25	32.342			
7,000.0	6,979.9	7,016.9	6,928.9	11.3	14.1	90.60	199.1	995.9	759.4	735.9	23.50	32.318			
7,100.0	7,079.9	7,131.7	7,043.5	11.4	14.3	90.50	200.5	1,002.4	765.0	741.3	23.74	32.232			
7,200.0	7,179.9	7,246.6	7,158.3	11.5	14.5	90.42	201.4	1,006.7	768.7	744.8	23.96	32.089			
7,300.0	7,279.9	7,361.7	7,273.4	11.6	14.6	90.39	201.9	1,008.7	770.5	746.4	24.12	31.941			
7,400.0	7,379.9	7,467.6	7,379.3	11.7	14.7	90.39	201.9	1,008.9	770.6	746.4	24.21	31.835			
7,500.0	7,479.9	7,567.6	7,479.3	11.8	14.7	90.39	201.9	1,008.9	770.6	746.4	24.27	31.756			
7,600.0	7,579.9	7,667.6	7,579.3	11.9	14.8	90.39	201.9	1,008.9	770.6	746.3	24.33	31.676			
7,700.0	7,679.9	7,767.6	7,679.3	12.0	14.8	90.39	201.9	1,008.9	770.6	746.3	24.39	31.596			
7,800.0	7,779.9	7,867.6	7,779.3	12.1	14.9	90.39	201.9	1,008.9	770.6	746.2	24.45	31.517			
7,900.0	7,879.9	7,967.6	7,879.3	12.2	14.9	90.39	201.9	1,008.9	770.6	746.1	24.51	31.439			
8,000.0	7,979.9	8,067.6	7,979.3	12.3	15.0	90.39	201.9	1,008.9	770.6	746.1	24.57	31.361			
8,100.0	8,079.9	8,167.6	8,079.3	12.4	15.0	90.39	201.9	1,008.9	770.6	746.0	24.63	31.284			
8,200.0	8,179.9	8,267.6	8,179.3	12.5	15.0	90.39	201.9	1,008.9	770.6	745.9	24.69	31.208			
8,300.0	8,279.9	8,367.6	8,279.3	12.6	15.1	90.39	201.9	1,008.9	770.6	745.9	24.75	31.132			
8,400.0	8,379.9	8,467.6	8,379.3	12.7	15.1	90.39	201.9	1,008.9	770.6	745.8	24.81	31.056			
8,500.0	8,479.9	8,567.6	8,479.3	12.8	15.2	90.39	201.9	1,008.9	770.6	745.8	24.87	30.981			
8,600.0	8,579.9	8,667.6	8,579.3	12.9	15.2	90.39	201.9	1,008.9	770.6	745.7	24.93	30.907			
8,700.0	8,679.9	8,767.6	8,679.3	13.0	15.3	90.39	201.9	1,008.9	770.6	745.6	24.99	30.833			
8,800.0	8,779.9	8,867.6	8,779.3	13.1	15.3	90.39	201.9	1,008.9	770.6	745.6	25.05	30.760			
8,900.0	8,879.9	8,967.6	8,879.3	13.2	15.4	90.39	201.9	1,008.9	770.6	745.5	25.11	30.687			
9,000.0	8,979.9	9,067.6	8,979.3	13.3	15.4	90.39	201.9	1,008.9	770.6	745.5	25.17	30.615			
9,100.0	9,079.9	9,167.6	9,079.3	13.4	15.5	90.39	201.9	1,008.9	770.6	745.4	25.23	30.543			
9,200.0	9,179.9	9,267.6	9,179.3	13.5	15.5	90.39	201.9	1,008.9	770.6	745.4	25.29	30.472			
9,300.0	9,279.9	9,367.6	9,279.3	13.6	15.6	90.39	201.9	1,008.9	770.6	745.3	25.35	30.401			
9,400.0	9,379.9	9,467.6	9,379.3	13.7	15.6	90.39	201.9	1,008.9	770.6	745.2	25.41	30.331			
9,500.0	9,479.9	9,567.6	9,479.3	13.8	15.7	90.39	201.9	1,008.9	770.6	745.2	25.47	30.261			
9,600.0	9,579.9	9,667.6	9,579.3	13.9	15.7	90.39	201.9	1,008.9	770.6	745.1	25.52	30.192			
9,700.0	9,679.9	9,767.6	9,679.3	14.0	15.8	90.39	201.9	1,008.9	770.6	745.1	25.58	30.123			
9,800.0	9,779.9	9,867.6	9,779.3	14.1	15.8	90.39	201.9	1,008.9	770.6	745.0	25.64	30.055			

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well MEAT LOVER FED COM #603H - Slot MEAT LOVER FED COM #603H
Project:	LEA COUNTY SOUTHEAST	TVD Reference:	KB=27 @ 3743.4usft
Reference Site:	MEAT LOVER FED COM PROJECT	MD Reference:	KB=27 @ 3743.4usft
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	MEAT LOVER FED COM #603H	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:	PWP3	Offset TVD Reference:	Offset Datum

Offset Design: MEAT LOVER FED COM PROJECT - MEAT LOVER FED COM #601H - OWB - PWP4												Offset Site Error:	0.0 usft
Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 12026-r.5 MWD+IFR1+MS												Offset Well Error:	3.0 usft
Reference	Offset	Semi Major Axis	Rule Assigned:										
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre		Distance		Minimum Separation (usft)	Separation Factor	Warning
							+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)			
9,900.0	9,879.9	9,967.6	9,879.3	14.2	15.9	90.39	201.9	1,008.9	770.6	744.9	25.70	29.987	
10,000.0	9,979.9	10,067.6	9,979.3	14.3	15.9	90.39	201.9	1,008.9	770.6	744.9	25.76	29.920	
10,100.0	10,079.9	10,167.6	10,079.3	14.4	16.0	90.39	201.9	1,008.9	770.6	744.8	25.81	29.853	
10,200.0	10,179.9	10,267.6	10,179.3	14.5	16.0	90.39	201.9	1,008.9	770.6	744.8	25.87	29.786	
10,300.0	10,279.9	10,367.6	10,279.3	14.6	16.1	90.39	201.9	1,008.9	770.6	744.7	25.93	29.720	
10,400.0	10,379.9	10,467.6	10,379.3	14.7	16.1	90.39	201.9	1,008.9	770.6	744.7	25.99	29.654	
10,500.0	10,479.9	10,567.6	10,479.3	14.8	16.2	90.39	201.9	1,008.9	770.6	744.6	26.04	29.589	
10,600.0	10,579.9	10,667.6	10,579.3	14.9	16.3	90.39	201.9	1,008.9	770.6	744.5	26.10	29.525	
10,700.0	10,679.9	10,767.6	10,679.3	15.0	16.3	90.39	201.9	1,008.9	770.6	744.5	26.16	29.460	
10,800.0	10,779.9	10,867.6	10,779.3	15.1	16.4	90.39	201.9	1,008.9	770.6	744.4	26.22	29.396	
10,900.0	10,879.9	10,967.6	10,879.3	15.2	16.4	90.39	201.9	1,008.9	770.6	744.4	26.27	29.333	
11,000.0	10,979.9	11,067.6	10,979.3	15.3	16.5	90.39	201.9	1,008.9	770.6	744.3	26.33	29.270	
11,100.0	11,079.9	11,167.6	11,079.3	15.4	16.5	90.39	201.9	1,008.9	770.6	744.3	26.39	29.207	
11,200.0	11,179.9	11,267.6	11,179.3	15.5	16.6	90.39	201.9	1,008.9	770.6	744.2	26.44	29.145	
11,300.0	11,279.9	11,367.6	11,279.3	15.6	16.7	90.39	201.9	1,008.9	770.6	744.1	26.50	29.083	
11,400.0	11,379.9	11,467.6	11,379.3	15.7	16.7	90.39	201.9	1,008.9	770.6	744.1	26.55	29.022	
11,500.0	11,479.9	11,567.6	11,479.3	15.8	16.8	90.39	201.9	1,008.9	770.6	744.0	26.61	28.961	
11,600.0	11,579.9	11,667.6	11,579.3	15.9	16.8	90.39	201.9	1,008.9	770.6	744.0	26.67	28.900	
11,700.0	11,679.9	11,767.6	11,679.3	16.0	16.9	90.39	201.9	1,008.9	770.6	743.9	26.72	28.840	
11,800.0	11,779.9	11,867.6	11,779.3	16.1	17.0	90.39	201.9	1,008.9	770.6	743.9	26.78	28.780	
11,900.0	11,879.9	11,967.6	11,879.3	16.2	17.0	90.39	201.9	1,008.9	770.6	743.8	26.83	28.720	
11,957.6	11,937.5	12,025.2	11,936.9	16.3	17.1	90.39	201.9	1,008.9	770.6	743.8	26.86	28.692	
11,975.0	11,954.9	12,042.2	11,953.9	16.3	17.1	-89.18	201.6	1,008.9	770.6	743.7	26.90	28.644	
12,000.0	11,979.8	12,066.7	11,978.3	16.3	17.1	-89.18	200.1	1,008.9	770.6	743.7	26.93	28.615	
12,025.0	12,004.7	12,091.1	12,002.6	16.3	17.1	-89.19	197.4	1,008.9	770.6	743.7	26.94	28.606	
12,050.0	12,029.3	12,115.5	12,026.7	16.3	17.1	-89.20	193.5	1,009.0	770.6	743.7	26.95	28.597	
12,075.0	12,053.7	12,140.0	12,050.6	16.3	17.1	-89.21	188.3	1,009.0	770.6	743.7	26.96	28.587	
12,100.0	12,077.8	12,164.5	12,074.2	16.3	17.1	-89.23	181.9	1,009.0	770.6	743.7	26.97	28.576	
12,125.0	12,101.5	12,188.9	12,097.5	16.4	17.1	-89.24	174.3	1,009.1	770.6	743.7	26.98	28.564	
12,150.0	12,124.7	12,213.4	12,120.3	16.4	17.1	-89.26	165.5	1,009.2	770.6	743.6	26.99	28.551	
12,175.0	12,147.4	12,237.9	12,142.7	16.4	17.1	-89.28	155.6	1,009.2	770.6	743.6	27.01	28.536	
12,200.0	12,169.6	12,262.4	12,164.5	16.4	17.1	-89.30	144.5	1,009.3	770.6	743.6	27.02	28.519	
12,225.0	12,191.1	12,286.9	12,185.8	16.4	17.2	-89.32	132.3	1,009.4	770.6	743.6	27.04	28.500	
12,250.0	12,211.9	12,311.5	12,206.4	16.5	17.2	-89.35	119.0	1,009.5	770.6	743.6	27.06	28.479	
12,275.0	12,232.0	12,336.0	12,226.3	16.5	17.2	-89.38	104.6	1,009.6	770.6	743.5	27.08	28.455	
12,300.0	12,251.3	12,360.6	12,245.5	16.5	17.2	-89.40	89.3	1,009.7	770.6	743.5	27.11	28.429	
12,325.0	12,269.7	12,385.2	12,263.9	16.5	17.2	-89.44	72.9	1,009.9	770.6	743.5	27.13	28.399	
12,350.0	12,287.2	12,409.8	12,281.4	16.6	17.2	-89.47	55.6	1,010.0	770.6	743.4	27.17	28.366	
12,375.0	12,303.7	12,434.5	12,298.0	16.6	17.2	-89.50	37.5	1,010.1	770.6	743.4	27.20	28.329	
12,400.0	12,319.2	12,459.1	12,313.7	16.6	17.3	-89.54	18.4	1,010.3	770.6	743.3	27.24	28.288	
12,425.0	12,333.7	12,483.8	12,328.4	16.6	17.3	-89.57	-1.4	1,010.4	770.6	743.3	27.28	28.242	
12,450.0	12,347.1	12,508.5	12,342.1	16.7	17.3	-89.61	-22.0	1,010.6	770.6	743.2	27.33	28.193	
12,475.0	12,359.4	12,533.2	12,354.7	16.7	17.3	-89.65	-43.3	1,010.8	770.6	743.2	27.39	28.138	
12,500.0	12,370.5	12,558.0	12,366.1	16.7	17.3	-89.69	-65.2	1,010.9	770.6	743.1	27.44	28.079	
12,525.0	12,380.5	12,582.8	12,376.5	16.7	17.3	-89.73	-87.7	1,011.1	770.6	743.1	27.51	28.015	
12,550.0	12,389.2	12,607.6	12,385.6	16.8	17.4	-89.77	-110.8	1,011.3	770.6	743.0	27.57	27.946	
12,575.0	12,396.7	12,632.5	12,393.6	16.8	17.4	-89.81	-134.3	1,011.4	770.6	742.9	27.65	27.873	
12,600.0	12,402.9	12,657.3	12,400.3	16.8	17.4	-89.85	-158.3	1,011.6	770.6	742.8	27.72	27.795	
12,625.0	12,407.8	12,682.2	12,405.8	16.8	17.4	-89.89	-182.6	1,011.8	770.6	742.8	27.81	27.712	
12,650.0	12,411.5	12,707.2	12,410.0	16.8	17.5	-89.94	-207.1	1,012.0	770.6	742.7	27.89	27.625	
12,675.0	12,413.9	12,732.1	12,413.0	16.8	17.5	-89.98	-231.9	1,012.2	770.6	742.6	27.99	27.534	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well MEAT LOVER FED COM #603H - Slot MEAT LOVER FED COM #603H
Project:	LEA COUNTY SOUTHEAST	TVD Reference:	KB=27 @ 3743.4usft
Reference Site:	MEAT LOVER FED COM PROJECT	MD Reference:	KB=27 @ 3743.4usft
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	MEAT LOVER FED COM #603H	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:	PWP3	Offset TVD Reference:	Offset Datum

Offset Design: MEAT LOVER FED COM PROJECT - MEAT LOVER FED COM #601H - OWB - PWP4													Offset Site Error:	0.0 usft
Survey Program:		0-r.5 SDI_KPR_WL_NS-CT, 12026-r.5 MWD+IFR1+MS					Rule Assigned:		Offset Well Error:		3.0 usft			
Measured	Reference	Measured	Offset	Semi Major Axis	Offset	Highside	Offset Wellbore Centre		Distance		Minimum	Separation	Warning	
Depth (usft)	Depth (usft)	Depth (usft)	Depth (usft)	Reference (usft)	Offset (usft)	Toolface (°)	+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Ellipses (usft)	Separation (usft)	Factor		
12,681.0	12,414.2	12,738.2	12,413.5	16.8	17.5	-89.99	-237.9	1,012.2	770.6	742.6	28.01	27.511		
12,700.0	12,414.9	12,757.1	12,414.6	16.8	17.5	-90.02	-256.9	1,012.4	770.6	742.5	28.08	27.439		
12,707.6	12,415.0	12,764.7	12,414.8	16.8	17.5	-90.04	-264.5	1,012.4	770.6	742.5	28.11	27.409		
12,800.0	12,415.0	12,857.1	12,415.0	16.9	17.6	-90.04	-356.9	1,013.1	770.6	742.0	28.55	26.991		
12,900.0	12,415.0	12,957.1	12,415.0	16.9	17.8	-90.04	-456.9	1,013.9	770.6	741.5	29.10	26.483		
13,000.0	12,415.0	13,057.1	12,415.0	16.9	17.9	-90.04	-556.9	1,014.6	770.6	740.9	29.71	25.935		
13,100.0	12,415.0	13,157.1	12,415.0	17.0	18.1	-90.04	-656.9	1,015.4	770.6	740.2	30.39	25.355		
13,200.0	12,415.0	13,257.1	12,415.0	17.0	18.3	-90.04	-756.9	1,016.2	770.6	739.4	31.13	24.754		
13,300.0	12,415.0	13,357.1	12,415.0	17.1	18.6	-90.04	-856.9	1,016.9	770.6	738.6	31.92	24.138		
13,400.0	12,415.0	13,457.1	12,415.0	17.2	18.9	-90.04	-956.8	1,017.7	770.6	737.8	32.77	23.515		
13,500.0	12,415.0	13,557.1	12,415.0	17.3	19.2	-90.04	-1,056.8	1,018.4	770.6	736.9	33.66	22.892		
13,600.0	12,415.0	13,657.1	12,415.0	17.4	19.6	-90.04	-1,156.8	1,019.2	770.6	736.0	34.60	22.273		
13,700.0	12,415.0	13,757.1	12,415.0	17.6	19.9	-90.04	-1,256.8	1,019.9	770.6	735.0	35.57	21.661		
13,800.0	12,415.0	13,857.1	12,415.0	17.8	20.4	-90.04	-1,356.8	1,020.7	770.6	734.0	36.59	21.062		
13,900.0	12,415.0	13,957.1	12,415.0	18.1	20.8	-90.04	-1,456.8	1,021.5	770.6	732.9	37.63	20.476		
14,000.0	12,415.0	14,057.1	12,415.0	18.4	21.2	-90.04	-1,556.8	1,022.2	770.6	731.9	38.71	19.906		
14,100.0	12,415.0	14,157.1	12,415.0	18.9	21.7	-90.04	-1,656.8	1,023.0	770.6	730.8	39.82	19.353		
14,200.0	12,415.0	14,257.1	12,415.0	19.4	22.2	-90.04	-1,756.8	1,023.7	770.6	729.6	40.95	18.817		
14,300.0	12,415.0	14,357.1	12,415.0	19.9	22.7	-90.04	-1,856.8	1,024.5	770.6	728.5	42.11	18.300		
14,400.0	12,415.0	14,457.1	12,415.0	20.5	23.3	-90.04	-1,956.8	1,025.2	770.6	727.3	43.29	17.802		
14,500.0	12,415.0	14,557.1	12,415.0	21.1	23.8	-90.04	-2,056.8	1,026.0	770.6	726.1	44.48	17.322		
14,600.0	12,415.0	14,657.1	12,415.0	21.7	24.4	-90.04	-2,156.8	1,026.7	770.6	724.9	45.70	16.861		
14,700.0	12,415.0	14,757.1	12,415.0	22.4	25.0	-90.04	-2,256.8	1,027.5	770.6	723.6	46.94	16.417		
14,800.0	12,415.0	14,857.1	12,415.0	23.0	25.5	-90.04	-2,356.8	1,028.3	770.6	722.4	48.19	15.991		
14,900.0	12,415.0	14,957.1	12,415.0	23.7	26.1	-90.04	-2,456.8	1,029.0	770.6	721.1	49.45	15.582		
15,000.0	12,415.0	15,057.1	12,415.0	24.3	26.7	-90.04	-2,556.8	1,029.8	770.6	719.8	50.73	15.189		
15,100.0	12,415.0	15,157.1	12,415.0	25.0	27.4	-90.04	-2,656.8	1,030.5	770.6	718.6	52.02	14.812		
15,200.0	12,415.0	15,257.1	12,415.0	25.7	28.0	-90.04	-2,756.8	1,031.3	770.6	717.2	53.33	14.450		
15,300.0	12,415.0	15,357.1	12,415.0	26.4	28.6	-90.04	-2,856.8	1,032.0	770.6	715.9	54.64	14.103		
15,400.0	12,415.0	15,457.1	12,415.0	27.1	29.2	-90.04	-2,956.8	1,032.8	770.6	714.6	55.96	13.769		
15,500.0	12,415.0	15,557.1	12,415.0	27.8	29.9	-90.04	-3,056.8	1,033.6	770.6	713.3	57.30	13.449		
15,600.0	12,415.0	15,657.1	12,415.0	28.5	30.5	-90.04	-3,156.8	1,034.3	770.6	711.9	58.64	13.141		
15,700.0	12,415.0	15,757.1	12,415.0	29.2	31.2	-90.04	-3,256.8	1,035.1	770.6	710.6	59.99	12.845		
15,800.0	12,415.0	15,857.1	12,415.0	29.9	31.9	-90.04	-3,356.8	1,035.8	770.6	709.2	61.35	12.561		
15,900.0	12,415.0	15,957.1	12,415.0	30.6	32.5	-90.04	-3,456.8	1,036.6	770.6	707.9	62.71	12.288		
16,000.0	12,415.0	16,057.1	12,415.0	31.3	33.2	-90.04	-3,556.8	1,037.3	770.6	706.5	64.08	12.025		
16,100.0	12,415.0	16,157.1	12,415.0	32.0	33.9	-90.04	-3,656.8	1,038.1	770.6	705.1	65.46	11.772		
16,200.0	12,415.0	16,257.1	12,415.0	32.7	34.5	-90.04	-3,756.8	1,038.9	770.6	703.7	66.84	11.528		
16,300.0	12,415.0	16,357.1	12,415.0	33.5	35.2	-90.04	-3,856.8	1,039.6	770.6	702.3	68.23	11.293		
16,400.0	12,415.0	16,457.1	12,415.0	34.2	35.9	-90.04	-3,956.8	1,040.4	770.6	701.0	69.63	11.067		
16,500.0	12,415.0	16,557.1	12,415.0	34.9	36.6	-90.04	-4,056.8	1,041.1	770.6	699.6	71.02	10.849		
16,600.0	12,415.0	16,657.1	12,415.0	35.6	37.3	-90.04	-4,156.8	1,041.9	770.6	698.2	72.43	10.639		
16,700.0	12,415.0	16,757.1	12,415.0	36.4	38.0	-90.04	-4,256.8	1,042.6	770.6	696.7	73.84	10.437		
16,800.0	12,415.0	16,857.1	12,415.0	37.1	38.7	-90.04	-4,356.8	1,043.4	770.6	695.3	75.25	10.241		
16,900.0	12,415.0	16,957.1	12,415.0	37.8	39.4	-90.04	-4,456.7	1,044.2	770.6	693.9	76.66	10.052		
17,000.0	12,415.0	17,057.1	12,415.0	38.6	40.1	-90.04	-4,556.7	1,044.9	770.6	692.5	78.08	9.869		
17,100.0	12,415.0	17,157.1	12,415.0	39.3	40.8	-90.04	-4,656.7	1,045.7	770.6	691.1	79.50	9.693		
17,200.0	12,415.0	17,257.1	12,415.0	40.0	41.5	-90.04	-4,756.7	1,046.4	770.6	689.7	80.93	9.522		
17,300.0	12,415.0	17,357.1	12,415.0	40.8	42.2	-90.04	-4,856.7	1,047.2	770.6	688.2	82.36	9.357		
17,400.0	12,415.0	17,457.1	12,415.0	41.5	42.9	-90.04	-4,956.7	1,047.9	770.6	686.8	83.79	9.197		
17,500.0	12,415.0	17,557.1	12,415.0	42.3	43.6	-90.04	-5,056.7	1,048.7	770.6	685.4	85.22	9.042		

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well MEAT LOVER FED COM #603H - Slot MEAT LOVER FED COM #603H
Project:	LEA COUNTY SOUTHEAST	TVD Reference:	KB=27 @ 3743.4usft
Reference Site:	MEAT LOVER FED COM PROJECT	MD Reference:	KB=27 @ 3743.4usft
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	MEAT LOVER FED COM #603H	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:	PWP3	Offset TVD Reference:	Offset Datum

Offset Design: MEAT LOVER FED COM PROJECT - MEAT LOVER FED COM #601H - OWB - PWP4												Offset Site Error:	0.0 usft
Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 12026-r.5 MWD+IFR1+MS												Offset Well Error:	3.0 usft
Reference	Offset	Semi Major Axis		Distance		Rule Assigned:		Warning					
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre		Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
							+N/-S (usft)	+E/-W (usft)					
17,600.0	12,415.0	17,657.1	12,415.0	43.0	44.4	-90.04	-5,156.7	1,049.5	770.6	683.9	86.66	8.892	
17,700.0	12,415.0	17,757.1	12,415.0	43.7	45.1	-90.04	-5,256.7	1,050.2	770.6	682.5	88.10	8.747	
17,800.0	12,415.0	17,857.1	12,415.0	44.5	45.8	-90.04	-5,356.7	1,051.0	770.6	681.0	89.54	8.606	
17,900.0	12,415.0	17,957.1	12,415.0	45.2	46.5	-90.04	-5,456.7	1,051.7	770.6	679.6	90.98	8.470	
18,000.0	12,415.0	18,057.1	12,415.0	46.0	47.2	-90.04	-5,556.7	1,052.5	770.6	678.2	92.43	8.337	
18,100.0	12,415.0	18,157.1	12,415.0	46.7	48.0	-90.04	-5,656.7	1,053.2	770.6	676.7	93.88	8.208	
18,200.0	12,415.0	18,257.1	12,415.0	47.5	48.7	-90.04	-5,756.7	1,054.0	770.6	675.3	95.33	8.084	
18,300.0	12,415.0	18,357.1	12,415.0	48.2	49.4	-90.04	-5,856.7	1,054.7	770.6	673.8	96.78	7.962	
18,400.0	12,415.0	18,457.1	12,415.0	48.9	50.1	-90.04	-5,956.7	1,055.5	770.6	672.4	98.23	7.845	
18,500.0	12,415.0	18,557.1	12,415.0	49.7	50.9	-90.04	-6,056.7	1,056.3	770.6	670.9	99.69	7.730	
18,600.0	12,415.0	18,657.1	12,415.0	50.4	51.6	-90.04	-6,156.7	1,057.0	770.6	669.4	101.14	7.619	
18,700.0	12,415.0	18,757.1	12,415.0	51.2	52.3	-90.04	-6,256.7	1,057.8	770.6	668.0	102.60	7.510	
18,800.0	12,415.0	18,857.1	12,415.0	51.9	53.1	-90.04	-6,356.7	1,058.5	770.6	666.5	104.06	7.405	
18,900.0	12,415.0	18,957.1	12,415.0	52.7	53.8	-90.04	-6,456.7	1,059.3	770.6	665.1	105.52	7.302	
19,000.0	12,415.0	19,057.1	12,415.0	53.4	54.5	-90.04	-6,556.7	1,060.0	770.6	663.6	106.99	7.203	
19,100.0	12,415.0	19,157.1	12,415.0	54.2	55.2	-90.04	-6,656.7	1,060.8	770.6	662.1	108.45	7.105	
19,200.0	12,415.0	19,257.1	12,415.0	54.9	56.0	-90.04	-6,756.7	1,061.6	770.6	660.7	109.92	7.011	
19,300.0	12,415.0	19,357.1	12,415.0	55.7	56.7	-90.04	-6,856.7	1,062.3	770.6	659.2	111.38	6.918	
19,400.0	12,415.0	19,457.1	12,415.0	56.4	57.5	-90.04	-6,956.7	1,063.1	770.6	657.7	112.85	6.828	
19,500.0	12,415.0	19,557.1	12,415.0	57.2	58.2	-90.04	-7,056.7	1,063.8	770.6	656.3	114.32	6.741	
19,600.0	12,415.0	19,657.1	12,415.0	57.9	58.9	-90.04	-7,156.7	1,064.6	770.6	654.8	115.79	6.655	
19,700.0	12,415.0	19,757.1	12,415.0	58.7	59.7	-90.04	-7,256.7	1,065.3	770.6	653.3	117.26	6.572	
19,800.0	12,415.0	19,857.1	12,415.0	59.4	60.4	-90.04	-7,356.7	1,066.1	770.6	651.9	118.73	6.490	
19,900.0	12,415.0	19,957.1	12,415.0	60.2	61.2	-90.04	-7,456.7	1,066.9	770.6	650.4	120.21	6.411	
20,000.0	12,415.0	20,057.1	12,415.0	61.0	61.9	-90.04	-7,556.7	1,067.6	770.6	648.9	121.68	6.333	
20,100.0	12,415.0	20,157.1	12,415.0	61.7	62.6	-90.04	-7,656.7	1,068.4	770.6	647.4	123.15	6.257	
20,200.0	12,415.0	20,257.1	12,415.0	62.5	63.4	-90.04	-7,756.7	1,069.1	770.6	646.0	124.63	6.183	
20,300.0	12,415.0	20,357.1	12,415.0	63.2	64.1	-90.04	-7,856.7	1,069.9	770.6	644.5	126.11	6.111	
20,400.0	12,415.0	20,457.1	12,415.0	64.0	64.9	-90.04	-7,956.6	1,070.6	770.6	643.0	127.58	6.040	
20,500.0	12,415.0	20,557.1	12,415.0	64.7	65.6	-90.04	-8,056.6	1,071.4	770.6	641.5	129.06	5.971	
20,600.0	12,415.0	20,657.1	12,415.0	65.5	66.3	-90.04	-8,156.6	1,072.2	770.6	640.1	130.54	5.903	
20,700.0	12,415.0	20,757.1	12,415.0	66.2	67.1	-90.04	-8,256.6	1,072.9	770.6	638.6	132.02	5.837	
20,800.0	12,415.0	20,857.1	12,415.0	67.0	67.8	-90.04	-8,356.6	1,073.7	770.6	637.1	133.50	5.772	
20,900.0	12,415.0	20,957.1	12,415.0	67.7	68.6	-90.04	-8,456.6	1,074.4	770.6	635.6	134.98	5.709	
21,000.0	12,415.0	21,057.1	12,415.0	68.5	69.3	-90.04	-8,556.6	1,075.2	770.6	634.1	136.46	5.647	
21,100.0	12,415.0	21,157.1	12,415.0	69.3	70.1	-90.04	-8,656.6	1,075.9	770.6	632.7	137.94	5.586	
21,200.0	12,415.0	21,257.1	12,415.0	70.0	70.8	-90.04	-8,756.6	1,076.7	770.6	631.2	139.43	5.527	
21,300.0	12,415.0	21,357.1	12,415.0	70.8	71.6	-90.04	-8,856.6	1,077.5	770.6	629.7	140.91	5.469	
21,400.0	12,415.0	21,457.1	12,415.0	71.5	72.3	-90.04	-8,956.6	1,078.2	770.6	628.2	142.39	5.412	
21,500.0	12,415.0	21,557.1	12,415.0	72.3	73.1	-90.04	-9,056.6	1,079.0	770.6	626.7	143.88	5.356	
21,600.0	12,415.0	21,657.1	12,415.0	73.0	73.8	-90.04	-9,156.6	1,079.7	770.6	625.2	145.36	5.301	
21,700.0	12,415.0	21,757.1	12,415.0	73.8	74.6	-90.04	-9,256.6	1,080.5	770.6	623.8	146.85	5.248	
21,800.0	12,415.0	21,857.1	12,415.0	74.6	75.3	-90.04	-9,356.6	1,081.2	770.6	622.3	148.34	5.195	
21,900.0	12,415.0	21,957.1	12,415.0	75.3	76.1	-90.04	-9,456.6	1,082.0	770.6	620.8	149.82	5.143	
22,000.0	12,415.0	22,057.1	12,415.0	76.1	76.8	-90.04	-9,556.6	1,082.7	770.6	619.3	151.31	5.093	
22,100.0	12,415.0	22,157.1	12,415.0	76.8	77.6	-90.04	-9,656.6	1,083.5	770.6	617.8	152.80	5.043	
22,200.0	12,415.0	22,257.1	12,415.0	77.6	78.3	-90.04	-9,756.6	1,084.3	770.6	616.3	154.28	4.995	
22,300.0	12,415.0	22,357.1	12,415.0	78.3	79.1	-90.04	-9,856.6	1,085.0	770.6	614.8	155.77	4.947	
22,400.0	12,415.0	22,457.1	12,415.0	79.1	79.8	-90.04	-9,956.6	1,085.8	770.6	613.3	157.26	4.900	
22,500.0	12,415.0	22,557.1	12,415.0	79.9	80.6	-90.04	-10,056.6	1,086.5	770.6	611.9	158.75	4.854	
22,600.0	12,415.0	22,657.1	12,415.0	80.6	81.3	-90.04	-10,156.6	1,087.3	770.6	610.4	160.24	4.809	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well MEAT LOVER FED COM #603H - Slot MEAT LOVER FED COM #603H
Project:	LEA COUNTY SOUTHEAST	TVD Reference:	KB=27 @ 3743.4usft
Reference Site:	MEAT LOVER FED COM PROJECT	MD Reference:	KB=27 @ 3743.4usft
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	MEAT LOVER FED COM #603H	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:	PWP3	Offset TVD Reference:	Offset Datum

Offset Design: MEAT LOVER FED COM PROJECT - MEAT LOVER FED COM #601H - OWB - PWP4											Offset Site Error:	0.0 usft
Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 12026-r.5 MWD+IFR1+MS											Offset Well Error:	3.0 usft
Reference	Offset	Semi Major Axis		Rule Assigned:		Distance		Minimum		Separation	Warning	
Measured	Vertical	Measured	Vertical	Reference	Offset	Highside	Offset Wellbore Centre		Between	Between	Separation	Factor
Depth	Depth	Depth	Depth	(usft)	(usft)	Toolface	+N/-S	+E/-W	Centres	Ellipses	(usft)	
(usft)	(usft)	(usft)	(usft)			(°)	(usft)	(usft)	(usft)	(usft)		
22,700.0	12,415.0	22,757.1	12,415.0	81.4	82.1	-90.04	-10,256.6	1,088.0	770.6	608.9	161.73	4.765
22,800.0	12,415.0	22,857.1	12,415.0	82.1	82.8	-90.04	-10,356.6	1,088.8	770.6	607.4	163.22	4.721
22,900.0	12,415.0	22,957.1	12,415.0	82.9	83.6	-90.04	-10,456.6	1,089.6	770.6	605.9	164.71	4.679
23,000.0	12,415.0	23,057.1	12,415.0	83.7	84.3	-90.04	-10,556.6	1,090.3	770.6	604.4	166.20	4.637
23,100.0	12,415.0	23,157.1	12,415.0	84.4	85.1	-90.04	-10,656.6	1,091.1	770.6	602.9	167.69	4.595
23,200.0	12,415.0	23,257.1	12,415.0	85.2	85.8	-90.04	-10,756.6	1,091.8	770.6	601.4	169.19	4.555
23,300.0	12,415.0	23,357.1	12,415.0	85.9	86.6	-90.04	-10,856.6	1,092.6	770.6	599.9	170.68	4.515
23,400.0	12,415.0	23,457.1	12,415.0	86.7	87.3	-90.04	-10,956.6	1,093.3	770.6	598.4	172.17	4.476
23,500.0	12,415.0	23,557.1	12,415.0	87.5	88.1	-90.04	-11,056.6	1,094.1	770.6	596.9	173.66	4.437
23,600.0	12,415.0	23,657.1	12,415.0	88.2	88.8	-90.04	-11,156.6	1,094.9	770.6	595.5	175.16	4.400
23,700.0	12,415.0	23,757.1	12,415.0	89.0	89.6	-90.04	-11,256.6	1,095.6	770.6	594.0	176.65	4.362
23,800.0	12,415.0	23,857.1	12,415.0	89.7	90.3	-90.04	-11,356.6	1,096.4	770.6	592.5	178.14	4.326
23,900.0	12,415.0	23,957.1	12,415.0	90.5	91.1	-90.04	-11,456.6	1,097.1	770.6	591.0	179.64	4.290
24,000.0	12,415.0	24,057.1	12,415.0	91.3	91.9	-90.04	-11,556.6	1,097.9	770.6	589.5	181.13	4.254
24,100.0	12,415.0	24,157.1	12,415.0	92.0	92.6	-90.04	-11,656.6	1,098.6	770.6	588.0	182.63	4.220
24,200.0	12,415.0	24,257.1	12,415.0	92.8	93.4	-90.04	-11,756.6	1,099.4	770.6	586.5	184.12	4.185
24,300.0	12,415.0	24,357.1	12,415.0	93.5	94.1	-90.04	-11,856.6	1,100.2	770.6	585.0	185.61	4.152
24,400.0	12,415.0	24,457.1	12,415.0	94.3	94.9	-90.04	-11,956.6	1,100.9	770.6	583.5	187.11	4.119
24,500.0	12,415.0	24,557.1	12,415.0	95.1	95.6	-90.04	-12,056.6	1,101.7	770.6	582.0	188.61	4.086
24,600.0	12,415.0	24,657.1	12,415.0	95.8	96.4	-90.04	-12,156.6	1,102.4	770.6	580.5	190.10	4.054
24,700.0	12,415.0	24,757.1	12,415.0	96.6	97.1	-90.04	-12,256.6	1,103.2	770.6	579.0	191.60	4.022
24,800.0	12,415.0	24,857.1	12,415.0	97.3	97.9	-90.04	-12,356.6	1,103.9	770.6	577.5	193.09	3.991
24,900.0	12,415.0	24,957.1	12,415.0	98.1	98.7	-90.04	-12,456.6	1,104.7	770.6	576.0	194.59	3.960
25,000.0	12,415.0	25,057.1	12,415.0	98.9	99.4	-90.04	-12,556.6	1,105.5	770.6	574.5	196.09	3.930
25,100.0	12,415.0	25,157.1	12,415.0	99.6	100.2	-90.04	-12,656.6	1,106.2	770.6	573.0	197.58	3.900
25,200.0	12,415.0	25,257.1	12,415.0	100.4	100.9	-90.04	-12,756.6	1,107.0	770.6	571.5	199.08	3.871
25,300.0	12,415.0	25,357.1	12,415.0	101.1	101.7	-90.04	-12,856.6	1,107.7	770.6	570.0	200.58	3.842
25,400.0	12,415.0	25,457.1	12,415.0	101.9	102.4	-90.04	-12,956.6	1,108.5	770.6	568.5	202.07	3.814
25,500.0	12,415.0	25,557.1	12,415.0	102.7	103.2	-90.04	-13,056.6	1,109.2	770.6	567.0	203.57	3.785
25,600.0	12,415.0	25,657.1	12,415.0	103.4	103.9	-90.04	-13,156.6	1,110.0	770.6	565.6	205.07	3.758
25,700.0	12,415.0	25,757.1	12,415.0	104.2	104.7	-90.04	-13,256.6	1,110.7	770.6	564.1	206.57	3.731
25,800.0	12,415.0	25,857.1	12,415.0	105.0	105.5	-90.04	-13,356.6	1,111.5	770.6	562.6	208.07	3.704
25,900.0	12,415.0	25,957.1	12,415.0	105.7	106.2	-90.04	-13,456.6	1,112.3	770.6	561.1	209.56	3.677
26,000.0	12,415.0	26,057.1	12,415.0	106.5	107.0	-90.04	-13,556.6	1,113.0	770.6	559.6	211.06	3.651
26,100.0	12,415.0	26,157.1	12,415.0	107.2	107.7	-90.04	-13,656.6	1,113.8	770.6	558.1	212.56	3.625
26,200.0	12,415.0	26,257.1	12,415.0	108.0	108.5	-90.04	-13,756.6	1,114.5	770.6	556.6	214.06	3.600
26,300.0	12,415.0	26,357.1	12,415.0	108.8	109.3	-90.04	-13,856.6	1,115.3	770.6	555.1	215.56	3.575
26,400.0	12,415.0	26,457.1	12,415.0	109.5	110.0	-90.04	-13,956.6	1,116.0	770.6	553.6	217.06	3.550
26,500.0	12,415.0	26,557.1	12,415.0	110.3	110.8	-90.04	-14,056.6	1,116.8	770.6	552.1	218.56	3.526
26,600.0	12,415.0	26,657.1	12,415.0	111.0	111.5	-90.04	-14,156.6	1,117.6	770.6	550.6	220.06	3.502
26,700.0	12,415.0	26,757.1	12,415.0	111.8	112.3	-90.04	-14,256.6	1,118.3	770.6	549.1	221.56	3.478
26,800.0	12,415.0	26,857.1	12,415.0	112.6	113.0	-90.04	-14,356.6	1,119.1	770.6	547.6	223.06	3.455
26,900.0	12,415.0	26,957.1	12,415.0	113.3	113.8	-90.04	-14,456.6	1,119.8	770.6	546.1	224.56	3.432
27,000.0	12,415.0	27,057.1	12,415.0	114.1	114.6	-90.04	-14,556.6	1,120.6	770.6	544.6	226.06	3.409
27,100.0	12,415.0	27,157.1	12,415.0	114.9	115.3	-90.04	-14,656.6	1,121.3	770.6	543.1	227.56	3.387
27,200.0	12,415.0	27,257.1	12,415.0	115.6	116.1	-90.04	-14,756.6	1,122.1	770.6	541.6	229.06	3.364
27,300.0	12,415.0	27,357.1	12,415.0	116.4	116.8	-90.04	-14,856.6	1,122.9	770.6	540.1	230.56	3.342
27,400.0	12,415.0	27,457.1	12,415.0	117.1	117.6	-90.04	-14,956.6	1,123.6	770.6	538.6	232.06	3.321
27,500.0	12,415.0	27,557.1	12,415.0	117.9	118.4	-90.04	-15,056.6	1,124.4	770.6	537.1	233.56	3.299
27,600.0	12,415.0	27,657.1	12,415.0	118.7	119.1	-90.04	-15,156.6	1,125.1	770.6	535.6	235.06	3.278
27,700.0	12,415.0	27,757.1	12,415.0	119.4	119.9	-90.04	-15,256.6	1,125.9	770.6	534.1	236.56	3.258

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well MEAT LOVER FED COM #603H - Slot MEAT LOVER FED COM #603H
Project:	LEA COUNTY SOUTHEAST	TVD Reference:	KB=27 @ 3743.4usft
Reference Site:	MEAT LOVER FED COM PROJECT	MD Reference:	KB=27 @ 3743.4usft
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	MEAT LOVER FED COM #603H	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:	PWP3	Offset TVD Reference:	Offset Datum

Offset Design:	MEAT LOVER FED COM PROJECT - MEAT LOVER FED COM #601H - OWB - PWP4											Offset Site Error:	0.0 usft
Survey Program:	0-r.5 SDI_KPR_WL_NS-CT, 12026-r.5 MWD+IFR1+MS											Offset Well Error:	3.0 usft
Reference	Offset	Semi Major Axis		Rule Assigned:									
Measured	Vertical	Measured	Vertical	Reference	Offset	Highside	Offset Wellbore Centre		Distance		Minimum	Separation	Warning
Depth	Depth	Depth	Depth			Toolface	+N/-S	+E/-W	Between	Between	Separation	Factor	
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	(usft)	(usft)	Centres	Ellipses	(usft)		
									(usft)	(usft)			
27,800.0	12,415.0	27,857.1	12,415.0	120.2	120.6	-90.04	-15,356.4	1,126.6	770.6	532.6	238.06	3.237	
27,804.4	12,415.0	27,861.6	12,415.0	120.2	120.7	-90.04	-15,360.9	1,126.7	770.6	532.5	238.13	3.236	
27,900.0	12,415.0	27,915.0	12,415.0	121.0	121.1	-90.04	-15,414.3	1,127.1	771.8	532.8	238.95	3.230 SF	
27,900.8	12,415.0	27,915.0	12,415.0	121.0	121.1	-90.04	-15,414.3	1,127.1	771.8	532.9	238.94	3.230	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well MEAT LOVER FED COM #603H - Slot MEAT LOVER FED COM #603H
Project:	LEA COUNTY SOUTHEAST	TVD Reference:	KB=27 @ 3743.4usft
Reference Site:	MEAT LOVER FED COM PROJECT	MD Reference:	KB=27 @ 3743.4usft
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	MEAT LOVER FED COM #603H	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:	PWP3	Offset TVD Reference:	Offset Datum

Offset Design: MEAT LOVER FED COM PROJECT - MEAT LOVER FED COM #602H - OWB - PWP4												Offset Site Error:	0.0 usft
Survey Program: 0-r.5 MWD+IFR1												Offset Well Error:	3.0 usft
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre		Distance Between Centres (usft)		Minimum Separation (usft)	Separation Factor	Warning
							+N/-S (usft)	+E/-W (usft)		Ellipses (usft)			
0.0	0.0	0.1	0.1	3.0	3.0	89.81	0.1	30.0	30.0				
100.0	100.0	100.1	100.1	3.1	3.1	89.81	0.1	30.0	30.0	23.4	6.59	4.551	
200.0	200.0	200.1	200.1	3.2	3.3	89.81	0.1	30.0	30.0	23.1	6.94	4.323	
300.0	300.0	300.1	300.1	3.3	3.6	89.81	0.1	30.0	30.0	22.7	7.27	4.127	
400.0	400.0	400.1	400.1	3.4	3.8	89.81	0.1	30.0	30.0	22.4	7.59	3.954	
500.0	500.0	500.1	500.1	3.6	4.0	89.81	0.1	30.0	30.0	22.1	7.89	3.801	
600.0	600.0	600.1	600.1	3.7	4.1	89.81	0.1	30.0	30.0	21.8	8.19	3.664	
700.0	700.0	700.1	700.1	3.8	4.3	89.81	0.1	30.0	30.0	21.5	8.47	3.540	
800.0	800.0	800.1	800.1	3.9	4.5	89.81	0.1	30.0	30.0	21.2	8.75	3.428	
900.0	900.0	900.1	900.1	4.0	4.7	89.81	0.1	30.0	30.0	21.0	9.02	3.325	
1,000.0	1,000.0	1,000.1	1,000.1	4.2	4.8	89.81	0.1	30.0	30.0	20.7	9.28	3.231	
1,100.0	1,100.0	1,100.1	1,100.1	4.3	5.0	43.10	0.1	30.0	28.7	19.1	9.60	2.990	
1,200.0	1,199.8	1,199.9	1,199.9	4.6	5.2	51.33	0.1	30.0	25.1	15.3	9.88	2.545	
1,300.0	1,299.5	1,299.6	1,299.6	4.8	5.3	70.42	0.1	30.0	20.8	10.7	10.10	2.063	
1,360.9	1,360.0	1,360.1	1,360.1	4.9	5.4	90.00	0.1	30.0	19.6	9.3	10.26	1.911 Advise and Monitor, CC, ES, SF	
1,400.0	1,398.7	1,398.8	1,398.8	5.0	5.5	104.64	0.1	30.0	20.3	9.8	10.43	1.944 Advise and Monitor	
1,500.0	1,497.7	1,497.8	1,497.8	5.1	5.6	133.96	0.1	30.0	27.4	16.4	10.92	2.505	
1,600.0	1,596.8	1,596.5	1,596.5	5.2	5.7	150.07	0.0	29.2	38.8	27.5	11.29	3.437	
1,700.0	1,695.8	1,694.8	1,694.7	5.3	5.9	159.98	-0.5	26.7	52.9	41.3	11.57	4.570	
1,800.0	1,794.8	1,792.5	1,792.4	5.5	6.0	166.61	-1.2	22.6	69.1	57.3	11.84	5.835	
1,900.0	1,893.8	1,889.7	1,889.4	5.6	6.2	171.41	-2.2	17.0	87.2	75.1	12.12	7.195	
2,000.0	1,992.9	1,986.2	1,985.6	5.8	6.4	175.07	-3.5	9.7	107.0	94.6	12.40	8.627	
2,100.0	2,091.9	2,082.0	2,081.0	5.9	6.6	177.99	-5.0	0.9	128.5	115.8	12.70	10.115	
2,200.0	2,190.9	2,180.5	2,178.9	6.0	6.8	-179.24	-5.7	-9.6	150.7	137.6	13.07	11.529	
2,300.0	2,289.9	2,279.6	2,277.3	6.2	7.1	-176.10	-3.3	-21.2	172.2	158.7	13.45	12.799	
2,400.0	2,389.0	2,377.5	2,374.3	6.3	7.3	-172.87	1.8	-33.7	193.3	179.6	13.77	14.045	
2,500.0	2,488.0	2,474.8	2,470.6	6.5	7.5	-170.23	7.0	-46.2	214.9	200.8	14.10	15.244	
2,600.0	2,587.0	2,572.0	2,566.9	6.7	7.8	-168.07	12.3	-58.6	236.8	222.3	14.46	16.372	
2,700.0	2,686.1	2,669.2	2,663.1	6.8	8.1	-166.27	17.6	-71.1	259.0	244.1	14.83	17.461	
2,800.0	2,785.1	2,766.4	2,759.4	7.0	8.4	-164.76	22.9	-83.5	281.3	266.1	15.22	18.491	
2,900.0	2,884.1	2,863.6	2,855.7	7.1	8.7	-163.47	28.2	-96.0	303.9	288.3	15.61	19.464	
3,000.0	2,983.1	2,960.8	2,951.9	7.3	9.0	-162.35	33.5	-108.4	326.6	310.5	16.02	20.382	
3,067.5	3,050.0	3,026.5	3,016.9	7.4	9.2	-161.69	37.0	-116.8	341.9	325.6	16.29	20.992	
3,100.0	3,082.2	3,058.1	3,048.2	7.4	9.4	-161.41	38.8	-120.9	349.2	332.8	16.41	21.276	
3,200.0	3,181.4	3,155.5	3,144.8	7.6	9.7	-160.55	44.1	-133.4	370.8	353.9	16.84	22.011	
3,300.0	3,280.8	3,253.3	3,241.6	7.8	10.0	-159.71	49.4	-145.9	390.8	373.5	17.28	22.609	
3,400.0	3,380.4	3,351.4	3,338.7	7.9	10.4	-158.86	54.7	-158.5	409.3	391.6	17.73	23.082	
3,500.0	3,480.1	3,449.7	3,436.1	8.1	10.7	-158.00	60.1	-171.1	426.3	408.1	18.19	23.437	
3,600.0	3,580.0	3,548.3	3,533.7	8.3	11.1	-157.12	65.4	-183.7	441.8	423.1	18.65	23.688	
3,700.0	3,679.9	3,647.0	3,631.4	8.4	11.5	-156.21	70.8	-196.3	455.8	436.7	19.12	23.841	
3,800.0	3,779.9	3,745.9	3,729.3	8.6	11.8	-155.27	76.2	-209.0	468.4	448.8	19.59	23.909	
3,867.5	3,847.4	3,812.7	3,795.5	8.6	12.1	-105.61	79.8	-217.6	476.1	456.2	19.89	23.944	
3,900.0	3,879.9	3,844.9	3,827.4	8.6	12.2	-105.27	81.5	-221.7	479.7	459.7	20.02	23.966	
4,000.0	3,979.9	3,943.9	3,925.4	8.7	12.6	-104.27	86.9	-234.4	490.7	470.3	20.45	23.992	
4,100.0	4,079.9	4,042.9	4,023.5	8.8	13.0	-103.31	92.3	-247.1	501.9	481.0	20.90	24.012	
4,200.0	4,179.9	4,141.9	4,121.6	8.9	13.4	-102.39	97.7	-259.7	513.2	491.9	21.36	24.028	
4,300.0	4,279.9	4,241.0	4,219.6	9.0	13.8	-101.51	103.1	-272.4	524.7	502.8	21.83	24.038	
4,400.0	4,379.9	4,340.0	4,317.7	9.0	14.1	-100.67	108.5	-285.1	536.2	513.9	22.30	24.045	
4,500.0	4,479.9	4,439.0	4,415.7	9.1	14.5	-99.87	113.9	-297.8	547.9	525.1	22.78	24.049	
4,600.0	4,579.9	4,538.1	4,513.8	9.2	14.9	-99.10	119.2	-310.5	559.7	536.4	23.27	24.049	
4,700.0	4,679.9	4,637.1	4,611.9	9.3	15.3	-98.36	124.6	-323.2	571.5	547.8	23.77	24.046	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well MEAT LOVER FED COM #603H - Slot MEAT LOVER FED COM #603H
Project:	LEA COUNTY SOUTHEAST	TVD Reference:	KB=27 @ 3743.4usft
Reference Site:	MEAT LOVER FED COM PROJECT	MD Reference:	KB=27 @ 3743.4usft
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	MEAT LOVER FED COM #603H	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:	PWP3	Offset TVD Reference:	Offset Datum

Offset Design: MEAT LOVER FED COM PROJECT - MEAT LOVER FED COM #602H - OWB - PWP4												Offset Site Error:	0.0 usft
Survey Program: 0-r.5 MWD+IFR1												Offset Well Error:	3.0 usft
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre		Distance		Minimum Separation (usft)	Separation Factor	Warning
							+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)			
4,800.0	4,779.9	4,736.1	4,709.9	9.4	15.7	-97.65	130.0	-335.9	583.5	559.2	24.27	24.041	
4,900.0	4,879.9	4,835.1	4,808.0	9.5	16.1	-96.97	135.4	-348.5	595.6	570.8	24.78	24.033	
5,000.0	4,979.9	4,934.2	4,906.1	9.5	16.5	-96.32	140.8	-361.2	607.7	582.4	25.29	24.024	
5,100.0	5,079.9	5,033.2	5,004.1	9.6	16.9	-95.69	146.2	-373.9	619.9	594.1	25.81	24.013	
5,200.0	5,179.9	5,132.2	5,102.2	9.7	17.3	-95.08	151.6	-386.6	632.1	605.8	26.34	24.001	
5,300.0	5,279.9	5,231.2	5,200.3	9.8	17.7	-94.50	156.9	-399.3	644.5	617.6	26.87	23.987	
5,400.0	5,379.9	5,330.3	5,298.3	9.9	18.1	-93.94	162.3	-412.0	656.9	629.5	27.40	23.973	
5,500.0	5,479.9	5,429.3	5,396.4	10.0	18.6	-93.40	167.7	-424.7	669.3	641.4	27.94	23.958	
5,600.0	5,579.9	5,528.3	5,494.4	10.1	19.0	-92.88	173.1	-437.4	681.9	653.4	28.48	23.942	
5,700.0	5,679.9	5,627.4	5,592.5	10.1	19.4	-92.38	178.5	-450.0	694.4	665.4	29.02	23.926	
5,800.0	5,779.9	5,726.4	5,690.6	10.2	19.8	-91.90	183.9	-462.7	707.1	677.5	29.57	23.910	
5,900.0	5,879.9	5,825.4	5,788.6	10.3	20.2	-91.44	189.2	-475.4	719.7	689.6	30.12	23.898	
6,000.0	5,979.9	5,933.3	5,895.6	10.4	20.6	-90.96	194.9	-488.8	732.0	701.3	30.69	23.853	
6,100.0	6,079.9	6,046.0	6,007.4	10.5	21.1	-90.55	200.0	-500.8	742.7	711.4	31.28	23.743	
6,200.0	6,179.9	6,159.0	6,120.0	10.6	21.5	-90.22	204.3	-510.9	751.6	719.7	31.84	23.603	
6,300.0	6,279.9	6,272.5	6,233.1	10.7	21.9	-89.96	207.7	-518.9	758.6	726.3	32.37	23.439	
6,400.0	6,379.9	6,386.3	6,346.7	10.8	22.3	-89.77	210.3	-524.9	763.9	731.1	32.85	23.255	
6,500.0	6,479.9	6,500.3	6,460.6	10.9	22.7	-89.64	211.9	-528.8	767.4	734.1	33.28	23.059	
6,600.0	6,579.9	6,614.4	6,574.7	10.9	23.0	-89.59	212.7	-530.6	769.0	735.4	33.60	22.883	
6,700.0	6,679.9	6,719.7	6,680.0	11.0	23.0	-89.58	212.8	-530.8	769.1	735.4	33.69	22.825	
6,800.0	6,779.9	6,819.7	6,780.0	11.1	23.1	-89.58	212.8	-530.8	769.1	735.3	33.77	22.773	
6,900.0	6,879.9	6,919.7	6,880.0	11.2	23.1	-89.58	212.8	-530.8	769.1	735.2	33.85	22.721	
7,000.0	6,979.9	7,019.7	6,980.0	11.3	23.2	-89.58	212.8	-530.8	769.1	735.2	33.93	22.669	
7,100.0	7,079.9	7,119.7	7,080.0	11.4	23.2	-89.58	212.8	-530.8	769.1	735.1	34.00	22.617	
7,200.0	7,179.9	7,219.7	7,180.0	11.5	23.3	-89.58	212.8	-530.8	769.1	735.0	34.08	22.566	
7,300.0	7,279.9	7,319.7	7,280.0	11.6	23.3	-89.58	212.8	-530.8	769.1	734.9	34.16	22.514	
7,400.0	7,379.9	7,419.7	7,380.0	11.7	23.3	-89.58	212.8	-530.8	769.1	734.9	34.24	22.463	
7,500.0	7,479.9	7,519.7	7,480.0	11.8	23.4	-89.58	212.8	-530.8	769.1	734.8	34.32	22.411	
7,600.0	7,579.9	7,619.7	7,580.0	11.9	23.4	-89.58	212.8	-530.8	769.1	734.7	34.40	22.360	
7,700.0	7,679.9	7,719.7	7,680.0	12.0	23.5	-89.58	212.8	-530.8	769.1	734.6	34.48	22.309	
7,800.0	7,779.9	7,819.7	7,780.0	12.1	23.5	-89.58	212.8	-530.8	769.1	734.5	34.55	22.257	
7,900.0	7,879.9	7,919.7	7,880.0	12.2	23.6	-89.58	212.8	-530.8	769.1	734.5	34.63	22.207	
8,000.0	7,979.9	8,019.7	7,980.0	12.3	23.6	-89.58	212.8	-530.8	769.1	734.4	34.71	22.156	
8,100.0	8,079.9	8,119.7	8,080.0	12.4	23.7	-89.58	212.8	-530.8	769.1	734.3	34.79	22.105	
8,200.0	8,179.9	8,219.7	8,180.0	12.5	23.7	-89.58	212.8	-530.8	769.1	734.2	34.87	22.054	
8,300.0	8,279.9	8,319.7	8,280.0	12.6	23.8	-89.58	212.8	-530.8	769.1	734.1	34.95	22.004	
8,400.0	8,379.9	8,419.7	8,380.0	12.7	23.8	-89.58	212.8	-530.8	769.1	734.1	35.03	21.953	
8,500.0	8,479.9	8,519.7	8,480.0	12.8	23.8	-89.58	212.8	-530.8	769.1	734.0	35.11	21.903	
8,600.0	8,579.9	8,619.7	8,580.0	12.9	23.9	-89.58	212.8	-530.8	769.1	733.9	35.19	21.853	
8,700.0	8,679.9	8,719.7	8,680.0	13.0	23.9	-89.58	212.8	-530.8	769.1	733.8	35.28	21.803	
8,800.0	8,779.9	8,819.7	8,780.0	13.1	24.0	-89.58	212.8	-530.8	769.1	733.7	35.36	21.753	
8,900.0	8,879.9	8,919.7	8,880.0	13.2	24.0	-89.58	212.8	-530.8	769.1	733.7	35.44	21.703	
9,000.0	8,979.9	9,019.7	8,980.0	13.3	24.1	-89.58	212.8	-530.8	769.1	733.6	35.52	21.653	
9,100.0	9,079.9	9,119.7	9,080.0	13.4	24.1	-89.58	212.8	-530.8	769.1	733.5	35.60	21.603	
9,200.0	9,179.9	9,219.7	9,180.0	13.5	24.2	-89.58	212.8	-530.8	769.1	733.4	35.68	21.554	
9,300.0	9,279.9	9,319.7	9,280.0	13.6	24.2	-89.58	212.8	-530.8	769.1	733.3	35.76	21.505	
9,400.0	9,379.9	9,419.7	9,380.0	13.7	24.3	-89.58	212.8	-530.8	769.1	733.2	35.85	21.455	
9,500.0	9,479.9	9,519.7	9,480.0	13.8	24.3	-89.58	212.8	-530.8	769.1	733.2	35.93	21.406	
9,600.0	9,579.9	9,619.7	9,580.0	13.9	24.4	-89.58	212.8	-530.8	769.1	733.1	36.01	21.357	
9,700.0	9,679.9	9,719.7	9,680.0	14.0	24.4	-89.58	212.8	-530.8	769.1	733.0	36.09	21.308	
9,800.0	9,779.9	9,819.7	9,780.0	14.1	24.5	-89.58	212.8	-530.8	769.1	732.9	36.18	21.259	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well MEAT LOVER FED COM #603H - Slot MEAT LOVER FED COM #603H
Project:	LEA COUNTY SOUTHEAST	TVD Reference:	KB=27 @ 3743.4usft
Reference Site:	MEAT LOVER FED COM PROJECT	MD Reference:	KB=27 @ 3743.4usft
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	MEAT LOVER FED COM #603H	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:	PWP3	Offset TVD Reference:	Offset Datum

Offset Design: MEAT LOVER FED COM PROJECT - MEAT LOVER FED COM #602H - OWB - PWP4													Offset Site Error:	0.0 usft	
Survey Program:		0-r.5 MWD+IFR1				Rule Assigned:								Offset Well Error:	3.0 usft
Reference		Offset		Semi Major Axis		Offset Wellbore Centre			Distance			Warning			
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
9,900.0	9,879.9	9,919.7	9,880.0	14.2	24.5	-89.58	212.8	-530.8	769.1	732.8	36.26	21.211			
10,000.0	9,979.9	10,019.7	9,980.0	14.3	24.6	-89.58	212.8	-530.8	769.1	732.7	36.34	21.162			
10,100.0	10,079.9	10,119.7	10,080.0	14.4	24.6	-89.58	212.8	-530.8	769.1	732.7	36.43	21.114			
10,200.0	10,179.9	10,219.7	10,180.0	14.5	24.7	-89.58	212.8	-530.8	769.1	732.6	36.51	21.066			
10,300.0	10,279.9	10,319.7	10,280.0	14.6	24.7	-89.58	212.8	-530.8	769.1	732.5	36.59	21.017			
10,400.0	10,379.9	10,419.7	10,380.0	14.7	24.8	-89.58	212.8	-530.8	769.1	732.4	36.68	20.969			
10,500.0	10,479.9	10,519.7	10,480.0	14.8	24.8	-89.58	212.8	-530.8	769.1	732.3	36.76	20.921			
10,600.0	10,579.9	10,619.7	10,580.0	14.9	24.9	-89.58	212.8	-530.8	769.1	732.2	36.84	20.874			
10,700.0	10,679.9	10,719.7	10,680.0	15.0	24.9	-89.58	212.8	-530.8	769.1	732.2	36.93	20.826			
10,800.0	10,779.9	10,819.7	10,780.0	15.1	25.0	-89.58	212.8	-530.8	769.1	732.1	37.01	20.778			
10,900.0	10,879.9	10,919.7	10,880.0	15.2	25.0	-89.58	212.8	-530.8	769.1	732.0	37.10	20.731			
11,000.0	10,979.9	11,019.7	10,980.0	15.3	25.1	-89.58	212.8	-530.8	769.1	731.9	37.18	20.684			
11,100.0	11,079.9	11,119.7	11,080.0	15.4	25.1	-89.58	212.8	-530.8	769.1	731.8	37.27	20.637			
11,200.0	11,179.9	11,219.7	11,180.0	15.5	25.2	-89.58	212.8	-530.8	769.1	731.7	37.35	20.590			
11,300.0	11,279.9	11,319.7	11,280.0	15.6	25.2	-89.58	212.8	-530.8	769.1	731.7	37.44	20.543			
11,400.0	11,379.9	11,419.7	11,380.0	15.7	25.3	-89.58	212.8	-530.8	769.1	731.6	37.52	20.496			
11,500.0	11,479.9	11,519.7	11,480.0	15.8	25.3	-89.58	212.8	-530.8	769.1	731.5	37.61	20.449			
11,600.0	11,579.9	11,619.7	11,580.0	15.9	25.4	-89.58	212.8	-530.8	769.1	731.4	37.70	20.403			
11,700.0	11,679.9	11,719.7	11,680.0	16.0	25.4	-89.58	212.8	-530.8	769.1	731.3	37.78	20.357			
11,800.0	11,779.9	11,819.7	11,780.0	16.1	25.5	-89.58	212.8	-530.8	769.1	731.2	37.87	20.310			
11,900.0	11,879.9	11,919.7	11,880.0	16.2	25.5	-89.58	212.8	-530.8	769.1	731.1	37.95	20.265			
11,957.6	11,937.5	11,977.3	11,937.6	16.3	25.6	-89.58	212.8	-530.8	769.1	731.1	37.99	20.242			
11,975.0	11,954.9	11,995.1	11,955.4	16.3	25.6	90.85	212.4	-530.8	769.1	731.1	38.02	20.228			
12,000.0	11,979.8	12,020.7	11,981.0	16.3	25.5	90.85	210.8	-530.8	769.1	731.1	38.02	20.227			
12,025.0	12,004.7	12,046.3	12,006.4	16.3	25.5	90.84	207.8	-530.8	769.1	731.1	38.01	20.232			
12,050.0	12,029.3	12,071.9	12,031.6	16.3	25.5	90.83	203.4	-530.7	769.1	731.1	38.00	20.237			
12,075.0	12,053.7	12,097.5	12,056.5	16.3	25.4	90.82	197.7	-530.7	769.1	731.1	37.99	20.243			
12,100.0	12,077.8	12,123.1	12,081.1	16.3	25.4	90.81	190.6	-530.6	769.1	731.1	37.98	20.250			
12,125.0	12,101.5	12,148.7	12,105.3	16.4	25.4	90.80	182.3	-530.6	769.1	731.1	37.97	20.257			
12,150.0	12,124.7	12,174.2	12,129.0	16.4	25.3	90.78	172.7	-530.5	769.1	731.1	37.95	20.263			
12,175.0	12,147.4	12,199.8	12,152.1	16.4	25.3	90.76	161.8	-530.4	769.1	731.1	37.94	20.270			
12,200.0	12,169.6	12,225.3	12,174.6	16.4	25.2	90.74	149.7	-530.3	769.1	731.1	37.93	20.276			
12,225.0	12,191.1	12,250.8	12,196.4	16.4	25.2	90.72	136.5	-530.2	769.1	731.2	37.92	20.282			
12,250.0	12,211.9	12,276.3	12,217.4	16.5	25.2	90.69	122.1	-530.1	769.1	731.2	37.91	20.287			
12,275.0	12,232.0	12,301.8	12,237.7	16.5	25.1	90.66	106.6	-530.0	769.1	731.2	37.90	20.291			
12,300.0	12,251.3	12,327.3	12,257.0	16.5	25.1	90.63	90.1	-529.9	769.1	731.2	37.90	20.293			
12,325.0	12,269.7	12,352.7	12,275.5	16.5	25.1	90.60	72.6	-529.7	769.1	731.2	37.90	20.294			
12,350.0	12,287.2	12,378.1	12,292.9	16.6	25.0	90.57	54.1	-529.6	769.1	731.2	37.90	20.294			
12,375.0	12,303.7	12,403.5	12,309.4	16.6	25.0	90.54	34.8	-529.5	769.0	731.1	37.90	20.291			
12,400.0	12,319.2	12,428.9	12,324.8	16.6	25.0	90.50	14.6	-529.3	769.0	731.1	37.91	20.286			
12,425.0	12,333.7	12,454.2	12,339.0	16.6	25.0	90.46	-6.3	-529.2	769.0	731.1	37.93	20.278			
12,450.0	12,347.1	12,479.5	12,352.2	16.7	25.0	90.42	-28.0	-529.0	769.0	731.1	37.94	20.268			
12,475.0	12,359.4	12,504.8	12,364.1	16.7	25.0	90.38	-50.3	-528.8	769.0	731.1	37.97	20.255			
12,500.0	12,370.5	12,530.0	12,374.8	16.7	25.0	90.34	-73.1	-528.7	769.0	731.0	38.00	20.239			
12,525.0	12,380.5	12,555.3	12,384.3	16.7	25.0	90.30	-96.5	-528.5	769.0	731.0	38.03	20.220			
12,550.0	12,389.2	12,580.4	12,392.6	16.8	25.0	90.26	-120.3	-528.3	769.0	731.0	38.08	20.198			
12,575.0	12,396.7	12,605.6	12,399.6	16.8	25.0	90.22	-144.4	-528.1	769.0	730.9	38.12	20.172			
12,600.0	12,402.9	12,630.7	12,405.3	16.8	25.0	90.17	-168.9	-527.9	769.0	730.9	38.18	20.144			
12,608.0	12,404.6	12,638.8	12,406.8	16.8	25.0	90.16	-176.8	-527.9	769.0	730.8	38.20	20.134			
12,625.0	12,407.8	12,655.8	12,409.6	16.8	25.0	90.13	-193.6	-527.7	769.0	730.8	38.24	20.112			
12,650.0	12,411.5	12,680.9	12,412.7	16.8	25.0	90.09	-218.5	-527.6	769.0	730.7	38.30	20.078			

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well MEAT LOVER FED COM #603H - Slot MEAT LOVER FED COM #603H
Project:	LEA COUNTY SOUTHEAST	TVD Reference:	KB=27 @ 3743.4usft
Reference Site:	MEAT LOVER FED COM PROJECT	MD Reference:	KB=27 @ 3743.4usft
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	MEAT LOVER FED COM #603H	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:	PWP3	Offset TVD Reference:	Offset Datum

Offset Design: MEAT LOVER FED COM PROJECT - MEAT LOVER FED COM #602H - OWB - PWP4												Offset Site Error:	0.0 usft
Survey Program: 0-r.5 MWD+IFR1												Offset Well Error:	3.0 usft
Reference	Offset	Semi Major Axis		Offset Wellbore Centre		Distance		Minimum Separation		Separation	Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Factor		
12,675.0	12,413.9	12,705.9	12,414.5	16.8	25.1	90.04	-243.5	-527.4	769.0	730.7	38.37	20.041	
12,700.0	12,414.9	12,731.0	12,415.0	16.8	25.1	90.00	-268.5	-527.2	769.0	730.6	38.45	20.000	
12,707.6	12,415.0	12,738.6	12,415.0	16.8	25.1	89.99	-276.1	-527.1	769.0	730.6	38.48	19.987	
12,800.0	12,415.0	12,831.0	12,415.0	16.9	25.2	89.99	-368.5	-526.4	769.0	730.2	38.82	19.812	
12,900.0	12,415.0	12,931.0	12,415.0	16.9	25.4	89.99	-468.5	-525.7	769.0	729.8	39.26	19.589	
13,000.0	12,415.0	13,031.0	12,415.0	16.9	25.7	89.99	-568.5	-524.9	769.1	729.3	39.77	19.336	
13,100.0	12,415.0	13,131.0	12,415.0	17.0	25.9	89.99	-668.5	-524.2	769.1	728.7	40.36	19.057	
13,200.0	12,415.0	13,231.0	12,415.0	17.0	26.2	89.99	-768.5	-523.4	769.1	728.1	41.00	18.757	
13,300.0	12,415.0	13,331.0	12,415.0	17.1	26.5	89.99	-868.4	-522.7	769.1	727.4	41.71	18.438	
13,400.0	12,415.0	13,431.0	12,415.0	17.2	26.9	89.99	-968.4	-521.9	769.1	726.6	42.48	18.105	
13,500.0	12,415.0	13,531.0	12,415.0	17.3	27.3	89.99	-1,068.4	-521.2	769.1	725.8	43.30	17.762	
13,600.0	12,415.0	13,631.0	12,415.0	17.4	27.7	89.99	-1,168.4	-520.4	769.1	724.9	44.18	17.410	
13,700.0	12,415.0	13,731.0	12,415.0	17.6	28.1	89.99	-1,268.4	-519.7	769.1	724.0	45.10	17.053	
13,800.0	12,415.0	13,831.0	12,415.0	17.8	28.6	89.99	-1,368.4	-518.9	769.1	723.0	46.07	16.694	
13,900.0	12,415.0	13,931.0	12,415.0	18.1	29.1	89.99	-1,468.4	-518.2	769.1	722.0	47.09	16.334	
14,000.0	12,415.0	14,031.0	12,415.0	18.4	29.6	89.99	-1,568.4	-517.4	769.1	721.0	48.14	15.976	
14,100.0	12,415.0	14,131.0	12,415.0	18.9	30.1	89.99	-1,668.4	-516.7	769.1	719.9	49.23	15.622	
14,200.0	12,415.0	14,231.0	12,415.0	19.4	30.6	89.99	-1,768.4	-515.9	769.1	718.8	50.36	15.272	
14,300.0	12,415.0	14,331.0	12,415.0	19.9	31.2	89.99	-1,868.4	-515.2	769.1	717.6	51.53	14.928	
14,400.0	12,415.0	14,431.0	12,415.0	20.5	31.8	89.99	-1,968.4	-514.4	769.1	716.4	52.72	14.590	
14,500.0	12,415.0	14,531.0	12,415.0	21.1	32.4	89.99	-2,068.4	-513.7	769.2	715.2	53.94	14.260	
14,600.0	12,415.0	14,631.0	12,415.0	21.7	33.0	89.99	-2,168.4	-512.9	769.2	714.0	55.19	13.937	
14,700.0	12,415.0	14,731.0	12,415.0	22.4	33.7	89.99	-2,268.4	-512.2	769.2	712.7	56.46	13.623	
14,800.0	12,415.0	14,831.0	12,415.0	23.0	34.3	89.99	-2,368.4	-511.4	769.2	711.4	57.76	13.317	
14,900.0	12,415.0	14,931.0	12,415.0	23.7	35.0	89.99	-2,468.4	-510.7	769.2	710.1	59.08	13.020	
15,000.0	12,415.0	15,031.0	12,415.0	24.3	35.7	89.99	-2,568.4	-509.9	769.2	708.8	60.42	12.731	
15,100.0	12,415.0	15,131.0	12,415.0	25.0	36.4	89.99	-2,668.4	-509.2	769.2	707.4	61.78	12.451	
15,200.0	12,415.0	15,231.0	12,415.0	25.7	37.1	89.99	-2,768.4	-508.4	769.2	706.0	63.15	12.180	
15,300.0	12,415.0	15,331.0	12,415.0	26.4	37.8	89.99	-2,868.4	-507.7	769.2	704.7	64.55	11.917	
15,400.0	12,415.0	15,431.0	12,415.0	27.1	38.6	89.99	-2,968.4	-506.9	769.2	703.3	65.96	11.662	
15,500.0	12,415.0	15,531.0	12,415.0	27.8	39.3	89.99	-3,068.4	-506.2	769.2	701.8	67.38	11.416	
15,600.0	12,415.0	15,631.0	12,415.0	28.5	40.1	89.99	-3,168.4	-505.4	769.2	700.4	68.82	11.178	
15,700.0	12,415.0	15,731.0	12,415.0	29.2	40.8	89.99	-3,268.4	-504.7	769.2	699.0	70.27	10.947	
15,800.0	12,415.0	15,831.0	12,415.0	29.9	41.6	89.99	-3,368.4	-503.9	769.2	697.5	71.73	10.724	
15,900.0	12,415.0	15,931.0	12,415.0	30.6	42.4	89.99	-3,468.4	-503.2	769.2	696.0	73.20	10.508	
16,000.0	12,415.0	16,031.0	12,415.0	31.3	43.2	89.99	-3,568.4	-502.4	769.3	694.6	74.69	10.299	
16,100.0	12,415.0	16,131.0	12,415.0	32.0	44.0	89.99	-3,668.4	-501.7	769.3	693.1	76.18	10.097	
16,200.0	12,415.0	16,231.0	12,415.0	32.7	44.8	89.99	-3,768.4	-500.9	769.3	691.6	77.69	9.902	
16,300.0	12,415.0	16,331.0	12,415.0	33.5	45.6	89.99	-3,868.4	-500.2	769.3	690.1	79.20	9.713	
16,400.0	12,415.0	16,431.0	12,415.0	34.2	46.4	89.99	-3,968.4	-499.4	769.3	688.6	80.72	9.530	
16,500.0	12,415.0	16,531.0	12,415.0	34.9	47.2	89.99	-4,068.4	-498.7	769.3	687.0	82.25	9.353	
16,600.0	12,415.0	16,631.0	12,415.0	35.6	48.0	89.99	-4,168.4	-498.0	769.3	685.5	83.79	9.181	
16,700.0	12,415.0	16,731.0	12,415.0	36.4	48.9	89.99	-4,268.4	-497.2	769.3	684.0	85.33	9.015	
16,800.0	12,415.0	16,831.0	12,415.0	37.1	49.7	89.99	-4,368.4	-496.5	769.3	682.4	86.88	8.854	
16,900.0	12,415.0	16,931.0	12,415.0	37.8	50.5	89.99	-4,468.3	-495.7	769.3	680.9	88.44	8.699	
17,000.0	12,415.0	17,031.0	12,415.0	38.6	51.4	89.99	-4,568.3	-495.0	769.3	679.3	90.00	8.548	
17,100.0	12,415.0	17,131.0	12,415.0	39.3	52.2	89.99	-4,668.3	-494.2	769.3	677.8	91.57	8.401	
17,200.0	12,415.0	17,231.0	12,415.0	40.0	53.1	89.99	-4,768.3	-493.5	769.3	676.2	93.15	8.259	
17,300.0	12,415.0	17,331.0	12,415.0	40.8	54.0	89.99	-4,868.3	-492.7	769.3	674.6	94.73	8.122	
17,400.0	12,415.0	17,431.0	12,415.0	41.5	54.8	89.99	-4,968.3	-492.0	769.3	673.0	96.31	7.988	
17,500.0	12,415.0	17,531.0	12,415.0	42.3	55.7	89.99	-5,068.3	-491.2	769.4	671.5	97.90	7.858	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well MEAT LOVER FED COM #603H - Slot MEAT LOVER FED COM #603H
Project:	LEA COUNTY SOUTHEAST	TVD Reference:	KB=27 @ 3743.4usft
Reference Site:	MEAT LOVER FED COM PROJECT	MD Reference:	KB=27 @ 3743.4usft
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	MEAT LOVER FED COM #603H	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:	PWP3	Offset TVD Reference:	Offset Datum

Offset Design: MEAT LOVER FED COM PROJECT - MEAT LOVER FED COM #602H - OWB - PWP4													Offset Site Error:	0.0 usft	
Survey Program:		0-r.5 MWD+IFR1		Offset		Semi Major Axis		Offset Wellbore Centre		Rule Assigned:				Offset Well Error:	3.0 usft
Measured	Vertical	Measured	Vertical	Reference	Offset	Highside				Distance					
Depth	Depth	Depth	Depth			Toolface	+N/-S	+E/-W	Between	Between	Minimum	Separation		Warning	
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	(usft)	(usft)	Centres	Ellipses	Separation	Factor			
									(usft)	(usft)	(usft)				
17,600.0	12,415.0	17,631.0	12,415.0	43.0	56.6	89.99	-5,168.3	-490.5	769.4	669.9	99.50	7.733			
17,700.0	12,415.0	17,731.0	12,415.0	43.7	57.4	89.99	-5,268.3	-489.7	769.4	668.3	101.09	7.610			
17,800.0	12,415.0	17,831.0	12,415.0	44.5	58.3	89.99	-5,368.3	-489.0	769.4	666.7	102.70	7.492			
17,900.0	12,415.0	17,931.0	12,415.0	45.2	59.2	89.99	-5,468.3	-488.2	769.4	665.1	104.30	7.377			
18,000.0	12,415.0	18,031.0	12,415.0	46.0	60.1	89.99	-5,568.3	-487.5	769.4	663.5	105.91	7.265			
18,100.0	12,415.0	18,131.0	12,415.0	46.7	60.9	89.99	-5,668.3	-486.7	769.4	661.9	107.52	7.156			
18,200.0	12,415.0	18,231.0	12,415.0	47.5	61.8	89.99	-5,768.3	-486.0	769.4	660.3	109.14	7.050			
18,300.0	12,415.0	18,331.0	12,415.0	48.2	62.7	89.99	-5,868.3	-485.2	769.4	658.6	110.76	6.947			
18,400.0	12,415.0	18,431.0	12,415.0	48.9	63.6	89.99	-5,968.3	-484.5	769.4	657.0	112.38	6.846			
18,500.0	12,415.0	18,531.0	12,415.0	49.7	64.5	89.99	-6,068.3	-483.7	769.4	655.4	114.01	6.749			
18,600.0	12,415.0	18,631.0	12,415.0	50.4	65.4	89.99	-6,168.3	-483.0	769.4	653.8	115.64	6.654			
18,700.0	12,415.0	18,731.0	12,415.0	51.2	66.3	89.99	-6,268.3	-482.2	769.4	652.2	117.27	6.561			
18,800.0	12,415.0	18,831.0	12,415.0	51.9	67.2	89.99	-6,368.3	-481.5	769.4	650.5	118.90	6.471			
18,900.0	12,415.0	18,931.0	12,415.0	52.7	68.1	89.99	-6,468.3	-480.7	769.4	648.9	120.54	6.384			
19,000.0	12,415.0	19,031.0	12,415.0	53.4	69.0	89.99	-6,568.3	-480.0	769.5	647.3	122.18	6.298			
19,100.0	12,415.0	19,131.0	12,415.0	54.2	69.9	89.99	-6,668.3	-479.2	769.5	645.6	123.82	6.215			
19,200.0	12,415.0	19,231.0	12,415.0	54.9	70.8	89.99	-6,768.3	-478.5	769.5	644.0	125.46	6.133			
19,300.0	12,415.0	19,331.0	12,415.0	55.7	71.7	89.99	-6,868.3	-477.7	769.5	642.4	127.10	6.054			
19,400.0	12,415.0	19,431.0	12,415.0	56.4	72.6	89.99	-6,968.3	-477.0	769.5	640.7	128.75	5.976			
19,500.0	12,415.0	19,531.0	12,415.0	57.2	73.5	89.99	-7,068.3	-476.2	769.5	639.1	130.40	5.901			
19,600.0	12,415.0	19,631.0	12,415.0	57.9	74.5	89.99	-7,168.3	-475.5	769.5	637.4	132.05	5.827			
19,700.0	12,415.0	19,731.0	12,415.0	58.7	75.4	89.99	-7,268.3	-474.7	769.5	635.8	133.70	5.755			
19,800.0	12,415.0	19,831.0	12,415.0	59.4	76.3	89.99	-7,368.3	-474.0	769.5	634.1	135.36	5.685			
19,900.0	12,415.0	19,931.0	12,415.0	60.2	77.2	89.99	-7,468.3	-473.2	769.5	632.5	137.01	5.616			
20,000.0	12,415.0	20,031.0	12,415.0	61.0	78.1	89.99	-7,568.3	-472.5	769.5	630.8	138.67	5.549			
20,100.0	12,415.0	20,131.0	12,415.0	61.7	79.0	89.99	-7,668.3	-471.7	769.5	629.2	140.33	5.484			
20,200.0	12,415.0	20,231.0	12,415.0	62.5	80.0	89.99	-7,768.3	-471.0	769.5	627.5	141.99	5.420			
20,300.0	12,415.0	20,331.0	12,415.0	63.2	80.9	89.99	-7,868.3	-470.2	769.5	625.9	143.65	5.357			
20,400.0	12,415.0	20,431.0	12,415.0	64.0	81.8	89.99	-7,968.2	-469.5	769.5	624.2	145.32	5.296			
20,500.0	12,415.0	20,531.0	12,415.0	64.7	82.7	89.99	-8,068.2	-468.7	769.6	622.6	146.98	5.236			
20,600.0	12,415.0	20,631.0	12,415.0	65.5	83.7	89.99	-8,168.2	-468.0	769.6	620.9	148.65	5.177			
20,700.0	12,415.0	20,731.0	12,415.0	66.2	84.6	89.99	-8,268.2	-467.2	769.6	619.3	150.32	5.120			
20,800.0	12,415.0	20,831.0	12,415.0	67.0	85.5	89.99	-8,368.2	-466.5	769.6	617.6	151.99	5.063			
20,900.0	12,415.0	20,931.0	12,415.0	67.7	86.4	89.99	-8,468.2	-465.7	769.6	615.9	153.66	5.008			
21,000.0	12,415.0	21,031.0	12,415.0	68.5	87.4	89.99	-8,568.2	-465.0	769.6	614.3	155.33	4.955			
21,100.0	12,415.0	21,131.0	12,415.0	69.3	88.3	89.99	-8,668.2	-464.2	769.6	612.6	157.00	4.902			
21,200.0	12,415.0	21,231.0	12,415.0	70.0	89.2	89.99	-8,768.2	-463.5	769.6	610.9	158.67	4.850			
21,300.0	12,415.0	21,331.0	12,415.0	70.8	90.2	89.99	-8,868.2	-462.7	769.6	609.3	160.35	4.800			
21,400.0	12,415.0	21,431.0	12,415.0	71.5	91.1	89.99	-8,968.2	-462.0	769.6	607.6	162.02	4.750			
21,500.0	12,415.0	21,531.0	12,415.0	72.3	92.0	89.99	-9,068.2	-461.2	769.6	605.9	163.70	4.701			
21,600.0	12,415.0	21,631.0	12,415.0	73.0	93.0	89.99	-9,168.2	-460.5	769.6	604.3	165.38	4.654			
21,700.0	12,415.0	21,731.0	12,415.0	73.8	93.9	89.99	-9,268.2	-459.7	769.6	602.6	167.05	4.607			
21,800.0	12,415.0	21,831.0	12,415.0	74.6	94.8	89.99	-9,368.2	-459.0	769.6	600.9	168.73	4.561			
21,900.0	12,415.0	21,931.0	12,415.0	75.3	95.8	89.99	-9,468.2	-458.2	769.6	599.2	170.41	4.516			
22,000.0	12,415.0	22,031.0	12,415.0	76.1	96.7	89.99	-9,568.2	-457.5	769.7	597.6	172.09	4.472			
22,100.0	12,415.0	22,130.9	12,415.0	76.8	97.6	89.99	-9,668.2	-456.7	769.7	595.9	173.78	4.429			
22,200.0	12,415.0	22,230.9	12,415.0	77.6	98.6	89.99	-9,768.2	-456.0	769.7	594.2	175.46	4.387			
22,300.0	12,415.0	22,330.9	12,415.0	78.3	99.5	89.99	-9,868.2	-455.2	769.7	592.5	177.14	4.345			
22,400.0	12,415.0	22,430.9	12,415.0	79.1	100.4	89.99	-9,968.2	-454.5	769.7	590.9	178.83	4.304			
22,500.0	12,415.0	22,530.9	12,415.0	79.9	101.4	89.99	-10,068.2	-453.7	769.7	589.2	180.51	4.264			
22,600.0	12,415.0	22,630.9	12,415.0	80.6	102.3	89.99	-10,168.2	-453.0	769.7	587.5	182.20	4.225			

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well MEAT LOVER FED COM #603H - Slot MEAT LOVER FED COM #603H
Project:	LEA COUNTY SOUTHEAST	TVD Reference:	KB=27 @ 3743.4usft
Reference Site:	MEAT LOVER FED COM PROJECT	MD Reference:	KB=27 @ 3743.4usft
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	MEAT LOVER FED COM #603H	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:	PWP3	Offset TVD Reference:	Offset Datum

Offset Design: MEAT LOVER FED COM PROJECT - MEAT LOVER FED COM #602H - OWB - PWP4											Offset Site Error:	0.0 usft
Survey Program: 0-r.5 MWD+IFR1											Offset Well Error:	3.0 usft
Reference	Offset	Semi Major Axis		Offset Wellbore Centre		Distance		Minimum Separation		Separation	Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Factor	
22,700.0	12,415.0	22,730.9	12,415.0	81.4	103.3	89.99	-10,268.2	-452.2	769.7	585.8	183.88	4.186
22,800.0	12,415.0	22,830.9	12,415.0	82.1	104.2	89.99	-10,368.2	-451.5	769.7	584.1	185.57	4.148
22,900.0	12,415.0	22,930.9	12,415.0	82.9	105.1	89.99	-10,468.2	-450.7	769.7	582.5	187.26	4.110
23,000.0	12,415.0	23,030.9	12,415.0	83.7	106.1	89.99	-10,568.2	-450.0	769.7	580.8	188.94	4.074
23,100.0	12,415.0	23,130.9	12,415.0	84.4	107.0	89.99	-10,668.2	-449.2	769.7	579.1	190.63	4.038
23,200.0	12,415.0	23,230.9	12,415.0	85.2	108.0	89.99	-10,768.2	-448.5	769.7	577.4	192.32	4.002
23,300.0	12,415.0	23,330.9	12,415.0	85.9	108.9	89.99	-10,868.2	-447.7	769.7	575.7	194.01	3.968
23,400.0	12,415.0	23,430.9	12,415.0	86.7	109.9	89.99	-10,968.2	-447.0	769.7	574.0	195.70	3.933
23,500.0	12,415.0	23,530.9	12,415.0	87.5	110.8	89.99	-11,068.2	-446.2	769.8	572.4	197.39	3.900
23,600.0	12,415.0	23,630.9	12,415.0	88.2	111.7	89.99	-11,168.2	-445.5	769.8	570.7	199.08	3.867
23,700.0	12,415.0	23,730.9	12,415.0	89.0	112.7	89.99	-11,268.2	-444.7	769.8	569.0	200.78	3.834
23,800.0	12,415.0	23,830.9	12,415.0	89.7	113.6	89.99	-11,368.2	-444.0	769.8	567.3	202.47	3.802
23,900.0	12,415.0	23,930.9	12,415.0	90.5	114.6	89.99	-11,468.2	-443.2	769.8	565.6	204.16	3.770
24,000.0	12,415.0	24,030.9	12,415.0	91.3	115.5	89.99	-11,568.1	-442.5	769.8	563.9	205.85	3.739
24,100.0	12,415.0	24,130.9	12,415.0	92.0	116.5	89.99	-11,668.1	-441.7	769.8	562.2	207.55	3.709
24,200.0	12,415.0	24,230.9	12,415.0	92.8	117.4	89.99	-11,768.1	-441.0	769.8	560.6	209.24	3.679
24,300.0	12,415.0	24,330.9	12,415.0	93.5	118.4	89.99	-11,868.1	-440.2	769.8	558.9	210.94	3.649
24,400.0	12,415.0	24,430.9	12,415.0	94.3	119.3	89.99	-11,968.1	-439.5	769.8	557.2	212.63	3.620
24,500.0	12,415.0	24,530.9	12,415.0	95.1	120.3	89.99	-12,068.1	-438.7	769.8	555.5	214.33	3.592
24,600.0	12,415.0	24,630.9	12,415.0	95.8	121.2	89.99	-12,168.1	-438.0	769.8	553.8	216.02	3.564
24,700.0	12,415.0	24,730.9	12,415.0	96.6	122.2	89.99	-12,268.1	-437.2	769.8	552.1	217.72	3.536
24,800.0	12,415.0	24,830.9	12,415.0	97.3	123.1	89.99	-12,368.1	-436.5	769.8	550.4	219.42	3.509
24,900.0	12,415.0	24,930.9	12,415.0	98.1	124.1	89.99	-12,468.1	-435.7	769.8	548.7	221.12	3.482
25,000.0	12,415.0	25,030.9	12,415.0	98.9	125.0	89.99	-12,568.1	-435.0	769.9	547.0	222.81	3.455
25,100.0	12,415.0	25,130.9	12,415.0	99.6	126.0	89.99	-12,668.1	-434.2	769.9	545.3	224.51	3.429
25,200.0	12,415.0	25,230.9	12,415.0	100.4	126.9	89.99	-12,768.1	-433.5	769.9	543.7	226.21	3.403
25,300.0	12,415.0	25,330.9	12,415.0	101.1	127.9	89.99	-12,868.1	-432.7	769.9	542.0	227.91	3.378
25,400.0	12,415.0	25,430.9	12,415.0	101.9	128.8	89.99	-12,968.1	-432.0	769.9	540.3	229.61	3.353
25,500.0	12,415.0	25,530.9	12,415.0	102.7	129.8	89.99	-13,068.1	-431.2	769.9	538.6	231.31	3.328
25,600.0	12,415.0	25,630.9	12,415.0	103.4	130.7	89.99	-13,168.1	-430.5	769.9	536.9	233.01	3.304
25,700.0	12,415.0	25,730.9	12,415.0	104.2	131.7	89.99	-13,268.1	-429.7	769.9	535.2	234.71	3.280
25,800.0	12,415.0	25,830.9	12,415.0	105.0	132.6	89.99	-13,368.1	-429.0	769.9	533.5	236.41	3.257
25,900.0	12,415.0	25,930.9	12,415.0	105.7	133.6	89.99	-13,468.1	-428.2	769.9	531.8	238.11	3.233
26,000.0	12,415.0	26,030.9	12,415.0	106.5	134.5	89.99	-13,568.1	-427.5	769.9	530.1	239.81	3.211
26,100.0	12,415.0	26,130.9	12,415.0	107.2	135.5	89.99	-13,668.1	-426.7	769.9	528.4	241.51	3.188
26,200.0	12,415.0	26,230.9	12,415.0	108.0	136.4	89.99	-13,768.1	-426.0	769.9	526.7	243.21	3.166
26,300.0	12,415.0	26,330.9	12,415.0	108.8	137.4	89.99	-13,868.1	-425.2	769.9	525.0	244.91	3.144
26,400.0	12,415.0	26,430.9	12,415.0	109.5	138.3	89.99	-13,968.1	-424.5	769.9	523.3	246.62	3.122
26,500.0	12,415.0	26,530.9	12,415.0	110.3	139.3	89.99	-14,068.1	-423.7	770.0	521.6	248.32	3.101
26,600.0	12,415.0	26,630.9	12,415.0	111.0	140.2	89.99	-14,168.1	-423.0	770.0	519.9	250.02	3.080
26,700.0	12,415.0	26,730.9	12,415.0	111.8	141.2	89.99	-14,268.1	-422.2	770.0	518.2	251.73	3.059
26,800.0	12,415.0	26,830.9	12,415.0	112.6	142.1	89.99	-14,368.1	-421.5	770.0	516.5	253.43	3.038
26,900.0	12,415.0	26,930.9	12,415.0	113.3	143.1	89.99	-14,468.1	-420.7	770.0	514.8	255.13	3.018
27,000.0	12,415.0	27,030.9	12,415.0	114.1	144.1	89.99	-14,568.1	-420.0	770.0	513.2	256.84	2.998
27,100.0	12,415.0	27,130.9	12,415.0	114.9	145.0	89.99	-14,668.1	-419.2	770.0	511.5	258.54	2.978
27,200.0	12,415.0	27,230.9	12,415.0	115.6	146.0	89.99	-14,768.1	-418.5	770.0	509.8	260.24	2.959
27,300.0	12,415.0	27,330.9	12,415.0	116.4	146.9	89.99	-14,868.1	-417.7	770.0	508.1	261.95	2.940
27,400.0	12,415.0	27,430.9	12,415.0	117.1	147.9	89.99	-14,968.1	-417.0	770.0	506.4	263.65	2.921
27,500.0	12,415.0	27,530.9	12,415.0	117.9	148.8	89.99	-15,068.0	-416.2	770.0	504.7	265.36	2.902
27,600.0	12,415.0	27,630.9	12,415.0	118.7	149.8	89.99	-15,168.0	-415.5	770.0	503.0	267.06	2.883
27,700.0	12,415.0	27,730.9	12,415.0	119.4	150.7	89.99	-15,268.0	-414.7	770.0	501.3	268.77	2.865

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well MEAT LOVER FED COM #603H - Slot MEAT LOVER FED COM #603H
Project:	LEA COUNTY SOUTHEAST	TVD Reference:	KB=27 @ 3743.4usft
Reference Site:	MEAT LOVER FED COM PROJECT	MD Reference:	KB=27 @ 3743.4usft
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	MEAT LOVER FED COM #603H	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:	PWP3	Offset TVD Reference:	Offset Datum

Offset Design:	MEAT LOVER FED COM PROJECT - MEAT LOVER FED COM #602H - OWB - PWP4											Offset Site Error:	0.0 usft
Survey Program:	0-r.5 MWD+IFR1											Offset Well Error:	3.0 usft
Reference	Offset	Semi Major Axis		Rule Assigned:		Distance		Warning					
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
27,800.0	12,415.0	27,830.9	12,415.0	120.2	151.7	89.99	-15,368.0	-414.0	770.0	499.6	270.48	2.847	
27,900.0	12,415.0	27,930.9	12,415.0	121.0	152.6	89.99	-15,468.0	-413.2	770.0	497.9	272.18	2.829	
27,900.8	12,415.0	27,931.8	12,415.0	121.0	152.7	89.99	-15,468.9	-413.2	770.0	497.9	272.20	2.829	

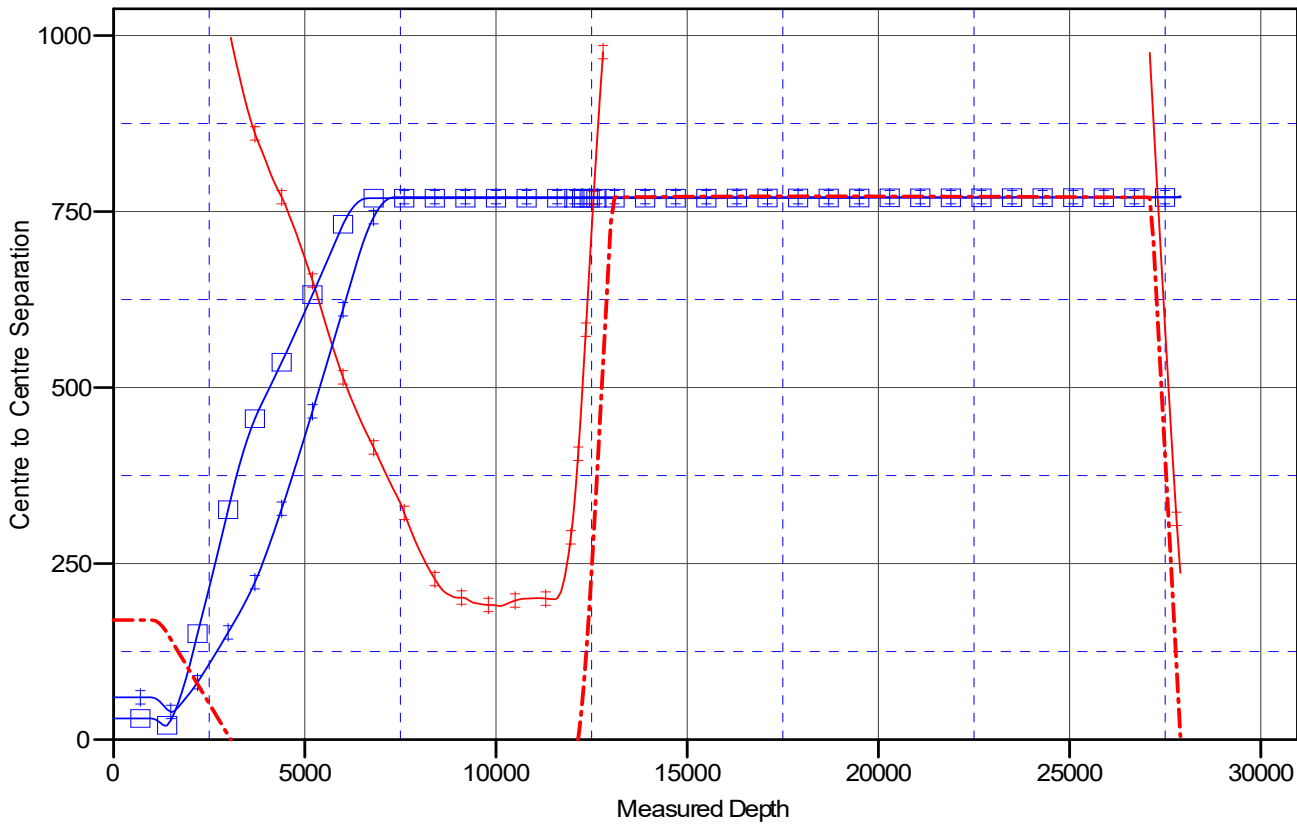
ConocoPhillips
Anticollision Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well MEAT LOVER FED COM #603H - Slot MEAT LOVER FED COM #603H
Project:	LEA COUNTY SOUTHEAST	TVD Reference:	KB=27 @ 3743.4usft
Reference Site:	MEAT LOVER FED COM PROJECT	MD Reference:	KB=27 @ 3743.4usft
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	MEAT LOVER FED COM #603H	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:	PWP3	Offset TVD Reference:	Offset Datum

Reference Depths are relative to KB=27 @ 3743.4usft
Offset Depths are relative to Offset Datum
Central Meridian is 104° 20' 0.000 W

Coordinates are relative to: MEAT LOVER FED COM #603H - Slot MEAT LOVER
Coordinate System is US State Plane 1927 (Exact solution), New Mexico East 30
Grid Convergence at Surface is: 0.39°

Ladder Plot



LEGEND

RODNEY ROBINSON FEDERAL COM #134H, OWB, AWP V0
MIS AMIGOS STATE #907H, OWB, AWP V0
MEAT LOVER FED COM #601H, OWB, PWP4 V0
MEAT LOVER FED COM #602H, OWB, PWP4 V0

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well MEAT LOVER FED COM #603H - Slot MEAT LOVER FED COM #603H
Project:	LEA COUNTY SOUTHEAST	TVD Reference:	KB=27 @ 3743.4usft
Reference Site:	MEAT LOVER FED COM PROJECT	MD Reference:	KB=27 @ 3743.4usft
Site Error:	0.0 usft	North Reference:	Grid
Reference Well:	MEAT LOVER FED COM #603H	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:	PWP3	Offset TVD Reference:	Offset Datum

Reference Depths are relative to KB=27 @ 3743.4usft

Offset Depths are relative to Offset Datum

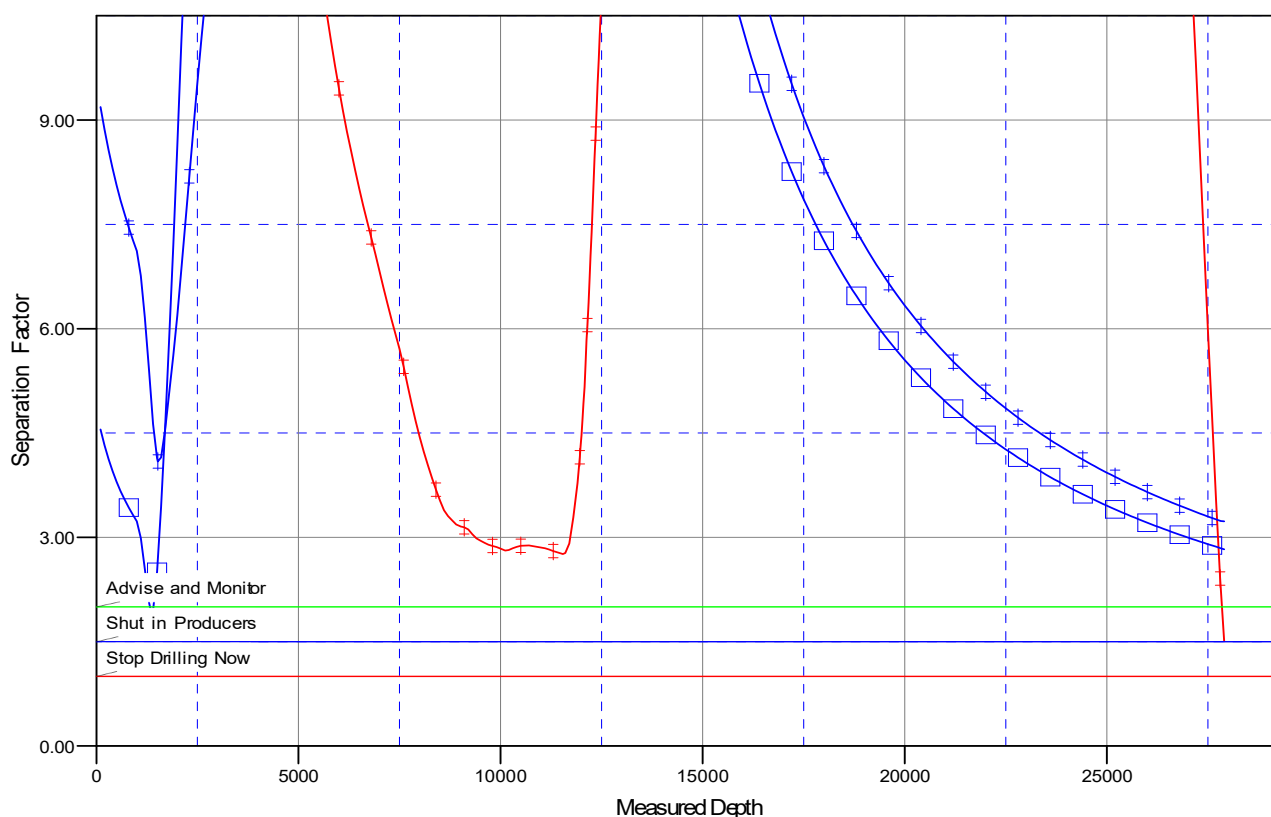
Central Meridian is 104° 20' 0.000 W

Coordinates are relative to: MEAT LOVER FED COM #603H - Slot MEAT LOVER

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

Grid Convergence at Surface is: 0.39°

Separation Factor Plot



LEGEND

RODNEY ROBINSON FEDERAL COM #134H, OWB, AWP V0
 MS AMIGOS STATE #907H, OWB, AWP V0

MEAT LOVER FED COM #601H, OWB, PWP4 V0
 MEAT LOVER FED COM #602H, OWB, PWP4 V0

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

DELAWARE BASIN EAST

LEA COUNTY SOUTHEAST

MEAT LOVER FED COM PROJECT

**MEAT LOVER FED COM #603H - Slot MEAT LOVER FED COM
#603H**

OWB

Plan: PWP3

Standard Planning Report

14 November, 2023

ConocoPhillips
Planning Report

Database:	EDT 17 Central Planning Prod	Local Co-ordinate Reference:	Well MEAT LOVER FED COM #603H - Slot MEAT LOVER FED COM #603H
Company:	DELAWARE BASIN EAST	TVD Reference:	KB=27 @ 3743.4usft
Project:	LEA COUNTY SOUTHEAST	MD Reference:	KB=27 @ 3743.4usft
Site:	MEAT LOVER FED COM PROJECT	North Reference:	Grid
Well:	MEAT LOVER FED COM #603H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PWP3		

Project	LEA COUNTY SOUTHEAST		
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
From:	Map	Easting:	720,599.28 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 18' 42.901 N
		Longitude:	103° 37' 9.447 W

Well	MEAT LOVER FED COM #603H - Slot MEAT LOVER FED COM #603H					
Well Position	+N/-S	0.0 usft	Northing:	477,675.30 usft	Latitude:	32° 18' 40.156 N
	+E/-W	0.0 usft	Easting:	724,467.60 usft	Longitude:	103° 36' 24.394 W
Position Uncertainty		3.0 usft	Wellhead Elevation:	usft	Ground Level:	3,716.4 usft
Grid Convergence:		0.39 °				

Wellbore	OWB				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2021	7/7/2021	6.55	60.00	47,752.60436215

Design	PWP3			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	178.68

Plan Survey Tool Program		Date	11/14/2023		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks	
1	0.0	11,957.6 PWP3 (OWB)	r.5 SDI_KPR_WL_NS-CT SDI Keeper Wireline Gyrocom		
2	11,957.6	27,900.8 PWP3 (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 #603H - Slot MEAT LOVER FED COM #603H
Company:	DELAWARE BASIN EAST	TVD Reference:	KB=27 @ 3743.4usft
Project:	LEA COUNTY SOUTHEAST	MD Reference:	KB=27 @ 3743.4usft
Site:	MEAT LOVER FED COM PROJECT	North Reference:	Grid
Well:	MEAT LOVER FED COM #603H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PWP3		

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	
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,400.0	8.00	49.00	1,398.7	18.3	21.0	2.00	2.00	0.00	49.00	
3,067.5	8.00	49.00	3,050.0	170.5	196.2	0.00	0.00	0.00	0.00	
3,867.5	0.00	0.00	3,847.4	207.1	238.3	1.00	-1.00	0.00	180.00	
11,957.6	0.00	0.00	11,937.5	207.1	238.3	0.00	0.00	0.00	0.00	
12,707.6	90.00	179.57	12,415.0	-270.3	241.9	12.00	12.00	23.94	179.57	
27,900.8	90.00	179.57	12,415.0	-15,463.1	356.8	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 #603H - Slot MEAT LOVER FED COM #603H
Company:	DELAWARE BASIN EAST	TVD Reference:	KB=27 @ 3743.4usft
Project:	LEA COUNTY SOUTHEAST	MD Reference:	KB=27 @ 3743.4usft
Site:	MEAT LOVER FED COM PROJECT	North Reference:	Grid
Well:	MEAT LOVER FED COM #603H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PWP3		

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	2.00	49.00	1,100.0	1.1	1.3	-1.1	2.00	2.00	0.00	
1,200.0	4.00	49.00	1,199.8	4.6	5.3	-4.5	2.00	2.00	0.00	
1,300.0	6.00	49.00	1,299.5	10.3	11.8	-10.0	2.00	2.00	0.00	
1,400.0	8.00	49.00	1,398.7	18.3	21.0	-17.8	2.00	2.00	0.00	
1,500.0	8.00	49.00	1,497.7	27.4	31.5	-26.7	0.00	0.00	0.00	
1,600.0	8.00	49.00	1,596.8	36.6	42.0	-35.6	0.00	0.00	0.00	
1,700.0	8.00	49.00	1,695.8	45.7	52.6	-44.5	0.00	0.00	0.00	
1,800.0	8.00	49.00	1,794.8	54.8	63.1	-53.3	0.00	0.00	0.00	
1,900.0	8.00	49.00	1,893.8	63.9	73.6	-62.2	0.00	0.00	0.00	
2,000.0	8.00	49.00	1,992.9	73.1	84.1	-71.1	0.00	0.00	0.00	
2,100.0	8.00	49.00	2,091.9	82.2	94.6	-80.0	0.00	0.00	0.00	
2,200.0	8.00	49.00	2,190.9	91.3	105.1	-88.9	0.00	0.00	0.00	
2,300.0	8.00	49.00	2,289.9	100.5	115.6	-97.8	0.00	0.00	0.00	
2,400.0	8.00	49.00	2,389.0	109.6	126.1	-106.7	0.00	0.00	0.00	
2,500.0	8.00	49.00	2,488.0	118.7	136.6	-115.5	0.00	0.00	0.00	
2,600.0	8.00	49.00	2,587.0	127.9	147.1	-124.4	0.00	0.00	0.00	
2,700.0	8.00	49.00	2,686.1	137.0	157.6	-133.3	0.00	0.00	0.00	
2,800.0	8.00	49.00	2,785.1	146.1	168.1	-142.2	0.00	0.00	0.00	
2,900.0	8.00	49.00	2,884.1	155.2	178.6	-151.1	0.00	0.00	0.00	
3,000.0	8.00	49.00	2,983.1	164.4	189.1	-160.0	0.00	0.00	0.00	
3,067.5	8.00	49.00	3,050.0	170.5	196.2	-166.0	0.00	0.00	0.00	
3,100.0	7.68	49.00	3,082.2	173.5	199.5	-168.8	1.00	-1.00	0.00	
3,200.0	6.68	49.00	3,181.4	181.6	209.0	-176.8	1.00	-1.00	0.00	
3,300.0	5.68	49.00	3,280.8	188.7	217.1	-183.6	1.00	-1.00	0.00	
3,400.0	4.68	49.00	3,380.4	194.6	223.9	-189.4	1.00	-1.00	0.00	
3,500.0	3.68	49.00	3,480.1	199.4	229.4	-194.1	1.00	-1.00	0.00	
3,600.0	2.68	49.00	3,580.0	203.0	233.6	-197.6	1.00	-1.00	0.00	
3,700.0	1.68	49.00	3,679.9	205.5	236.4	-200.0	1.00	-1.00	0.00	
3,800.0	0.68	49.00	3,779.9	206.9	238.0	-201.3	1.00	-1.00	0.00	
3,867.5	0.00	0.00	3,847.4	207.1	238.3	-201.6	1.00	-1.00	0.00	
3,900.0	0.00	0.00	3,879.9	207.1	238.3	-201.6	0.00	0.00	0.00	
4,000.0	0.00	0.00	3,979.9	207.1	238.3	-201.6	0.00	0.00	0.00	
4,100.0	0.00	0.00	4,079.9	207.1	238.3	-201.6	0.00	0.00	0.00	
4,200.0	0.00	0.00	4,179.9	207.1	238.3	-201.6	0.00	0.00	0.00	
4,300.0	0.00	0.00	4,279.9	207.1	238.3	-201.6	0.00	0.00	0.00	
4,400.0	0.00	0.00	4,379.9	207.1	238.3	-201.6	0.00	0.00	0.00	
4,500.0	0.00	0.00	4,479.9	207.1	238.3	-201.6	0.00	0.00	0.00	
4,600.0	0.00	0.00	4,579.9	207.1	238.3	-201.6	0.00	0.00	0.00	
4,700.0	0.00	0.00	4,679.9	207.1	238.3	-201.6	0.00	0.00	0.00	
4,800.0	0.00	0.00	4,779.9	207.1	238.3	-201.6	0.00	0.00	0.00	
4,900.0	0.00	0.00	4,879.9	207.1	238.3	-201.6	0.00	0.00	0.00	
5,000.0	0.00	0.00	4,979.9	207.1	238.3	-201.6	0.00	0.00	0.00	

ConocoPhillips

Planning Report

Database:	EDT 17 Central Planning Prod	Local Co-ordinate Reference:	Well MEAT LOVER FED COM #603H - Slot MEAT LOVER FED COM #603H
Company:	DELAWARE BASIN EAST	TVD Reference:	KB=27 @ 3743.4usft
Project:	LEA COUNTY SOUTHEAST	MD Reference:	KB=27 @ 3743.4usft
Site:	MEAT LOVER FED COM PROJECT	North Reference:	Grid
Well:	MEAT LOVER FED COM #603H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PWP3		

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	5,079.9	207.1	238.3	-201.6	0.00	0.00	0.00	
5,200.0	0.00	0.00	5,179.9	207.1	238.3	-201.6	0.00	0.00	0.00	
5,300.0	0.00	0.00	5,279.9	207.1	238.3	-201.6	0.00	0.00	0.00	
5,400.0	0.00	0.00	5,379.9	207.1	238.3	-201.6	0.00	0.00	0.00	
5,500.0	0.00	0.00	5,479.9	207.1	238.3	-201.6	0.00	0.00	0.00	
5,600.0	0.00	0.00	5,579.9	207.1	238.3	-201.6	0.00	0.00	0.00	
5,700.0	0.00	0.00	5,679.9	207.1	238.3	-201.6	0.00	0.00	0.00	
5,800.0	0.00	0.00	5,779.9	207.1	238.3	-201.6	0.00	0.00	0.00	
5,900.0	0.00	0.00	5,879.9	207.1	238.3	-201.6	0.00	0.00	0.00	
6,000.0	0.00	0.00	5,979.9	207.1	238.3	-201.6	0.00	0.00	0.00	
6,100.0	0.00	0.00	6,079.9	207.1	238.3	-201.6	0.00	0.00	0.00	
6,200.0	0.00	0.00	6,179.9	207.1	238.3	-201.6	0.00	0.00	0.00	
6,300.0	0.00	0.00	6,279.9	207.1	238.3	-201.6	0.00	0.00	0.00	
6,400.0	0.00	0.00	6,379.9	207.1	238.3	-201.6	0.00	0.00	0.00	
6,500.0	0.00	0.00	6,479.9	207.1	238.3	-201.6	0.00	0.00	0.00	
6,600.0	0.00	0.00	6,579.9	207.1	238.3	-201.6	0.00	0.00	0.00	
6,700.0	0.00	0.00	6,679.9	207.1	238.3	-201.6	0.00	0.00	0.00	
6,800.0	0.00	0.00	6,779.9	207.1	238.3	-201.6	0.00	0.00	0.00	
6,900.0	0.00	0.00	6,879.9	207.1	238.3	-201.6	0.00	0.00	0.00	
7,000.0	0.00	0.00	6,979.9	207.1	238.3	-201.6	0.00	0.00	0.00	
7,100.0	0.00	0.00	7,079.9	207.1	238.3	-201.6	0.00	0.00	0.00	
7,200.0	0.00	0.00	7,179.9	207.1	238.3	-201.6	0.00	0.00	0.00	
7,300.0	0.00	0.00	7,279.9	207.1	238.3	-201.6	0.00	0.00	0.00	
7,400.0	0.00	0.00	7,379.9	207.1	238.3	-201.6	0.00	0.00	0.00	
7,500.0	0.00	0.00	7,479.9	207.1	238.3	-201.6	0.00	0.00	0.00	
7,600.0	0.00	0.00	7,579.9	207.1	238.3	-201.6	0.00	0.00	0.00	
7,700.0	0.00	0.00	7,679.9	207.1	238.3	-201.6	0.00	0.00	0.00	
7,800.0	0.00	0.00	7,779.9	207.1	238.3	-201.6	0.00	0.00	0.00	
7,900.0	0.00	0.00	7,879.9	207.1	238.3	-201.6	0.00	0.00	0.00	
8,000.0	0.00	0.00	7,979.9	207.1	238.3	-201.6	0.00	0.00	0.00	
8,100.0	0.00	0.00	8,079.9	207.1	238.3	-201.6	0.00	0.00	0.00	
8,200.0	0.00	0.00	8,179.9	207.1	238.3	-201.6	0.00	0.00	0.00	
8,300.0	0.00	0.00	8,279.9	207.1	238.3	-201.6	0.00	0.00	0.00	
8,400.0	0.00	0.00	8,379.9	207.1	238.3	-201.6	0.00	0.00	0.00	
8,500.0	0.00	0.00	8,479.9	207.1	238.3	-201.6	0.00	0.00	0.00	
8,600.0	0.00	0.00	8,579.9	207.1	238.3	-201.6	0.00	0.00	0.00	
8,700.0	0.00	0.00	8,679.9	207.1	238.3	-201.6	0.00	0.00	0.00	
8,800.0	0.00	0.00	8,779.9	207.1	238.3	-201.6	0.00	0.00	0.00	
8,900.0	0.00	0.00	8,879.9	207.1	238.3	-201.6	0.00	0.00	0.00	
9,000.0	0.00	0.00	8,979.9	207.1	238.3	-201.6	0.00	0.00	0.00	
9,100.0	0.00	0.00	9,079.9	207.1	238.3	-201.6	0.00	0.00	0.00	
9,200.0	0.00	0.00	9,179.9	207.1	238.3	-201.6	0.00	0.00	0.00	
9,300.0	0.00	0.00	9,279.9	207.1	238.3	-201.6	0.00	0.00	0.00	
9,400.0	0.00	0.00	9,379.9	207.1	238.3	-201.6	0.00	0.00	0.00	
9,500.0	0.00	0.00	9,479.9	207.1	238.3	-201.6	0.00	0.00	0.00	
9,600.0	0.00	0.00	9,579.9	207.1	238.3	-201.6	0.00	0.00	0.00	
9,700.0	0.00	0.00	9,679.9	207.1	238.3	-201.6	0.00	0.00	0.00	
9,800.0	0.00	0.00	9,779.9	207.1	238.3	-201.6	0.00	0.00	0.00	
9,900.0	0.00	0.00	9,879.9	207.1	238.3	-201.6	0.00	0.00	0.00	
10,000.0	0.00	0.00	9,979.9	207.1	238.3	-201.6	0.00	0.00	0.00	
10,100.0	0.00	0.00	10,079.9	207.1	238.3	-201.6	0.00	0.00	0.00	
10,200.0	0.00	0.00	10,179.9	207.1	238.3	-201.6	0.00	0.00	0.00	
10,300.0	0.00	0.00	10,279.9	207.1	238.3	-201.6	0.00	0.00	0.00	

ConocoPhillips

Planning Report

Database:	EDT 17 Central Planning Prod	Local Co-ordinate Reference:	Well MEAT LOVER FED COM #603H - Slot MEAT LOVER FED COM #603H
Company:	DELAWARE BASIN EAST	TVD Reference:	KB=27 @ 3743.4usft
Project:	LEA COUNTY SOUTHEAST	MD Reference:	KB=27 @ 3743.4usft
Site:	MEAT LOVER FED COM PROJECT	North Reference:	Grid
Well:	MEAT LOVER FED COM #603H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PWP3		

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	10,379.9	207.1	238.3	-201.6	0.00	0.00	0.00	
10,500.0	0.00	0.00	10,479.9	207.1	238.3	-201.6	0.00	0.00	0.00	
10,600.0	0.00	0.00	10,579.9	207.1	238.3	-201.6	0.00	0.00	0.00	
10,700.0	0.00	0.00	10,679.9	207.1	238.3	-201.6	0.00	0.00	0.00	
10,800.0	0.00	0.00	10,779.9	207.1	238.3	-201.6	0.00	0.00	0.00	
10,900.0	0.00	0.00	10,879.9	207.1	238.3	-201.6	0.00	0.00	0.00	
11,000.0	0.00	0.00	10,979.9	207.1	238.3	-201.6	0.00	0.00	0.00	
11,100.0	0.00	0.00	11,079.9	207.1	238.3	-201.6	0.00	0.00	0.00	
11,200.0	0.00	0.00	11,179.9	207.1	238.3	-201.6	0.00	0.00	0.00	
11,300.0	0.00	0.00	11,279.9	207.1	238.3	-201.6	0.00	0.00	0.00	
11,400.0	0.00	0.00	11,379.9	207.1	238.3	-201.6	0.00	0.00	0.00	
11,500.0	0.00	0.00	11,479.9	207.1	238.3	-201.6	0.00	0.00	0.00	
11,600.0	0.00	0.00	11,579.9	207.1	238.3	-201.6	0.00	0.00	0.00	
11,700.0	0.00	0.00	11,679.9	207.1	238.3	-201.6	0.00	0.00	0.00	
11,800.0	0.00	0.00	11,779.9	207.1	238.3	-201.6	0.00	0.00	0.00	
11,900.0	0.00	0.00	11,879.9	207.1	238.3	-201.6	0.00	0.00	0.00	
11,957.6	0.00	0.00	11,937.5	207.1	238.3	-201.6	0.00	0.00	0.00	
11,975.0	2.09	179.57	11,954.9	206.8	238.3	-201.3	12.00	12.00	0.00	
12,000.0	5.09	179.57	11,979.8	205.2	238.3	-199.7	12.00	12.00	0.00	
12,025.0	8.09	179.57	12,004.7	202.4	238.3	-196.8	12.00	12.00	0.00	
12,050.0	11.09	179.57	12,029.3	198.2	238.3	-192.7	12.00	12.00	0.00	
12,075.0	14.09	179.57	12,053.7	192.8	238.4	-187.2	12.00	12.00	0.00	
12,100.0	17.09	179.57	12,077.8	186.1	238.4	-180.5	12.00	12.00	0.00	
12,125.0	20.09	179.57	12,101.5	178.1	238.5	-172.5	12.00	12.00	0.00	
12,150.0	23.09	179.57	12,124.7	168.9	238.6	-163.3	12.00	12.00	0.00	
12,175.0	26.09	179.57	12,147.4	158.5	238.6	-152.9	12.00	12.00	0.00	
12,200.0	29.09	179.57	12,169.6	146.9	238.7	-141.4	12.00	12.00	0.00	
12,225.0	32.09	179.57	12,191.1	134.2	238.8	-128.7	12.00	12.00	0.00	
12,250.0	35.09	179.57	12,211.9	120.4	238.9	-114.8	12.00	12.00	0.00	
12,275.0	38.09	179.57	12,232.0	105.5	239.0	-99.9	12.00	12.00	0.00	
12,300.0	41.09	179.57	12,251.3	89.5	239.2	-84.0	12.00	12.00	0.00	
12,325.0	44.09	179.57	12,269.7	72.6	239.3	-67.1	12.00	12.00	0.00	
12,350.0	47.09	179.57	12,287.2	54.8	239.4	-49.2	12.00	12.00	0.00	
12,375.0	50.09	179.57	12,303.7	36.0	239.6	-30.5	12.00	12.00	0.00	
12,400.0	53.09	179.57	12,319.2	16.4	239.7	-10.9	12.00	12.00	0.00	
12,425.0	56.09	179.57	12,333.7	-3.9	239.9	9.5	12.00	12.00	0.00	
12,450.0	59.09	179.57	12,347.1	-25.0	240.0	30.6	12.00	12.00	0.00	
12,475.0	62.09	179.57	12,359.4	-46.8	240.2	52.3	12.00	12.00	0.00	
12,500.0	65.09	179.57	12,370.5	-69.2	240.4	74.7	12.00	12.00	0.00	
12,525.0	68.09	179.57	12,380.5	-92.1	240.5	97.6	12.00	12.00	0.00	
12,550.0	71.09	179.57	12,389.2	-115.6	240.7	121.1	12.00	12.00	0.00	
12,575.0	74.09	179.57	12,396.7	-139.4	240.9	144.9	12.00	12.00	0.00	
12,600.0	77.09	179.57	12,402.9	-163.6	241.1	169.1	12.00	12.00	0.00	
12,625.0	80.09	179.57	12,407.8	-188.1	241.3	193.6	12.00	12.00	0.00	
12,650.0	83.09	179.57	12,411.5	-212.8	241.4	218.4	12.00	12.00	0.00	
12,675.0	86.09	179.57	12,413.9	-237.7	241.6	243.2	12.00	12.00	0.00	
12,700.0	89.09	179.57	12,414.9	-262.7	241.8	268.2	12.00	12.00	0.00	
12,707.6	90.00	179.57	12,415.0	-270.3	241.9	275.8	12.00	12.00	0.00	
12,800.0	90.00	179.57	12,415.0	-362.7	242.6	368.2	0.00	0.00	0.00	
12,900.0	90.00	179.57	12,415.0	-462.7	243.3	468.2	0.00	0.00	0.00	
13,000.0	90.00	179.57	12,415.0	-562.7	244.1	568.2	0.00	0.00	0.00	
13,100.0	90.00	179.57	12,415.0	-662.7	244.9	668.2	0.00	0.00	0.00	
13,200.0	90.00	179.57	12,415.0	-762.7	245.6	768.1	0.00	0.00	0.00	

ConocoPhillips

Planning Report

Database:	EDT 17 Central Planning Prod	Local Co-ordinate Reference:	Well MEAT LOVER FED COM #603H - Slot MEAT LOVER FED COM #603H
Company:	DELAWARE BASIN EAST	TVD Reference:	KB=27 @ 3743.4usft
Project:	LEA COUNTY SOUTHEAST	MD Reference:	KB=27 @ 3743.4usft
Site:	MEAT LOVER FED COM PROJECT	North Reference:	Grid
Well:	MEAT LOVER FED COM #603H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PWP3		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
13,300.0	90.00	179.57	12,415.0	-862.7	246.4	868.1	0.00	0.00	0.00	
13,400.0	90.00	179.57	12,415.0	-962.7	247.1	968.1	0.00	0.00	0.00	
13,500.0	90.00	179.57	12,415.0	-1,062.7	247.9	1,068.1	0.00	0.00	0.00	
13,600.0	90.00	179.57	12,415.0	-1,162.7	248.6	1,168.1	0.00	0.00	0.00	
13,700.0	90.00	179.57	12,415.0	-1,262.7	249.4	1,268.1	0.00	0.00	0.00	
13,800.0	90.00	179.57	12,415.0	-1,362.7	250.1	1,368.1	0.00	0.00	0.00	
13,900.0	90.00	179.57	12,415.0	-1,462.7	250.9	1,468.1	0.00	0.00	0.00	
14,000.0	90.00	179.57	12,415.0	-1,562.7	251.7	1,568.1	0.00	0.00	0.00	
14,100.0	90.00	179.57	12,415.0	-1,662.7	252.4	1,668.0	0.00	0.00	0.00	
14,200.0	90.00	179.57	12,415.0	-1,762.7	253.2	1,768.0	0.00	0.00	0.00	
14,300.0	90.00	179.57	12,415.0	-1,862.7	253.9	1,868.0	0.00	0.00	0.00	
14,400.0	90.00	179.57	12,415.0	-1,962.7	254.7	1,968.0	0.00	0.00	0.00	
14,500.0	90.00	179.57	12,415.0	-2,062.6	255.4	2,068.0	0.00	0.00	0.00	
14,600.0	90.00	179.57	12,415.0	-2,162.6	256.2	2,168.0	0.00	0.00	0.00	
14,700.0	90.00	179.57	12,415.0	-2,262.6	257.0	2,268.0	0.00	0.00	0.00	
14,800.0	90.00	179.57	12,415.0	-2,362.6	257.7	2,368.0	0.00	0.00	0.00	
14,900.0	90.00	179.57	12,415.0	-2,462.6	258.5	2,467.9	0.00	0.00	0.00	
15,000.0	90.00	179.57	12,415.0	-2,562.6	259.2	2,567.9	0.00	0.00	0.00	
15,100.0	90.00	179.57	12,415.0	-2,662.6	260.0	2,667.9	0.00	0.00	0.00	
15,200.0	90.00	179.57	12,415.0	-2,762.6	260.7	2,767.9	0.00	0.00	0.00	
15,300.0	90.00	179.57	12,415.0	-2,862.6	261.5	2,867.9	0.00	0.00	0.00	
15,400.0	90.00	179.57	12,415.0	-2,962.6	262.2	2,967.9	0.00	0.00	0.00	
15,500.0	90.00	179.57	12,415.0	-3,062.6	263.0	3,067.9	0.00	0.00	0.00	
15,600.0	90.00	179.57	12,415.0	-3,162.6	263.8	3,167.9	0.00	0.00	0.00	
15,700.0	90.00	179.57	12,415.0	-3,262.6	264.5	3,267.8	0.00	0.00	0.00	
15,800.0	90.00	179.57	12,415.0	-3,362.6	265.3	3,367.8	0.00	0.00	0.00	
15,900.0	90.00	179.57	12,415.0	-3,462.6	266.0	3,467.8	0.00	0.00	0.00	
16,000.0	90.00	179.57	12,415.0	-3,562.6	266.8	3,567.8	0.00	0.00	0.00	
16,100.0	90.00	179.57	12,415.0	-3,662.6	267.5	3,667.8	0.00	0.00	0.00	
16,200.0	90.00	179.57	12,415.0	-3,762.6	268.3	3,767.8	0.00	0.00	0.00	
16,300.0	90.00	179.57	12,415.0	-3,862.6	269.1	3,867.8	0.00	0.00	0.00	
16,400.0	90.00	179.57	12,415.0	-3,962.6	269.8	3,967.8	0.00	0.00	0.00	
16,500.0	90.00	179.57	12,415.0	-4,062.6	270.6	4,067.8	0.00	0.00	0.00	
16,600.0	90.00	179.57	12,415.0	-4,162.6	271.3	4,167.7	0.00	0.00	0.00	
16,700.0	90.00	179.57	12,415.0	-4,262.6	272.1	4,267.7	0.00	0.00	0.00	
16,800.0	90.00	179.57	12,415.0	-4,362.6	272.8	4,367.7	0.00	0.00	0.00	
16,900.0	90.00	179.57	12,415.0	-4,462.6	273.6	4,467.7	0.00	0.00	0.00	
17,000.0	90.00	179.57	12,415.0	-4,562.6	274.3	4,567.7	0.00	0.00	0.00	
17,100.0	90.00	179.57	12,415.0	-4,662.6	275.1	4,667.7	0.00	0.00	0.00	
17,200.0	90.00	179.57	12,415.0	-4,762.6	275.9	4,767.7	0.00	0.00	0.00	
17,300.0	90.00	179.57	12,415.0	-4,862.6	276.6	4,867.7	0.00	0.00	0.00	
17,400.0	90.00	179.57	12,415.0	-4,962.6	277.4	4,967.6	0.00	0.00	0.00	
17,500.0	90.00	179.57	12,415.0	-5,062.6	278.1	5,067.6	0.00	0.00	0.00	
17,600.0	90.00	179.57	12,415.0	-5,162.6	278.9	5,167.6	0.00	0.00	0.00	
17,700.0	90.00	179.57	12,415.0	-5,262.6	279.6	5,267.6	0.00	0.00	0.00	
17,800.0	90.00	179.57	12,415.0	-5,362.6	280.4	5,367.6	0.00	0.00	0.00	
17,900.0	90.00	179.57	12,415.0	-5,462.6	281.2	5,467.6	0.00	0.00	0.00	
18,000.0	90.00	179.57	12,415.0	-5,562.5	281.9	5,567.6	0.00	0.00	0.00	
18,100.0	90.00	179.57	12,415.0	-5,662.5	282.7	5,667.6	0.00	0.00	0.00	
18,200.0	90.00	179.57	12,415.0	-5,762.5	283.4	5,767.5	0.00	0.00	0.00	
18,300.0	90.00	179.57	12,415.0	-5,862.5	284.2	5,867.5	0.00	0.00	0.00	
18,400.0	90.00	179.57	12,415.0	-5,962.5	284.9	5,967.5	0.00	0.00	0.00	
18,500.0	90.00	179.57	12,415.0	-6,062.5	285.7	6,067.5	0.00	0.00	0.00	

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Planning Report

Database:	EDT 17 Central Planning Prod	Local Co-ordinate Reference:	Well MEAT LOVER FED COM #603H - Slot MEAT LOVER FED COM #603H
Company:	DELAWARE BASIN EAST	TVD Reference:	KB=27 @ 3743.4usft
Project:	LEA COUNTY SOUTHEAST	MD Reference:	KB=27 @ 3743.4usft
Site:	MEAT LOVER FED COM PROJECT	North Reference:	Grid
Well:	MEAT LOVER FED COM #603H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PWP3		

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)	
18,600.0	90.00	179.57	12,415.0	-6,162.5	286.4	6,167.5	0.00	0.00	0.00	
18,700.0	90.00	179.57	12,415.0	-6,262.5	287.2	6,267.5	0.00	0.00	0.00	
18,800.0	90.00	179.57	12,415.0	-6,362.5	288.0	6,367.5	0.00	0.00	0.00	
18,900.0	90.00	179.57	12,415.0	-6,462.5	288.7	6,467.5	0.00	0.00	0.00	
19,000.0	90.00	179.57	12,415.0	-6,562.5	289.5	6,567.5	0.00	0.00	0.00	
19,100.0	90.00	179.57	12,415.0	-6,662.5	290.2	6,667.4	0.00	0.00	0.00	
19,200.0	90.00	179.57	12,415.0	-6,762.5	291.0	6,767.4	0.00	0.00	0.00	
19,300.0	90.00	179.57	12,415.0	-6,862.5	291.7	6,867.4	0.00	0.00	0.00	
19,400.0	90.00	179.57	12,415.0	-6,962.5	292.5	6,967.4	0.00	0.00	0.00	
19,500.0	90.00	179.57	12,415.0	-7,062.5	293.3	7,067.4	0.00	0.00	0.00	
19,600.0	90.00	179.57	12,415.0	-7,162.5	294.0	7,167.4	0.00	0.00	0.00	
19,700.0	90.00	179.57	12,415.0	-7,262.5	294.8	7,267.4	0.00	0.00	0.00	
19,800.0	90.00	179.57	12,415.0	-7,362.5	295.5	7,367.4	0.00	0.00	0.00	
19,900.0	90.00	179.57	12,415.0	-7,462.5	296.3	7,467.3	0.00	0.00	0.00	
20,000.0	90.00	179.57	12,415.0	-7,562.5	297.0	7,567.3	0.00	0.00	0.00	
20,100.0	90.00	179.57	12,415.0	-7,662.5	297.8	7,667.3	0.00	0.00	0.00	
20,200.0	90.00	179.57	12,415.0	-7,762.5	298.6	7,767.3	0.00	0.00	0.00	
20,300.0	90.00	179.57	12,415.0	-7,862.5	299.3	7,867.3	0.00	0.00	0.00	
20,400.0	90.00	179.57	12,415.0	-7,962.5	300.1	7,967.3	0.00	0.00	0.00	
20,500.0	90.00	179.57	12,415.0	-8,062.5	300.8	8,067.3	0.00	0.00	0.00	
20,600.0	90.00	179.57	12,415.0	-8,162.5	301.6	8,167.3	0.00	0.00	0.00	
20,700.0	90.00	179.57	12,415.0	-8,262.5	302.3	8,267.2	0.00	0.00	0.00	
20,800.0	90.00	179.57	12,415.0	-8,362.5	303.1	8,367.2	0.00	0.00	0.00	
20,900.0	90.00	179.57	12,415.0	-8,462.5	303.8	8,467.2	0.00	0.00	0.00	
21,000.0	90.00	179.57	12,415.0	-8,562.5	304.6	8,567.2	0.00	0.00	0.00	
21,100.0	90.00	179.57	12,415.0	-8,662.5	305.4	8,667.2	0.00	0.00	0.00	
21,200.0	90.00	179.57	12,415.0	-8,762.5	306.1	8,767.2	0.00	0.00	0.00	
21,300.0	90.00	179.57	12,415.0	-8,862.5	306.9	8,867.2	0.00	0.00	0.00	
21,400.0	90.00	179.57	12,415.0	-8,962.5	307.6	8,967.2	0.00	0.00	0.00	
21,500.0	90.00	179.57	12,415.0	-9,062.4	308.4	9,067.2	0.00	0.00	0.00	
21,600.0	90.00	179.57	12,415.0	-9,162.4	309.1	9,167.1	0.00	0.00	0.00	
21,700.0	90.00	179.57	12,415.0	-9,262.4	309.9	9,267.1	0.00	0.00	0.00	
21,800.0	90.00	179.57	12,415.0	-9,362.4	310.7	9,367.1	0.00	0.00	0.00	
21,900.0	90.00	179.57	12,415.0	-9,462.4	311.4	9,467.1	0.00	0.00	0.00	
22,000.0	90.00	179.57	12,415.0	-9,562.4	312.2	9,567.1	0.00	0.00	0.00	
22,100.0	90.00	179.57	12,415.0	-9,662.4	312.9	9,667.1	0.00	0.00	0.00	
22,200.0	90.00	179.57	12,415.0	-9,762.4	313.7	9,767.1	0.00	0.00	0.00	
22,300.0	90.00	179.57	12,415.0	-9,862.4	314.4	9,867.1	0.00	0.00	0.00	
22,400.0	90.00	179.57	12,415.0	-9,962.4	315.2	9,967.0	0.00	0.00	0.00	
22,500.0	90.00	179.57	12,415.0	-10,062.4	315.9	10,067.0	0.00	0.00	0.00	
22,600.0	90.00	179.57	12,415.0	-10,162.4	316.7	10,167.0	0.00	0.00	0.00	
22,700.0	90.00	179.57	12,415.0	-10,262.4	317.5	10,267.0	0.00	0.00	0.00	
22,800.0	90.00	179.57	12,415.0	-10,362.4	318.2	10,367.0	0.00	0.00	0.00	
22,900.0	90.00	179.57	12,415.0	-10,462.4	319.0	10,467.0	0.00	0.00	0.00	
23,000.0	90.00	179.57	12,415.0	-10,562.4	319.7	10,567.0	0.00	0.00	0.00	
23,100.0	90.00	179.57	12,415.0	-10,662.4	320.5	10,667.0	0.00	0.00	0.00	
23,200.0	90.00	179.57	12,415.0	-10,762.4	321.2	10,766.9	0.00	0.00	0.00	
23,300.0	90.00	179.57	12,415.0	-10,862.4	322.0	10,866.9	0.00	0.00	0.00	
23,400.0	90.00	179.57	12,415.0	-10,962.4	322.8	10,966.9	0.00	0.00	0.00	
23,500.0	90.00	179.57	12,415.0	-11,062.4	323.5	11,066.9	0.00	0.00	0.00	
23,600.0	90.00	179.57	12,415.0	-11,162.4	324.3	11,166.9	0.00	0.00	0.00	
23,700.0	90.00	179.57	12,415.0	-11,262.4	325.0	11,266.9	0.00	0.00	0.00	
23,800.0	90.00	179.57	12,415.0	-11,362.4	325.8	11,366.9	0.00	0.00	0.00	

ConocoPhillips

Planning Report

Database:	EDT 17 Central Planning Prod	Local Co-ordinate Reference:	Well MEAT LOVER FED COM #603H - Slot MEAT LOVER FED COM #603H
Company:	DELAWARE BASIN EAST	TVD Reference:	KB=27 @ 3743.4usft
Project:	LEA COUNTY SOUTHEAST	MD Reference:	KB=27 @ 3743.4usft
Site:	MEAT LOVER FED COM PROJECT	North Reference:	Grid
Well:	MEAT LOVER FED COM #603H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PWP3		

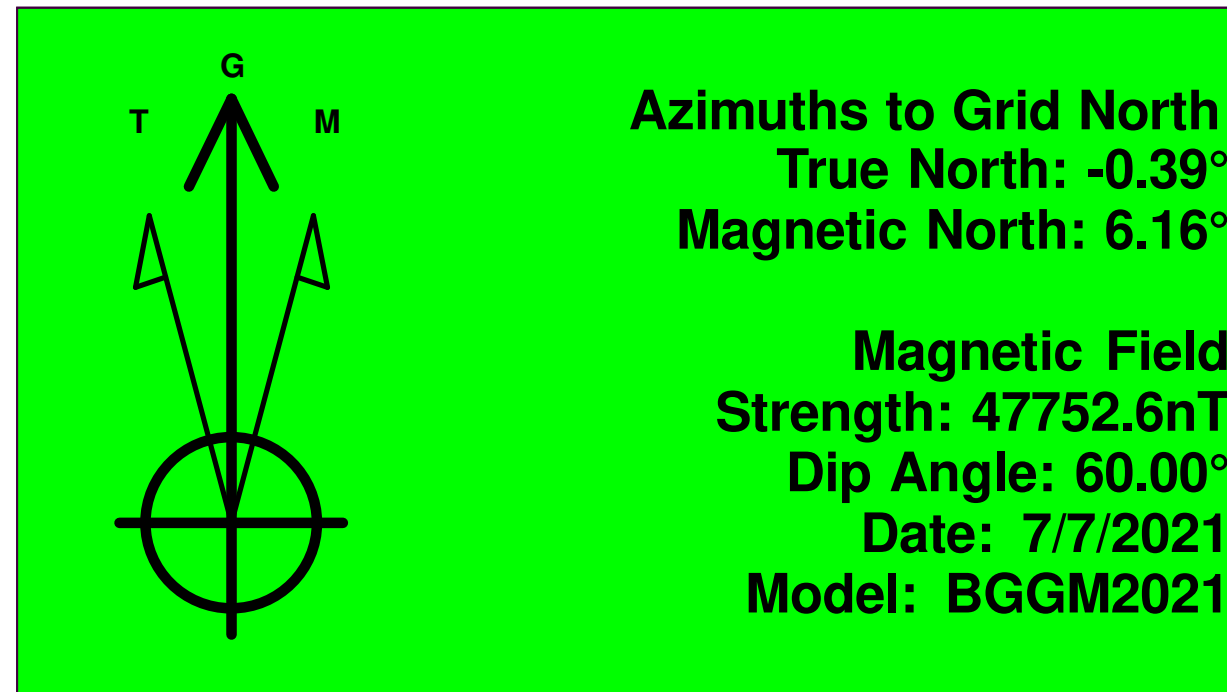
Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
23,900.0	90.00	179.57	12,415.0	-11,462.4	326.5	11,466.9	0.00	0.00	0.00	
24,000.0	90.00	179.57	12,415.0	-11,562.4	327.3	11,566.9	0.00	0.00	0.00	
24,100.0	90.00	179.57	12,415.0	-11,662.4	328.0	11,666.8	0.00	0.00	0.00	
24,200.0	90.00	179.57	12,415.0	-11,762.4	328.8	11,766.8	0.00	0.00	0.00	
24,300.0	90.00	179.57	12,415.0	-11,862.4	329.6	11,866.8	0.00	0.00	0.00	
24,400.0	90.00	179.57	12,415.0	-11,962.4	330.3	11,966.8	0.00	0.00	0.00	
24,500.0	90.00	179.57	12,415.0	-12,062.4	331.1	12,066.8	0.00	0.00	0.00	
24,600.0	90.00	179.57	12,415.0	-12,162.4	331.8	12,166.8	0.00	0.00	0.00	
24,700.0	90.00	179.57	12,415.0	-12,262.4	332.6	12,266.8	0.00	0.00	0.00	
24,800.0	90.00	179.57	12,415.0	-12,362.4	333.3	12,366.8	0.00	0.00	0.00	
24,900.0	90.00	179.57	12,415.0	-12,462.4	334.1	12,466.7	0.00	0.00	0.00	
25,000.0	90.00	179.57	12,415.0	-12,562.3	334.9	12,566.7	0.00	0.00	0.00	
25,100.0	90.00	179.57	12,415.0	-12,662.3	335.6	12,666.7	0.00	0.00	0.00	
25,200.0	90.00	179.57	12,415.0	-12,762.3	336.4	12,766.7	0.00	0.00	0.00	
25,300.0	90.00	179.57	12,415.0	-12,862.3	337.1	12,866.7	0.00	0.00	0.00	
25,400.0	90.00	179.57	12,415.0	-12,962.3	337.9	12,966.7	0.00	0.00	0.00	
25,500.0	90.00	179.57	12,415.0	-13,062.3	338.6	13,066.7	0.00	0.00	0.00	
25,600.0	90.00	179.57	12,415.0	-13,162.3	339.4	13,166.7	0.00	0.00	0.00	
25,700.0	90.00	179.57	12,415.0	-13,262.3	340.1	13,266.6	0.00	0.00	0.00	
25,800.0	90.00	179.57	12,415.0	-13,362.3	340.9	13,366.6	0.00	0.00	0.00	
25,900.0	90.00	179.57	12,415.0	-13,462.3	341.7	13,466.6	0.00	0.00	0.00	
26,000.0	90.00	179.57	12,415.0	-13,562.3	342.4	13,566.6	0.00	0.00	0.00	
26,100.0	90.00	179.57	12,415.0	-13,662.3	343.2	13,666.6	0.00	0.00	0.00	
26,200.0	90.00	179.57	12,415.0	-13,762.3	343.9	13,766.6	0.00	0.00	0.00	
26,300.0	90.00	179.57	12,415.0	-13,862.3	344.7	13,866.6	0.00	0.00	0.00	
26,400.0	90.00	179.57	12,415.0	-13,962.3	345.4	13,966.6	0.00	0.00	0.00	
26,500.0	90.00	179.57	12,415.0	-14,062.3	346.2	14,066.5	0.00	0.00	0.00	
26,600.0	90.00	179.57	12,415.0	-14,162.3	347.0	14,166.5	0.00	0.00	0.00	
26,700.0	90.00	179.57	12,415.0	-14,262.3	347.7	14,266.5	0.00	0.00	0.00	
26,800.0	90.00	179.57	12,415.0	-14,362.3	348.5	14,366.5	0.00	0.00	0.00	
26,900.0	90.00	179.57	12,415.0	-14,462.3	349.2	14,466.5	0.00	0.00	0.00	
27,000.0	90.00	179.57	12,415.0	-14,562.3	350.0	14,566.5	0.00	0.00	0.00	
27,100.0	90.00	179.57	12,415.0	-14,662.3	350.7	14,666.5	0.00	0.00	0.00	
27,200.0	90.00	179.57	12,415.0	-14,762.3	351.5	14,766.5	0.00	0.00	0.00	
27,300.0	90.00	179.57	12,415.0	-14,862.3	352.3	14,866.5	0.00	0.00	0.00	
27,400.0	90.00	179.57	12,415.0	-14,962.3	353.0	14,966.4	0.00	0.00	0.00	
27,500.0	90.00	179.57	12,415.0	-15,062.3	353.8	15,066.4	0.00	0.00	0.00	
27,600.0	90.00	179.57	12,415.0	-15,162.3	354.5	15,166.4	0.00	0.00	0.00	
27,700.0	90.00	179.57	12,415.0	-15,262.3	355.3	15,266.4	0.00	0.00	0.00	
27,800.0	90.00	179.57	12,415.0	-15,362.3	356.0	15,366.4	0.00	0.00	0.00	
27,900.8	90.00	179.57	12,415.0	-15,463.1	356.8	15,467.2	0.00	0.00	0.00	

ConocoPhillips

Planning Report

Database:	EDT 17 Central Planning Prod	Local Co-ordinate Reference:	Well MEAT LOVER FED COM #603H - Slot MEAT LOVER FED COM #603H
Company:	DELAWARE BASIN EAST	TVD Reference:	KB=27 @ 3743.4usft
Project:	LEA COUNTY SOUTHEAST	MD Reference:	KB=27 @ 3743.4usft
Site:	MEAT LOVER FED COM PROJECT	North Reference:	Grid
Well:	MEAT LOVER FED COM #603H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PWP3		

Design Targets									
Target Name									
- hit/miss target	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- Shape	(°)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)		
LTP (MEAT LOVER FED - plan misses target center by 5.0usft at 27900.8usft MD (12415.0 TVD, -15463.1 N, 356.8 E) - Circle (radius 50.0)	90.00	179.58	12,415.0	-15,468.1	356.8	462,207.20	724,824.40	32° 16' 7.068 N	103° 36' 21.459 W
FTP (MEAT LOVER FED - plan misses target center by 172.6usft at 12350.0usft MD (12287.2 TVD, 54.8 N, 239.4 E) - Circle (radius 50.0)	0.00	0.00	12,415.0	170.7	238.7	477,846.00	724,706.30	32° 18' 41.829 N	103° 36' 21.599 W
PBHL (MEAT LOVER FED - plan misses target center by 55.0usft at 27900.8usft MD (12415.0 TVD, -15463.1 N, 356.8 E) - Rectangle (sides W100.0 H15,740.0 D20.0)	0.00	359.57	12,415.0	-15,518.1	357.2	462,157.20	724,824.80	32° 16' 6.573 N	103° 36' 21.458 W



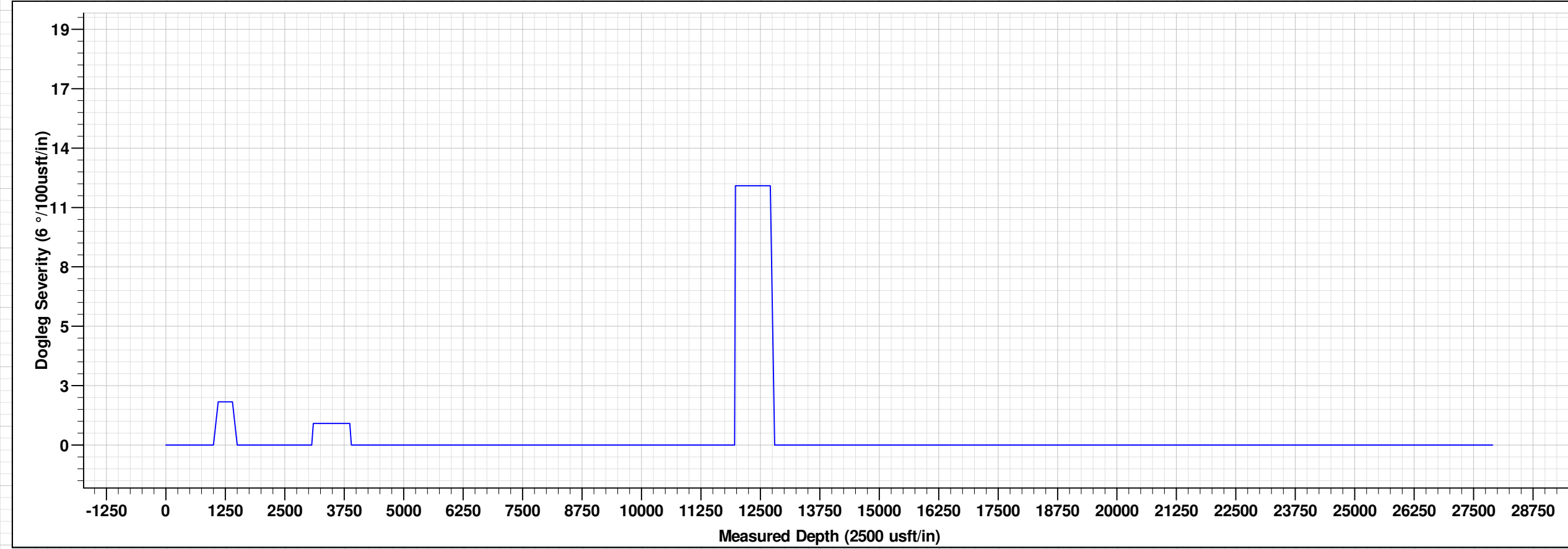
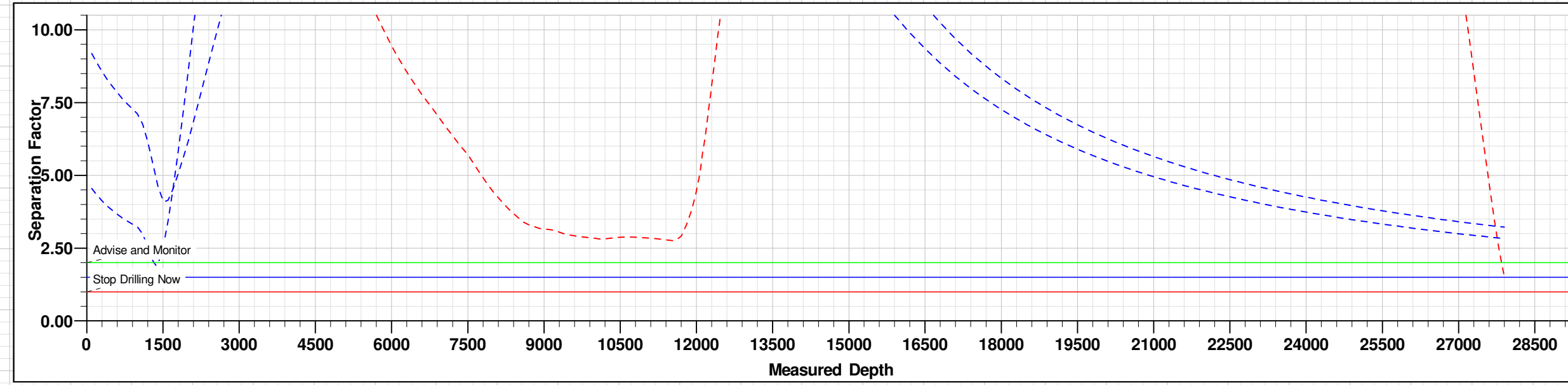
Project: LEA COUNTY SOUTHEAST
Site: MEAT LOVER FED COM PROJECT
Well: MEAT LOVER FED COM #603H
Wellbore: OWB
Design: PWP3
GL: 3716.4
KB=27 @ 3743.4usft

WELL DETAILS: MEAT LOVER FED COM #603H

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.0	0.0	477675.30	724467.60	32° 18' 40.156 N	103° 36' 24.394 W

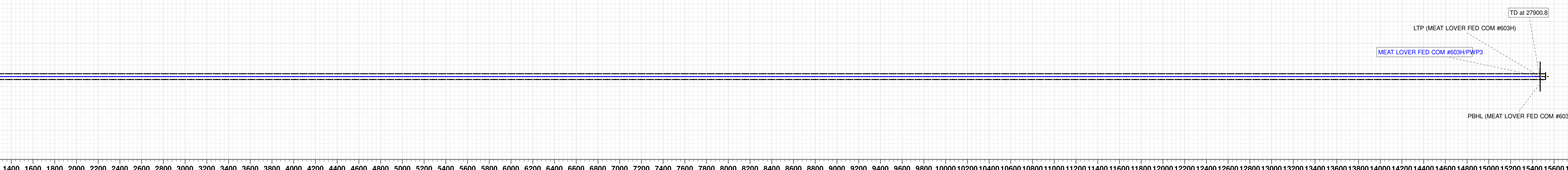
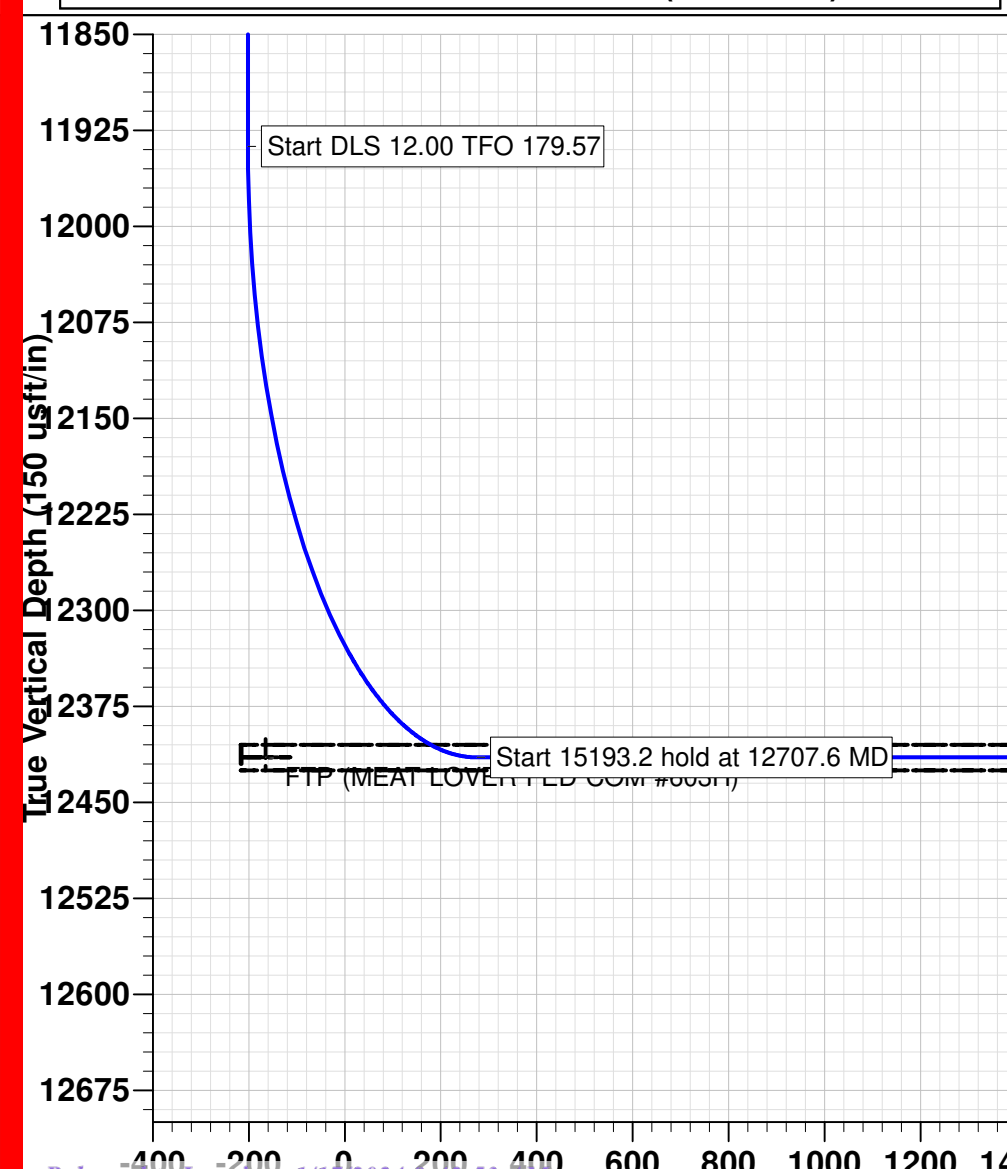
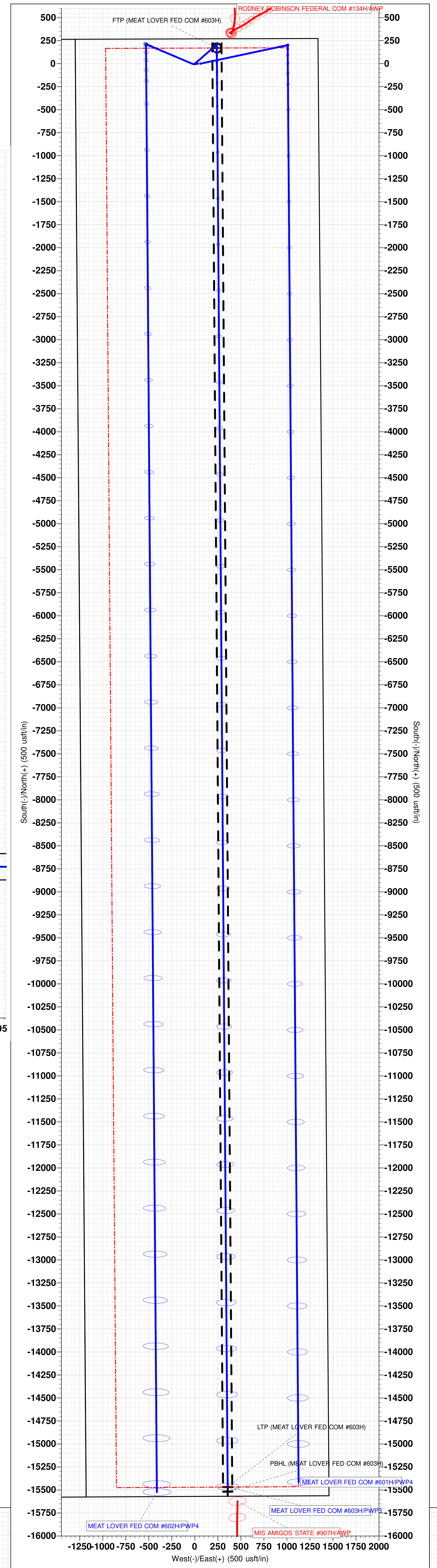
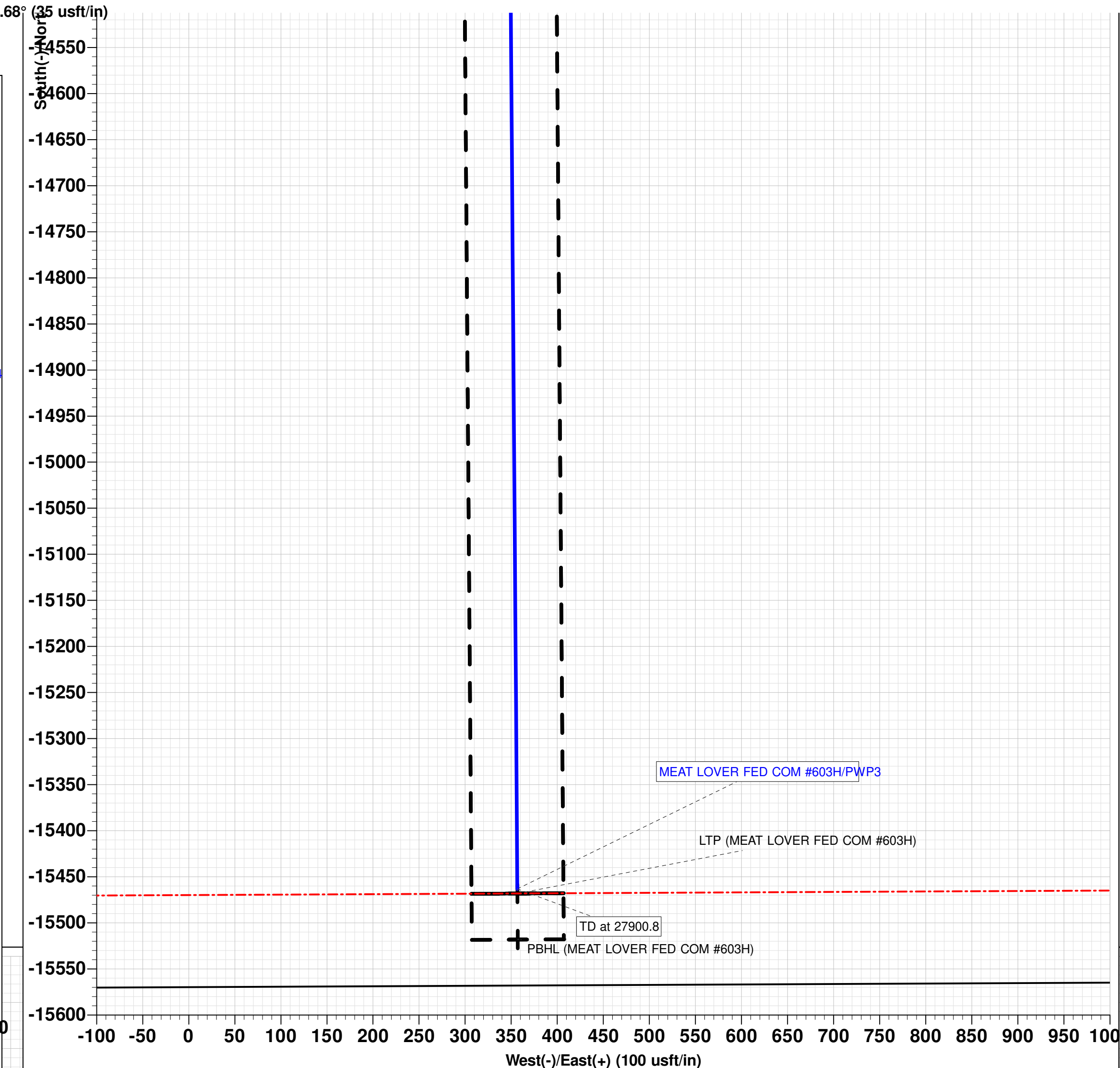
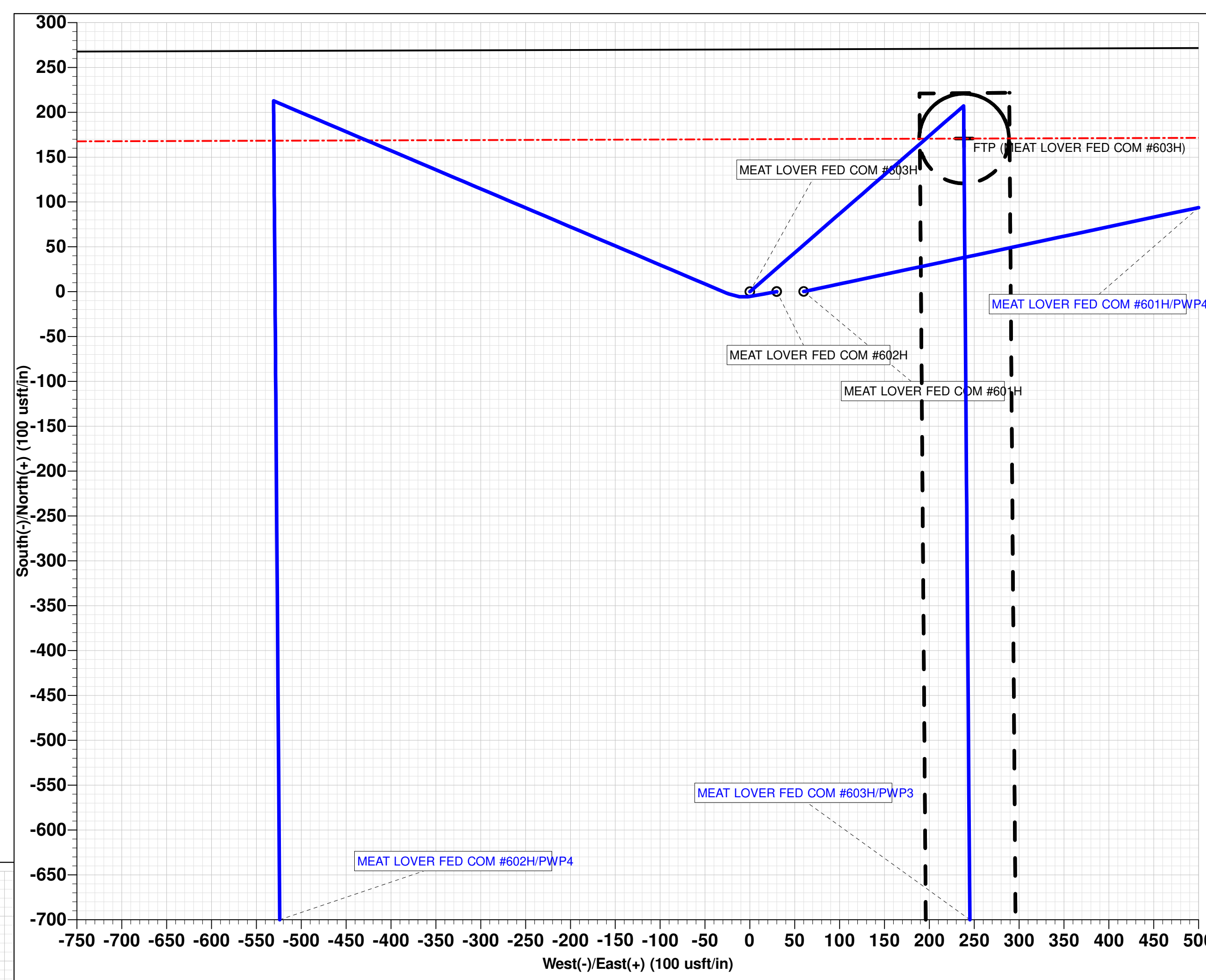
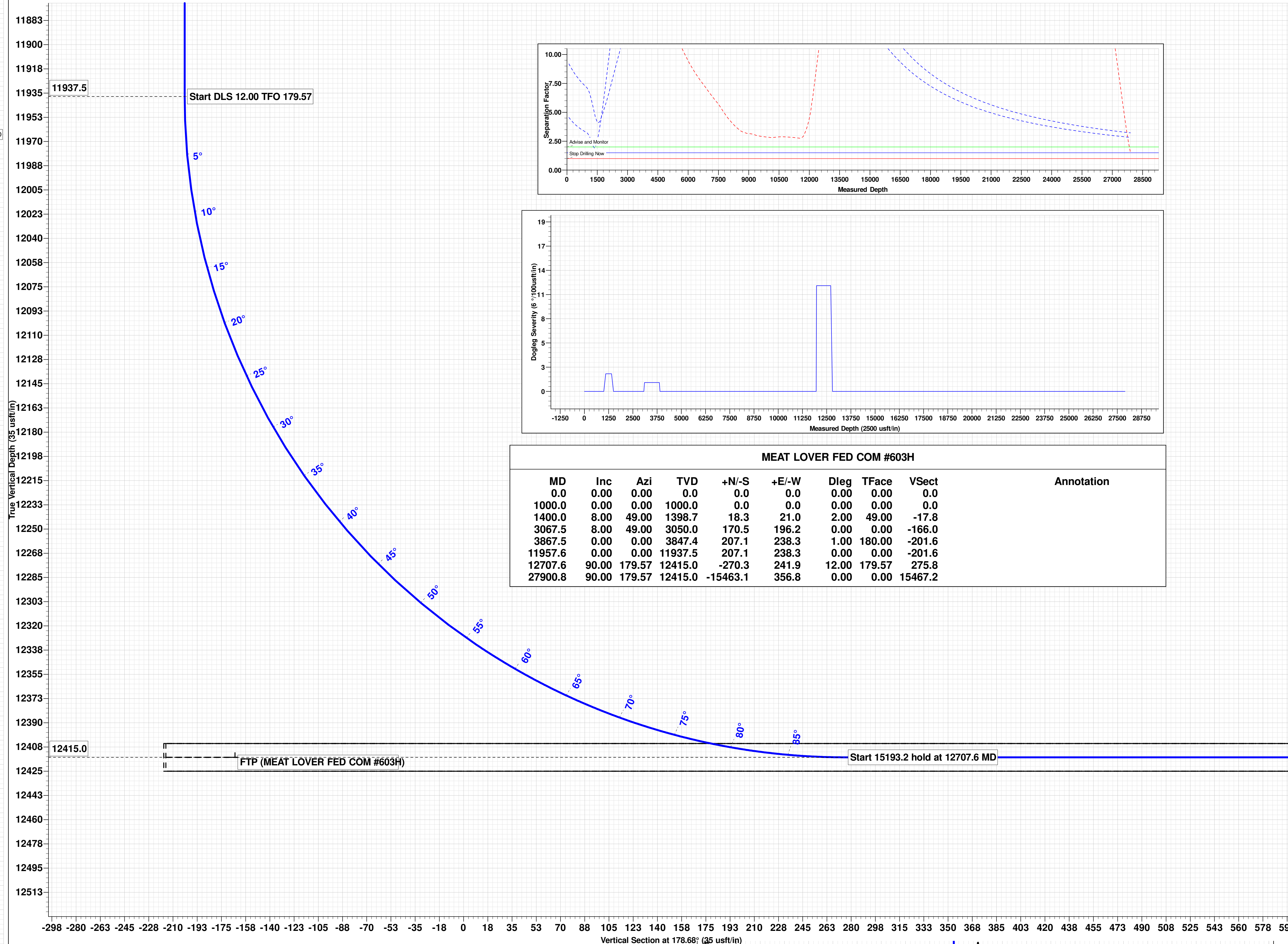
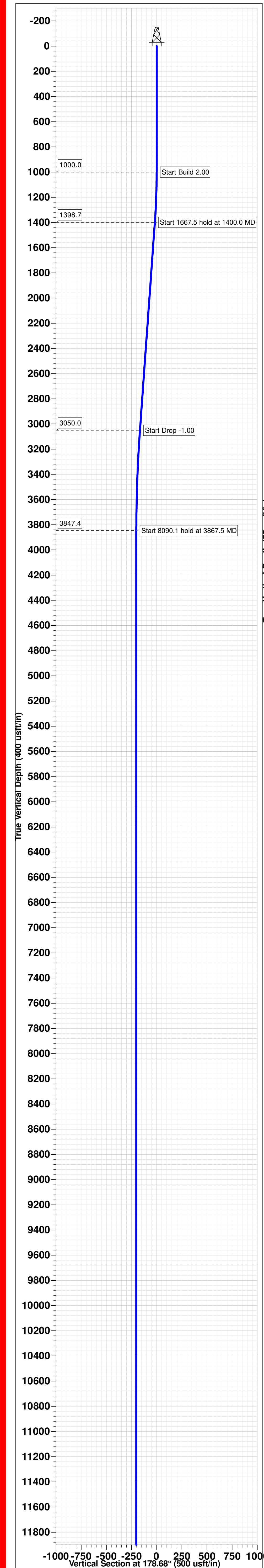
DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
FTP (MEAT LOVER FED COM #603H)	12415.0	170.7	238.7	477846.00	724706.30	32° 18' 41.829 N	103° 36' 21.599 W
LTP (MEAT LOVER FED COM #603H)	12415.0	-15468.1	356.8	462207.20	724824.40	32° 16' 7.068 N	103° 36' 21.459 W
PBHL (MEAT LOVER FED COM #603H)	12415.0	-15518.1	357.2	462157.20	724824.80	32° 16' 6.573 N	103° 36' 21.458 W



MEAT LOVER FED COM #603H

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	
1000.0	0.00	0.00	1000.0	0.0	0.0	0.00	0.00	0.0	
1400.0	8.00	49.00	1398.7	18.3	21.0	2.00	49.00	-17.8	
3067.5	8.00	49.00	3050.0	170.5	196.2	0.00	0.00	-166.0	
3867.5	0.00	0.00	3847.4	207.1	238.3	1.00	180.00	-201.6	
11957.6	0.00	0.00	11937.5	207.1	238.3	0.00	0.00	-201.6	
12707.6	90.00	179.57	12415.0	-270.3	241.9	12.00	179.57	275.8	
27900.8	90.00	179.57	12415.0	-15463.1	356.8	0.00	0.00	15467.2	



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) 746-1283 Fax: (575) 746-9720

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

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

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

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

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-50280	Pool Code 98177	Pool Name WC-025 G-09 S223332A; UPR WOLFCAMP
Property Code 332964	Property Name MEAT LOVER FEDERAL COM	Well Number 603H
OGRID No. 229137	Operator Name COG OPERATING LLC	Elevation 3716.4'

Surface Location

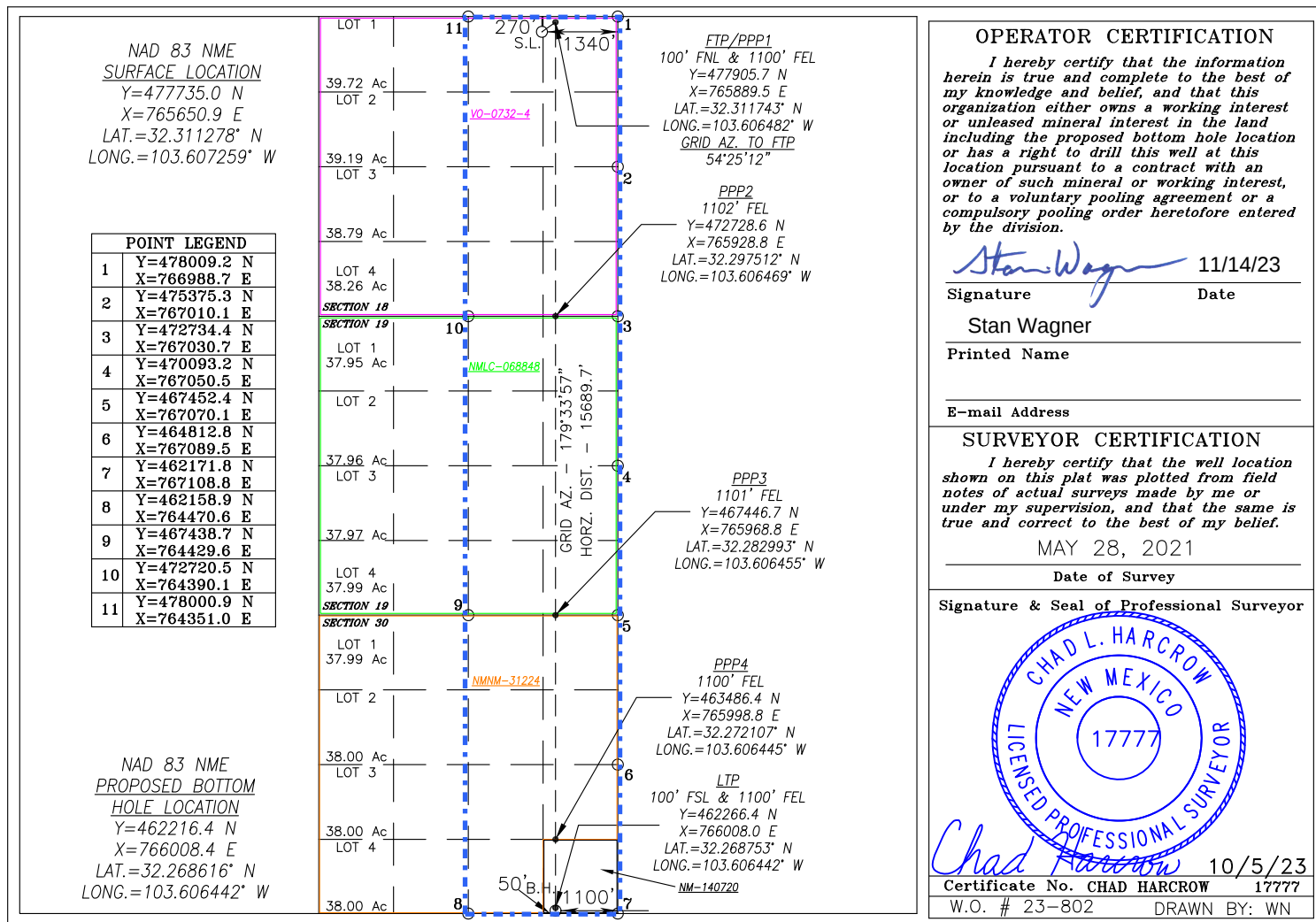
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	18	23-S	33-E		270	NORTH	1340	EAST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	30	23-S	33-E		50	SOUTH	1100	EAST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
960		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



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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 289112

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 289112
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
pkautz	None	1/17/2024