

Well Name: TATER SALAD FEDERAL COM	Well Location: T26S / R28E / SEC 24 / NENE / 32.034752 / -104.034782	County or Parish/State: EDDY / NM
Well Number: 701H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM12559	Unit or CA Name:	Unit or CA Number:
US Well Number: 300154774500X1	Well Status: Approved Application for Permit to Drill	Operator: COG OPERATING LLC

Notice of Intent

Sundry ID: 2718281

Type of Submission: Notice of Intent	Type of Action: APD Change
Date Sundry Submitted: 02/28/2023	Time Sundry Submitted: 02:31
Date proposed operation will begin: 02/28/2023	

Procedure Description: COG Operating LLC respectfully requests approval for the following changes to the original approved APD. BHL CHANCE. From: 200' FNL & 430' FEL Section 12. T26S. R28E. UL: A To: 200' FNL & 990' FEL Section 12. T26S. R28E. UL: A New BHL depth for Tater Salad Fed Com 701H is 19,926.1' MD. C102, Directional plan, AC report attached.

NOI Attachments

Procedure Description

- TATER_SALAD_FED_COM_701H_Updated_C102_20230228143002.pdf
- TATER_SALAD_FEDERAL_COM_701H_PWP2_AC_RPT_20230228143003.pdf
- TATER_SALAD_FEDERAL_COM_701H_Directional_Plan_20230228143003.pdf

Well Name: TATER SALAD FEDERAL COM	Well Location: T26S / R28E / SEC 24 / NENE / 32.034752 / -104.034782	County or Parish/State: EDDY / NM
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Lease Number: NMNM12559	Unit or CA Name:	Unit or CA Number:
US Well Number: 300154774500X1	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: MAYTE REYES	Signed on: FEB 28, 2023 02:30 PM
Name: COG OPERATING LLC	
Title: Regulatory Analyst	
Street Address: 925 N ELDRIDGE PARKWAY	
City: HOUSTON	State: TX
Phone: (281) 293-1000	
Email address: MAYTE.X.REYES@CONOCOPHILLIPS.COM	

Field

Representative Name: Gerald Herrera		
Street Address: 2208 West Main Street		
City: Artesia	State: NM	Zip: 88210
Phone: (575)748-6940		
Email address: gerald.a.herrera@conocophillips.com		

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: 04/28/2023
Signature: ZOTA STEVENS	

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 30-015-47745	Pool Code 98220	Pool Name Purple Sage; Wolfcamp, Gas
Property Code 329866	Property Name TATER SALAD FEDERAL COM	Well Number 701H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 2913.7'

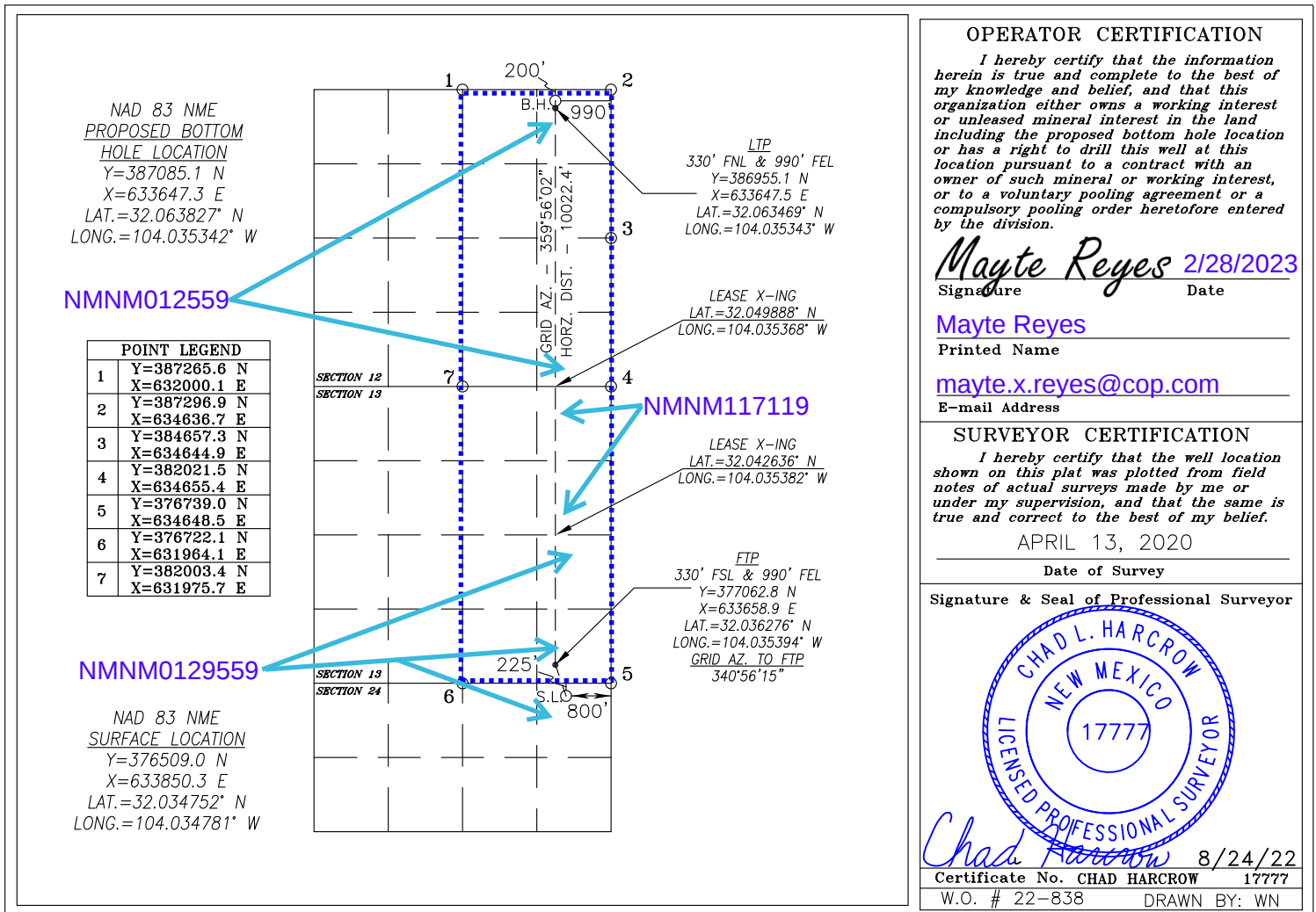
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	24	26-S	28-E		225	NORTH	800	EAST	EDDY

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
A	12	26-S	28-E		200	NORTH	990	EAST	EDDY
Dedicated Acres 640	Joint or Infill	Consolidation Code	Order No.						

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



DELAWARE BASIN WEST

ATLAS PROSPECT (NM-E)

TATER SALAD & MOMBA FEDERAL (ATLAS 2628)

TATER SALAD FEDERAL COM #701H

300154774500

OWB

PWP2

Anticollision Report

05 February, 2023

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well TATER SALAD FEDERAL COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	RKB=25ft @ 2939.0usft
Reference Site:	TATER SALAD & MOMBA FEDERAL (ATLAS 2628)	MD Reference:	RKB=25ft @ 2939.0usft
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	TATER SALAD FEDERAL COM #701H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 17 Central Planning Prod
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

Reference	PWP2		
Filter type:	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
Interpolation Method:	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	2/5/2023		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
0.0	1,500.0	PWP2 (OWB)	r.5 SDI_KPR_WL_NS-CT	SDI Keeper Wireline Gyrocomp.-Initilzd Cont. rev.5	
1,500.0	9,304.3	PWP2 (OWB)	r.5 MWD+IFR1	OWSG MWD + IFR1 rev.5	
9,304.3	19,926.1	PWP2 (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						
TATER SALAD & MOMBA FEDERAL (ATLAS 2628)						
MOMBA 24 FEDERAL COM #1H - OWB - AWP	0.0	0.0	474.2			
MOMBA 24 FEDERAL COM #1H - OWB - AWP	6,600.0	6,565.0	763.2	739.2	31.837	SF
MOMBA 24 FEDERAL COM #3H - OWB - AWP						Out of range
MOMBA FEDERAL COM #701H - OWB - AWP	6,400.0	6,415.8	235.7	213.4	10.571	SF
MOMBA FEDERAL COM #701H - OWB - AWP	6,686.6	6,700.2	232.3	210.5	10.617	CC, ES
MOMBA FEDERAL COM #702H - OWB - AWP	9,550.0	9,688.1	247.5	222.0	9.704	SF
MOMBA FEDERAL COM #702H - OWB - AWP	9,588.5	9,691.3	244.3	219.4	9.783	CC, ES
MOMBA FEDERAL COM #703H - OWB - AWP	4,663.6	4,632.3	663.8	642.5	31.084	CC, ES
MOMBA FEDERAL COM #703H - OWB - AWP	9,200.0	9,164.0	832.6	805.2	30.378	SF
MOMBA FEDERAL COM #901H - OWB - PWP1	10,090.2	9,776.1	123.8	96.4	4.528	CC, ES
MOMBA FEDERAL COM #901H - OWB - PWP1	10,100.0	9,776.2	124.2	96.5	4.495	SF
MOMBA FEDERAL COM #902H - OWB - PWP2	10,251.4	9,788.1	283.1	256.9	10.795	CC, ES, SF
MOMBA FEDERAL COM #903H - OWB - PWP2	5,500.0	5,477.3	759.9	736.0	31.779	CC, ES
MOMBA FEDERAL COM #903H - OWB - PWP2	5,700.0	5,643.4	763.9	739.7	31.572	SF
TATER SALAD FEDERAL COM #702H - OWB - PWP2	1,500.0	1,500.0	30.0	20.1	3.040	CC, ES, SF
TATER SALAD FEDERAL COM #703H - OWB - PWP2	1,500.0	1,500.0	60.0	50.1	6.080	CC, ES
TATER SALAD FEDERAL COM #703H - OWB - PWP2	1,700.0	1,695.8	62.4	52.1	6.071	SF
TATER SALAD FEDERAL COM #704H - OWB - PWP2	1,500.0	1,500.0	30.1	20.2	3.050	CC, ES, SF
TATER SALAD FEDERAL COM #901H - OWB - PWP2	3,532.8	3,532.2	151.5	135.3	9.344	CC
TATER SALAD FEDERAL COM #901H - OWB - PWP2	3,600.0	3,598.4	151.9	135.2	9.112	ES
TATER SALAD FEDERAL COM #901H - OWB - PWP2	9,304.3	9,298.2	249.7	217.5	7.744	SF
TATER SALAD FEDERAL COM #902H - OWB - PWP2	3,081.5	3,069.2	226.7	213.1	16.656	CC
TATER SALAD FEDERAL COM #902H - OWB - PWP2	3,100.0	3,086.7	226.7	213.1	16.597	ES
TATER SALAD FEDERAL COM #902H - OWB - PWP2	19,926.1	20,860.9	783.3	617.2	4.714	SF
TATER SALAD FEDERAL COM #903H - OWB - PWP2	2,646.1	2,629.3	268.7	256.3	21.541	CC, ES
TATER SALAD FEDERAL COM #903H - OWB - PWP2	9,304.3	9,336.4	793.5	753.9	20.016	SF
TATER SALAD FEDERAL COM #904H - OWB - PWP2	2,893.6	2,904.1	89.1	74.2	5.997	CC
TATER SALAD FEDERAL COM #904H - OWB - PWP2	2,900.0	2,910.2	89.1	74.2	5.975	ES
TATER SALAD FEDERAL COM #904H - OWB - PWP2	3,000.0	3,005.8	94.4	78.6	5.957	SF
TATER SALAD FEDERAL COM #905H - OWB - PWP2	1,500.0	1,499.0	350.0	340.1	35.470	CC, ES
TATER SALAD FEDERAL COM #905H - OWB - PWP2	2,200.0	2,117.9	391.2	378.7	31.475	SF

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well TATER SALAD FEDERAL COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	RKB=25ft @ 2939.0usft
Reference Site:	TATER SALAD & MOMBA FEDERAL (ATLAS 2628)	MD Reference:	RKB=25ft @ 2939.0usft
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	TATER SALAD FEDERAL COM #701H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 17 Central Planning Prod
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

TD Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
TATER SALAD & MOMBA FEDERAL (ATLAS 2628)						
MOMBA 24 FEDERAL COM #1H - OWB - AWP	19,926.1	6,673.8				Out of Range @TD
MOMBA 24 FEDERAL COM #3H - OWB - AWP	19,926.1	7,740.0				Out of Range @TD
MOMBA FEDERAL COM #701H - OWB - AWP	19,926.1	9,266.0				Out of Range @TD
MOMBA FEDERAL COM #702H - OWB - AWP	19,926.1	9,131.0				Out of Range @TD
MOMBA FEDERAL COM #703H - OWB - AWP	19,926.1	9,211.0				Out of Range @TD
MOMBA FEDERAL COM #901H - OWB - PWP1	19,926.1	9,856.5				Out of Range @TD
MOMBA FEDERAL COM #902H - OWB - PWP2	19,926.1	10,200.0				Out of Range @TD
MOMBA FEDERAL COM #903H - OWB - PWP2	19,926.1	10,000.5				Out of Range @TD
TATER SALAD FEDERAL COM #702H - OWB - PWP2	19,926.1	19,784.5	691.1	526.9	4.208	
TATER SALAD FEDERAL COM #703H - OWB - PWP2	19,926.1	20,036.1				Out of Range @TD
TATER SALAD FEDERAL COM #704H - OWB - PWP2	19,926.1	19,780.7	684.1	521.6	4.210	
TATER SALAD FEDERAL COM #901H - OWB - PWP2	19,926.1	21,088.3				Out of Range @TD
TATER SALAD FEDERAL COM #902H - OWB - PWP2	19,926.1	20,860.9	783.3	617.2	4.714	SF
TATER SALAD FEDERAL COM #903H - OWB - PWP2	19,926.1	21,035.8				Out of Range @TD
TATER SALAD FEDERAL COM #904H - OWB - PWP2	19,926.1	20,986.3				Out of Range @TD
TATER SALAD FEDERAL COM #905H - OWB - PWP2	19,926.1	21,003.0				Out of Range @TD

Offset Design: TATER SALAD & MOMBA FEDERAL (ATLAS 2628) - MOMBA 24 FEDERAL COM #1H - OWB - AWP														Offset Site Error:	3.0 usft
Survey Program: 100-Standard Keeper 104, 6533-MWD														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)					
0.0	0.0	0.0	0.0	3.0	3.0	-156.84	-435.9	-186.5	474.2						
100.0	100.0	86.8	86.8	3.1	3.0	-156.84	-436.4	-186.7	474.7	467.7	7.04	67.462			
200.0	200.0	185.8	185.8	3.2	3.0	-156.85	-437.8	-187.2	476.2	469.0	7.17	66.446			
300.0	300.0	285.1	285.0	3.3	3.0	-156.85	-439.3	-187.8	477.8	470.5	7.30	65.426			
400.0	400.0	384.8	384.7	3.4	3.0	-156.95	-441.1	-187.7	479.5	472.1	7.44	64.423			
500.0	500.0	483.0	482.9	3.6	3.0	-157.19	-443.6	-186.6	481.4	473.8	7.58	63.470			
600.0	600.0	582.2	582.0	3.7	3.1	-157.57	-446.9	-184.5	483.6	475.9	7.73	62.575			
700.0	700.0	685.4	685.2	3.8	3.1	-157.97	-450.1	-182.1	485.6	477.7	7.87	61.664			
800.0	800.0	783.3	783.0	3.9	3.1	-158.36	-452.9	-179.7	487.3	479.3	8.02	60.752			
900.0	900.0	880.5	880.1	4.0	3.2	-158.73	-456.2	-177.6	489.7	481.5	8.17	59.920			
1,000.0	1,000.0	981.3	980.8	4.2	3.2	-159.08	-459.7	-175.7	492.3	484.0	8.33	59.111			
1,100.0	1,100.0	1,083.0	1,082.4	4.3	3.3	-159.38	-462.8	-174.2	494.6	486.1	8.49	58.269			
1,200.0	1,200.0	1,183.3	1,182.7	4.4	3.3	-159.64	-465.6	-172.7	496.7	488.0	8.65	57.422			
1,300.0	1,300.0	1,285.3	1,284.7	4.5	3.4	-159.88	-468.1	-171.5	498.6	489.8	8.82	56.562			

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well TATER SALAD FEDERAL COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	RKB=25ft @ 2939.0usft
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Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 17 Central Planning Prod
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

Offset Design: TATER SALAD & MOMBA FEDERAL (ATLAS 2628) - MOMBA 24 FEDERAL COM #1H - OWB - AWP													Offset Site Error:	3.0 usft
Survey Program: 100-Standard Keeper 104, 6533-MWD													Offset Well Error:	3.0 usft
Reference	Offset	Semi Major Axis	Offset	Highside	Offset Wellbore Centre	Distance	Between	Between	Minimum	Separation	Warning			
Measured	Vertical	Measured	Vertical	Reference	Offset	Toolface	+N/-S	+E/-W	Centres	Ellipses	Separation	Factor		
Depth	Depth	Depth	Depth	(usft)	(usft)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)			
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)			
1,400.0	1,400.0	1,385.9	1,385.2	4.6	3.4	-160.06	-470.1	-170.5	500.2	491.2	8.98	55.688		
1,500.0	1,500.0	1,490.4	1,489.8	4.8	3.5	-160.25	-471.8	-169.4	501.3	492.2	9.15	54.805		
1,600.0	1,600.0	1,590.4	1,589.8	4.9	3.6	-120.56	-472.9	-168.2	502.8	493.8	8.99	55.956		
1,700.0	1,699.8	1,689.7	1,689.0	5.2	3.6	-121.14	-473.9	-167.4	506.2	497.0	9.24	54.813		
1,800.0	1,799.5	1,787.6	1,786.9	5.4	3.7	-121.98	-475.1	-166.7	511.7	502.2	9.50	53.847		
1,900.0	1,898.9	1,885.9	1,885.2	5.6	3.8	-123.02	-476.4	-166.4	518.5	508.8	9.76	53.136		
2,000.0	1,998.4	1,989.7	1,989.0	5.9	3.8	-124.19	-477.8	-165.1	525.3	515.3	10.02	52.420		
2,100.0	2,097.8	2,091.7	2,090.9	6.1	3.9	-125.54	-478.9	-161.6	531.5	521.2	10.28	51.683		
2,200.0	2,197.3	2,187.2	2,186.3	6.4	4.0	-126.89	-480.3	-157.3	538.0	527.4	10.56	50.953		
2,300.0	2,296.7	2,286.3	2,285.2	6.6	4.0	-128.32	-482.2	-152.2	545.2	534.4	10.85	50.229		
2,400.0	2,396.2	2,385.3	2,384.0	6.9	4.1	-129.88	-484.3	-145.6	552.7	541.5	11.17	49.477		
2,500.0	2,495.6	2,486.9	2,485.4	7.2	4.2	-131.48	-486.3	-138.3	560.3	548.8	11.51	48.694		
2,600.0	2,595.1	2,586.8	2,585.0	7.5	4.3	-132.90	-487.7	-132.3	567.9	556.1	11.85	47.906		
2,700.0	2,694.5	2,687.8	2,685.9	7.9	4.3	-134.15	-488.6	-127.6	575.6	563.3	12.21	47.125		
2,800.0	2,794.0	2,787.1	2,785.2	8.2	4.4	-135.23	-489.2	-124.0	583.2	570.6	12.58	46.358		
2,900.0	2,893.4	2,887.9	2,885.9	8.5	4.5	-136.27	-489.7	-120.7	590.9	578.0	12.96	45.593		
3,000.0	2,992.9	2,987.6	2,985.6	8.9	4.6	-137.23	-489.9	-118.0	598.6	585.3	13.35	44.838		
3,100.0	3,092.3	3,086.9	3,084.8	9.2	4.7	-138.13	-490.1	-115.5	606.4	592.7	13.75	44.101		
3,200.0	3,191.8	3,187.9	3,185.9	9.6	4.7	-138.99	-490.1	-113.4	614.3	600.1	14.16	43.374		
3,300.0	3,291.2	3,286.8	3,284.7	9.9	4.8	-139.78	-489.9	-111.6	622.1	607.5	14.58	42.671		
3,400.0	3,390.7	3,385.4	3,383.2	10.3	4.9	-140.53	-489.9	-110.0	630.1	615.1	15.01	41.993		
3,500.0	3,490.1	3,484.5	3,482.4	10.6	5.0	-141.25	-490.0	-108.6	638.3	622.9	15.44	41.332		
3,600.0	3,589.6	3,583.9	3,581.7	11.0	5.1	-141.92	-490.1	-107.6	646.7	630.8	15.89	40.692		
3,700.0	3,689.0	3,682.5	3,680.3	11.4	5.2	-142.53	-490.3	-107.0	655.1	638.8	16.35	40.074		
3,800.0	3,788.5	3,780.8	3,778.7	11.7	5.3	-143.13	-490.6	-106.3	663.8	647.0	16.82	39.472		
3,900.0	3,887.9	3,881.1	3,878.9	12.1	5.4	-143.71	-490.9	-105.8	672.6	655.3	17.30	38.880		
4,000.0	3,987.4	3,980.4	3,978.3	12.5	5.5	-144.26	-491.2	-105.4	681.4	663.6	17.79	38.305		
4,100.0	4,086.9	4,077.5	4,075.4	12.9	5.6	-144.77	-491.6	-105.2	690.4	672.1	18.28	37.759		
4,185.6	4,172.0	4,161.5	4,159.3	13.2	5.7	-145.19	-492.2	-105.1	698.4	679.6	18.70	37.341		
4,200.0	4,186.3	4,175.7	4,173.5	13.2	5.7	-145.27	-492.3	-105.1	699.7	680.9	18.77	37.285		
4,300.0	4,285.9	4,274.9	4,272.7	13.6	5.8	-145.74	-493.2	-105.0	708.2	689.0	19.29	36.712		
4,400.0	4,385.6	4,373.6	4,371.5	14.0	5.9	-146.12	-494.1	-104.9	715.5	695.7	19.77	36.194		
4,500.0	4,485.4	4,473.5	4,471.3	14.3	5.9	-146.40	-495.1	-105.0	721.3	701.1	20.22	35.676		
4,600.0	4,585.3	4,574.0	4,571.8	14.6	6.0	-146.60	-496.0	-104.9	725.7	705.1	20.64	35.156		
4,700.0	4,685.3	4,673.7	4,671.5	14.9	6.1	-146.74	-496.9	-104.5	728.6	707.6	21.02	34.660		
4,785.6	4,770.9	4,757.7	4,755.5	15.0	6.2	173.18	-497.7	-103.9	730.0	708.8	21.22	34.402		
4,800.0	4,785.3	4,771.7	4,769.6	15.0	6.3	173.18	-497.8	-103.8	730.2	708.9	21.23	34.391		
4,900.0	4,885.3	4,868.2	4,866.0	15.1	6.4	173.15	-499.2	-103.3	731.6	710.2	21.39	34.195		
5,000.0	4,985.3	4,966.9	4,964.7	15.2	6.5	173.11	-500.9	-102.6	733.4	711.9	21.54	34.047		
5,100.0	5,085.3	5,067.5	5,065.3	15.2	6.6	173.09	-502.7	-102.1	735.2	713.5	21.69	33.894		
5,200.0	5,185.3	5,168.9	5,166.6	15.3	6.7	173.09	-504.4	-101.9	736.9	715.1	21.84	33.736		
5,300.0	5,285.3	5,268.7	5,266.5	15.3	6.8	173.07	-505.9	-101.5	738.5	716.5	21.99	33.576		
5,400.0	5,385.3	5,367.2	5,364.9	15.4	6.9	173.05	-507.5	-101.0	740.1	718.0	22.14	33.426		
5,500.0	5,485.3	5,466.7	5,464.4	15.5	7.0	173.03	-509.3	-100.6	742.0	719.7	22.29	33.282		
5,600.0	5,585.3	5,564.5	5,562.2	15.5	7.1	173.01	-511.2	-100.1	744.0	721.5	22.44	33.148		
5,700.0	5,685.3	5,664.1	5,661.8	15.6	7.2	173.01	-513.4	-99.8	746.2	723.6	22.60	33.024		
5,800.0	5,785.3	5,764.3	5,761.9	15.7	7.3	173.02	-515.6	-99.6	748.4	725.6	22.75	32.896		
5,900.0	5,885.3	5,864.8	5,862.4	15.7	7.4	173.03	-517.8	-99.4	750.6	727.7	22.91	32.766		
6,000.0	5,985.3	5,966.2	5,963.8	15.8	7.5	173.02	-519.8	-99.1	752.6	729.5	23.07	32.625		
6,100.0	6,085.3	6,065.1	6,062.7	15.8	7.6	173.02	-521.7	-98.9	754.5	731.3	23.22	32.490		
6,200.0	6,185.3	6,163.7	6,161.3	15.9	7.8	173.02	-523.8	-98.6	756.7	733.3	23.38	32.368		

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

ConocoPhillips
Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well TATER SALAD FEDERAL COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	RKB=25ft @ 2939.0usft
Reference Site:	TATER SALAD & MOMBA FEDERAL (ATLAS 2628)	MD Reference:	RKB=25ft @ 2939.0usft
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	TATER SALAD FEDERAL COM #701H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 17 Central Planning Prod
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

Offset Design:	TATER SALAD & MOMBA FEDERAL (ATLAS 2628) - MOMBA 24 FEDERAL COM #1H - OWB - AWP											Offset Site Error:	3.0 usft
Survey Program:	100-Standard Keeper 104, 6533-MWD											Offset Well Error:	3.0 usft
Reference	Offset	Semi Major Axis		Offset Wellbore Centre		Rule Assigned:		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	
6,300.0	6,285.3	6,265.4	6,262.9	16.0	7.9	173.01	-526.0	-98.2	758.9	735.4	23.54	32.235	
6,400.0	6,385.3	6,365.2	6,362.7	16.0	8.0	173.01	-527.9	-97.9	760.9	737.2	23.70	32.099	
6,500.0	6,485.3	6,470.9	6,468.4	16.1	8.1	173.03	-529.9	-98.0	762.7	738.8	23.87	31.953	
6,600.0	6,585.3	6,565.0	6,562.5	16.2	8.1	173.13	-530.4	-99.2	763.2	739.2	23.97	31.837 SF	
6,700.0	6,685.3	6,596.0	6,593.4	16.2	8.1	173.19	-531.7	-100.0	768.9	744.9	23.93	32.129	
6,800.0	6,785.3	6,638.0	6,635.0	16.3	8.2	173.35	-537.4	-101.5	782.9	758.9	23.95	32.688	
6,900.0	6,885.3	6,671.9	6,667.9	16.3	8.2	173.56	-545.2	-103.4	805.1	781.2	23.97	33.594	
7,000.0	6,985.3	6,705.0	6,699.3	16.4	8.3	173.85	-555.3	-106.3	834.9	811.0	23.96	34.840	
7,100.0	7,085.3	6,737.3	6,729.0	16.5	8.4	174.17	-567.5	-109.4	871.8	847.8	23.96	36.382	
7,200.0	7,185.3	6,767.5	6,756.0	16.5	8.5	174.49	-580.7	-112.6	914.9	890.9	23.97	38.176	
7,300.0	7,285.3	6,795.8	6,780.4	16.6	8.5	174.75	-594.8	-115.1	963.9	939.9	23.99	40.177	

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well TATER SALAD FEDERAL COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	RKB=25ft @ 2939.0usft
Reference Site:	TATER SALAD & MOMBA FEDERAL (ATLAS 2628)	MD Reference:	RKB=25ft @ 2939.0usft
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	TATER SALAD FEDERAL COM #701H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 17 Central Planning Prod
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

Offset Design: TATER SALAD & MOMBA FEDERAL (ATLAS 2628) - MOMBA FEDERAL COM #701H - OWB - AWP												Offset Site Error:	3.0 usft
Survey Program: 100-Standard Keeper 104, 9101-MWD+IFR1+FDIR												Offset Well Error:	3.0 usft
Reference	Offset	Semi Major Axis		Rule Assigned:		Distance		Minimum		Separation		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)	Separation (usft)		
0.0	0.0	0.0	0.0	3.0	3.0	-51.97	540.7	-691.4	877.7				
100.0	100.0	94.4	94.4	3.1	3.0	-52.02	540.2	-691.9	877.7	870.7	7.04	124.741	
200.0	200.0	192.0	192.0	3.2	3.0	-52.14	538.9	-693.3	878.1	871.0	7.16	122.618	
300.0	300.0	298.9	298.9	3.3	3.0	-52.27	537.3	-694.5	878.1	870.8	7.29	120.494	
400.0	400.0	402.9	402.8	3.4	3.0	-52.37	535.5	-694.7	877.2	869.8	7.41	118.318	
500.0	500.0	500.0	499.9	3.6	3.1	-52.48	533.8	-695.2	876.5	869.0	7.54	116.237	
525.4	525.4	520.5	520.4	3.6	3.1	-52.51	533.5	-695.4	876.4	868.8	7.57	115.752	
600.0	600.0	592.1	592.0	3.7	3.1	-52.61	532.3	-696.5	876.6	869.0	7.67	114.345	
700.0	700.0	685.9	685.8	3.8	3.1	-52.72	531.5	-698.2	877.5	869.8	7.79	112.620	
800.0	800.0	779.5	779.3	3.9	3.1	-52.86	530.6	-700.4	878.8	870.9	7.92	110.990	
900.0	900.0	872.5	872.3	4.0	3.2	-53.04	529.5	-703.5	880.8	872.8	8.04	109.494	
1,000.0	1,000.0	1,011.1	1,010.8	4.2	3.2	-53.34	526.4	-707.2	881.8	873.6	8.18	107.825	
1,100.0	1,100.0	1,107.9	1,107.5	4.3	3.3	-53.51	523.3	-707.4	880.1	871.7	8.30	105.980	
1,200.0	1,200.0	1,208.7	1,208.3	4.4	3.3	-53.70	519.9	-707.9	878.4	870.0	8.43	104.185	
1,286.1	1,286.1	1,281.5	1,281.1	4.5	3.3	-53.78	518.6	-707.9	877.6	869.0	8.54	102.766	
1,300.0	1,300.0	1,294.3	1,293.9	4.5	3.3	-53.77	518.6	-707.9	877.6	869.0	8.56	102.553	
1,400.0	1,400.0	1,395.7	1,395.3	4.6	3.3	-53.76	518.8	-707.9	877.7	869.0	8.69	101.044	
1,500.0	1,500.0	1,496.9	1,496.4	4.8	3.4	-53.79	518.5	-708.1	877.6	868.8	8.81	99.563	
1,600.0	1,600.0	1,614.0	1,613.5	4.9	3.4	-13.68	519.4	-705.4	874.5	865.8	8.72	100.260	
1,700.0	1,699.8	1,711.7	1,711.1	5.2	3.4	-13.59	520.7	-702.1	867.5	858.4	9.06	95.793	
1,800.0	1,799.5	1,809.1	1,808.5	5.4	3.4	-13.59	521.9	-699.2	857.3	847.9	9.41	91.116	
1,900.0	1,898.9	1,905.0	1,904.4	5.6	3.4	-13.62	522.7	-696.9	845.8	836.1	9.68	87.352	
2,000.0	1,998.4	2,027.6	2,026.9	5.9	3.4	-13.66	523.1	-693.2	833.4	823.5	9.98	83.489	
2,100.0	2,097.8	2,173.3	2,171.9	6.1	3.4	-13.34	522.6	-679.2	815.0	804.7	10.29	79.162	
2,200.0	2,197.3	2,288.1	2,285.7	6.4	3.5	-12.92	522.2	-664.4	794.4	783.7	10.63	74.718	
2,300.0	2,296.7	2,408.9	2,405.0	6.6	3.5	-12.36	520.4	-645.4	770.9	759.9	10.98	70.224	
2,400.0	2,396.2	2,488.9	2,483.9	6.9	3.6	-11.99	518.7	-632.6	746.9	735.5	11.38	65.631	
2,500.0	2,495.6	2,569.8	2,564.2	7.2	3.6	-11.77	516.6	-622.7	725.6	713.8	11.80	61.492	
2,600.0	2,595.1	2,655.5	2,649.4	7.5	3.7	-11.52	515.5	-613.5	706.2	693.9	12.23	57.738	
2,700.0	2,694.5	2,753.7	2,747.1	7.9	3.7	-11.20	514.9	-603.5	687.7	675.0	12.66	54.303	
2,800.0	2,794.0	2,860.3	2,853.1	8.2	3.8	-10.82	514.3	-592.2	668.9	655.8	13.10	51.069	
2,900.0	2,893.4	2,957.3	2,949.3	8.5	3.8	-10.28	514.4	-580.0	649.1	635.6	13.56	47.874	
3,000.0	2,992.9	3,058.5	3,049.7	8.9	3.9	-9.67	514.6	-566.9	629.1	615.1	14.02	44.858	
3,100.0	3,092.3	3,154.7	3,145.1	9.2	4.0	-9.07	514.6	-554.7	609.3	594.8	14.51	41.995	
3,200.0	3,191.8	3,262.5	3,252.0	9.6	4.1	-8.44	513.5	-541.1	588.9	573.9	14.98	39.326	
3,300.0	3,291.2	3,361.8	3,350.5	9.9	4.1	-7.88	511.2	-528.1	567.3	551.8	15.47	36.681	
3,400.0	3,390.7	3,457.5	3,445.3	10.3	4.2	-7.30	509.0	-515.6	545.9	529.9	15.98	34.173	
3,500.0	3,490.1	3,550.0	3,537.1	10.6	4.3	-6.75	506.9	-504.3	525.2	508.7	16.50	31.826	
3,600.0	3,589.6	3,647.7	3,634.1	11.0	4.4	-6.15	505.0	-492.9	505.1	488.1	17.02	29.681	
3,700.0	3,689.0	3,744.8	3,730.5	11.4	4.4	-5.50	503.1	-481.7	485.1	467.6	17.54	27.653	
3,800.0	3,788.5	3,839.2	3,824.2	11.7	4.5	-4.78	501.9	-470.8	465.7	447.6	18.09	25.747	
3,900.0	3,887.9	3,936.8	3,921.2	12.1	4.6	-3.87	501.3	-459.3	446.6	428.0	18.62	23.985	
4,000.0	3,987.4	4,037.3	4,021.0	12.5	4.7	-2.86	500.4	-447.2	427.4	408.3	19.15	22.324	
4,100.0	4,086.9	4,133.5	4,116.5	12.9	4.8	-1.86	499.4	-436.1	408.4	388.7	19.70	20.737	
4,185.6	4,172.0	4,216.1	4,198.6	13.2	4.9	-1.00	498.3	-426.9	392.4	372.2	20.15	19.469	
4,200.0	4,186.3	4,229.4	4,211.8	13.2	4.9	-0.85	498.1	-425.4	389.8	369.5	20.23	19.269	
4,300.0	4,285.9	4,326.0	4,307.9	13.6	5.0	0.15	497.0	-415.8	373.1	352.3	20.79	17.947	
4,400.0	4,385.6	4,423.1	4,404.6	14.0	5.1	1.14	495.8	-406.8	358.7	337.4	21.31	16.835	
4,500.0	4,485.4	4,520.9	4,501.9	14.3	5.2	2.18	494.7	-398.0	346.4	324.6	21.80	15.892	
4,600.0	4,585.3	4,621.3	4,602.0	14.6	5.3	3.31	493.5	-388.9	335.8	313.6	22.24	15.103	
4,700.0	4,685.3	4,719.7	4,700.0	14.9	5.4	4.42	492.3	-380.2	327.3	304.7	22.64	14.456	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well TATER SALAD FEDERAL COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	RKB=25ft @ 2939.0usft
Reference Site:	TATER SALAD & MOMBA FEDERAL (ATLAS 2628)	MD Reference:	RKB=25ft @ 2939.0usft
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	TATER SALAD FEDERAL COM #701H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 17 Central Planning Prod
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

Offset Design: TATER SALAD & MOMBA FEDERAL (ATLAS 2628) - MOMBA FEDERAL COM #701H - OWB - AWP													Offset Site Error:	3.0 usft
Survey Program: 100-Standard Keeper 104, 9101-MWD+IFR1+FDIR													Offset Well Error:	3.0 usft
Reference	Offset	Semi Major Axis		Rule Assigned:		Distance		Minimum		Separation		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)	Separation (usft)	Factor		
4,785.6	4,770.9	4,804.1	4,784.0	15.0	5.4	-34.58	491.5	-372.8	321.7	298.8	22.84	14.087		
4,800.0	4,785.3	4,819.0	4,798.9	15.0	5.5	-34.41	491.4	-371.6	320.8	298.0	22.84	14.049		
4,900.0	4,885.3	4,924.5	4,903.8	15.1	5.6	-32.93	489.8	-360.7	313.8	290.9	22.91	13.698		
5,000.0	4,985.3	5,024.0	5,002.7	15.2	5.7	-31.44	488.0	-350.1	306.6	283.6	23.00	13.334		
5,100.0	5,085.3	5,122.8	5,101.0	15.2	5.8	-29.98	485.9	-339.9	299.5	276.5	23.08	12.978		
5,200.0	5,185.3	5,222.1	5,199.7	15.3	5.9	-28.55	483.8	-330.2	292.9	269.7	23.16	12.647		
5,300.0	5,285.3	5,319.5	5,296.8	15.3	6.0	-27.18	481.8	-321.4	286.9	263.6	23.24	12.343		
5,400.0	5,385.3	5,418.2	5,394.6	15.4	6.1	-24.85	482.1	-308.7	281.4	258.2	23.26	12.100		
5,500.0	5,485.3	5,516.6	5,492.2	15.5	6.2	-22.39	482.6	-295.8	276.6	253.4	23.26	11.894		
5,600.0	5,585.3	5,623.8	5,598.5	15.5	6.3	-19.65	482.7	-281.8	272.0	248.8	23.16	11.746		
5,700.0	5,685.3	5,723.4	5,696.9	15.6	6.4	-16.74	480.6	-266.8	265.3	242.2	23.08	11.496		
5,800.0	5,785.3	5,823.4	5,795.9	15.7	6.5	-13.83	478.3	-252.4	259.2	236.2	22.97	11.281		
5,900.0	5,885.3	5,921.8	5,893.3	15.7	6.7	-11.01	475.6	-238.9	253.5	230.7	22.87	11.085		
6,000.0	5,985.3	6,021.3	5,991.9	15.8	6.8	-8.31	472.9	-226.5	248.7	225.9	22.75	10.930		
6,100.0	6,085.3	6,119.9	6,089.9	15.8	6.9	-5.85	470.0	-215.5	244.4	221.8	22.65	10.792		
6,200.0	6,185.3	6,219.3	6,188.7	15.9	7.0	-3.52	467.3	-205.3	240.8	218.2	22.54	10.682		
6,300.0	6,285.3	6,317.1	6,286.2	16.0	7.1	-1.45	464.8	-196.6	237.8	215.4	22.46	10.588		
6,400.0	6,385.3	6,415.8	6,384.1	16.0	7.2	1.31	462.7	-185.2	235.7	213.4	22.30	10.571 SF		
6,500.0	6,485.3	6,516.4	6,483.9	16.1	7.3	4.45	460.7	-172.4	234.3	212.3	22.09	10.611		
6,600.0	6,585.3	6,616.1	6,583.0	16.2	7.5	7.00	458.3	-162.2	232.9	211.0	21.94	10.618		
6,686.6	6,671.9	6,700.2	6,666.9	16.2	7.6	8.57	456.8	-155.9	232.3	210.5	21.88	10.617 CC, ES		
6,700.0	6,685.3	6,713.3	6,680.0	16.2	7.6	8.78	456.7	-155.1	232.3	210.5	21.88	10.619		
6,800.0	6,785.3	6,807.7	6,774.1	16.3	7.7	10.54	456.6	-147.9	233.5	211.6	21.84	10.693		
6,900.0	6,885.3	6,906.0	6,872.0	16.3	7.8	12.47	458.1	-139.5	236.7	215.0	21.76	10.878		
7,000.0	6,985.3	7,001.9	6,967.4	16.4	7.9	14.63	460.4	-129.7	241.5	219.8	21.68	11.139		
7,100.0	7,085.3	7,103.9	7,068.9	16.5	8.0	16.46	463.4	-120.7	246.7	225.1	21.62	11.410		
7,200.0	7,185.3	7,201.8	7,166.3	16.5	8.1	18.38	465.6	-111.3	251.7	230.2	21.58	11.668		
7,300.0	7,285.3	7,301.2	7,265.2	16.6	8.2	20.31	468.2	-101.3	257.5	236.0	21.54	11.957		
7,400.0	7,385.3	7,402.4	7,365.9	16.7	8.3	22.04	471.1	-91.8	263.7	242.2	21.52	12.251		
7,500.0	7,485.3	7,504.0	7,466.7	16.7	8.4	24.54	471.5	-79.0	269.0	247.5	21.46	12.535		
7,600.0	7,585.3	7,610.8	7,572.7	16.8	8.6	26.98	470.8	-66.5	273.5	252.1	21.41	12.775		
7,700.0	7,685.3	7,714.2	7,675.5	16.9	8.7	29.34	467.6	-55.4	276.0	254.6	21.40	12.897		
7,800.0	7,785.3	7,814.4	7,775.3	16.9	8.8	31.13	464.7	-47.0	277.7	256.2	21.44	12.952		
7,900.0	7,885.3	7,916.9	7,877.5	17.0	8.9	32.70	462.1	-39.7	279.3	257.8	21.50	12.987		
8,000.0	7,985.3	8,008.1	7,968.4	17.0	9.1	34.18	459.8	-32.5	281.6	260.0	21.59	13.041		
8,100.0	8,085.3	8,107.4	8,067.0	17.1	9.2	36.27	457.6	-21.4	286.2	264.5	21.67	13.208		
8,200.0	8,185.3	8,208.3	8,167.3	17.2	9.3	38.21	455.3	-10.9	290.7	268.9	21.76	13.356		
8,300.0	8,285.3	8,297.3	8,255.8	17.2	9.4	39.76	454.5	-1.3	296.8	274.9	21.91	13.547		
8,400.0	8,385.3	8,397.4	8,355.2	17.3	9.5	41.44	455.2	10.8	305.3	283.3	22.05	13.846		
8,500.0	8,485.3	8,493.7	8,450.7	17.4	9.6	43.01	455.7	22.8	314.1	291.9	22.22	14.136		
8,600.0	8,585.3	8,603.3	8,559.5	17.4	9.8	44.74	455.7	36.0	322.5	300.1	22.37	14.419		
8,700.0	8,685.3	8,705.4	8,661.0	17.5	9.9	46.19	454.1	46.1	328.5	306.0	22.54	14.573		
8,800.0	8,785.3	8,805.9	8,761.2	17.6	10.0	47.47	452.5	55.2	334.1	311.3	22.73	14.698		
8,900.0	8,885.3	8,902.2	8,856.7	17.6	10.2	49.16	449.4	66.6	340.7	317.8	22.93	14.857		
9,000.0	8,985.3	9,004.2	8,957.7	17.7	10.3	51.21	444.5	79.9	347.8	324.6	23.16	15.016		
9,100.0	9,085.3	9,110.8	9,063.6	17.8	10.4	52.94	439.9	91.3	353.5	330.1	23.36	15.130		
9,200.0	9,185.3	9,214.3	9,166.7	17.8	10.4	54.19	436.3	99.3	357.7	334.2	23.49	15.226		
9,300.0	9,285.3	9,334.8	9,286.1	17.9	10.5	56.45	425.5	108.6	359.1	335.4	23.71	15.144		
9,304.3	9,289.6	9,338.8	9,290.0	17.9	10.5	56.61	424.6	109.2	359.0	335.3	23.72	15.135		
9,325.0	9,310.3	9,357.8	9,308.2	17.9	10.5	57.66	419.9	112.0	358.5	335.0	23.54	15.229		
9,350.0	9,335.2	9,380.3	9,329.3	17.9	10.5	59.21	413.2	116.1	357.5	333.9	23.60	15.149		

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well TATER SALAD FEDERAL COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	RKB=25ft @ 2939.0usft
Reference Site:	TATER SALAD & MOMBA FEDERAL (ATLAS 2628)	MD Reference:	RKB=25ft @ 2939.0usft
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	TATER SALAD FEDERAL COM #701H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 17 Central Planning Prod
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

Offset Design: TATER SALAD & MOMBA FEDERAL (ATLAS 2628) - MOMBA FEDERAL COM #701H - OWB - AWP											Offset Site Error:	3.0 usft
Survey Program: 100-Standard Keeper 104, 9101-MWD+IFR1+FDIR											Offset Well Error:	3.0 usft
Reference	Offset	Semi Major Axis		Rule Assigned:		Distance		Minimum Separation		Separation	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)	Factor	
							+N/-S (usft)	+E/-W (usft)				
9,375.0	9,360.0	9,401.1	9,348.4	17.9	10.5	61.01	406.0	120.4	356.3	332.6	23.68	15.046
9,400.0	9,384.6	9,419.6	9,364.9	17.9	10.6	62.85	399.1	124.7	355.0	331.2	23.78	14.927
9,425.0	9,409.0	9,436.3	9,379.6	17.9	10.6	64.70	392.4	128.9	353.8	329.9	23.91	14.797
9,450.0	9,433.0	9,452.0	9,393.2	18.0	10.6	66.56	385.8	133.1	353.1	329.0	24.09	14.658
9,472.1	9,454.0	9,464.1	9,403.6	18.0	10.6	68.05	380.5	136.5	352.8	328.5	24.28	14.532
9,475.0	9,456.7	9,465.6	9,404.9	18.0	10.6	68.24	379.8	136.9	352.8	328.5	24.31	14.516
9,500.0	9,479.9	9,478.2	9,415.4	18.0	10.6	69.80	374.1	140.6	353.3	328.7	24.58	14.374
9,525.0	9,502.5	9,489.2	9,424.6	18.0	10.6	71.15	368.9	144.0	354.5	329.6	24.90	14.239
9,550.0	9,524.6	9,500.0	9,433.4	18.0	10.7	72.41	363.7	147.4	356.8	331.5	25.27	14.120
9,575.0	9,546.0	9,507.3	9,439.3	18.0	10.7	73.09	360.1	149.8	360.0	334.3	25.68	14.020
9,600.0	9,566.7	9,514.6	9,445.1	18.0	10.7	73.66	356.5	152.1	364.4	338.2	26.12	13.948
9,625.0	9,586.7	9,520.7	9,449.9	18.1	10.7	73.93	353.4	154.2	369.8	343.3	26.59	13.910
9,650.0	9,605.9	9,525.6	9,453.9	18.1	10.7	73.90	350.8	155.9	376.4	349.4	27.06	13.910
9,675.0	9,624.1	9,529.6	9,456.9	18.1	10.7	73.57	348.8	157.2	384.1	356.6	27.53	13.951
9,700.0	9,641.5	9,532.5	9,459.2	18.1	10.7	72.95	347.3	158.2	392.9	364.9	27.99	14.036
9,725.0	9,657.9	9,534.5	9,460.8	18.1	10.7	72.04	346.3	158.9	402.7	374.2	28.43	14.163
9,750.0	9,673.3	9,535.6	9,461.6	18.1	10.7	70.87	345.7	159.3	413.3	384.5	28.84	14.332
9,775.0	9,687.6	9,535.8	9,461.8	18.2	10.7	69.45	345.6	159.4	424.8	395.6	29.22	14.541
9,800.0	9,700.9	9,535.3	9,461.5	18.2	10.7	67.81	345.8	159.2	437.0	407.5	29.56	14.787
9,825.0	9,713.0	9,534.1	9,460.5	18.2	10.7	65.97	346.5	158.8	449.9	420.0	29.86	15.068
9,850.0	9,724.0	9,532.2	9,459.0	18.2	10.7	63.96	347.5	158.1	463.3	433.2	30.12	15.380
9,875.0	9,733.8	9,529.6	9,457.0	18.2	10.7	61.81	348.8	157.2	477.2	446.8	30.35	15.721
9,900.0	9,742.3	9,526.5	9,454.5	18.3	10.7	59.57	350.4	156.1	491.4	460.8	30.55	16.086
9,925.0	9,749.6	9,522.7	9,451.6	18.3	10.7	57.25	352.3	154.9	505.9	475.1	30.71	16.472
9,950.0	9,755.7	9,518.4	9,448.2	18.3	10.7	54.91	354.5	153.4	520.5	489.7	30.84	16.877
9,975.0	9,760.5	9,513.7	9,444.4	18.3	10.7	52.55	356.9	151.8	535.3	504.3	30.95	17.297
10,000.0	9,763.9	9,500.0	9,433.4	18.3	10.7	49.29	363.7	147.4	550.2	519.1	31.10	17.693
10,025.0	9,766.1	9,500.0	9,433.4	18.4	10.7	47.67	363.7	147.4	564.9	533.8	31.11	18.160
10,050.3	9,767.0	9,500.0	9,433.4	18.4	10.7	46.06	363.7	147.4	579.7	548.6	31.09	18.645
10,100.0	9,767.4	9,485.7	9,421.6	18.4	10.6	44.66	370.6	142.9	609.8	578.7	31.15	19.579
10,200.0	9,768.2	9,452.0	9,393.2	18.5	10.6	41.49	385.8	133.1	676.7	645.5	31.22	21.677
10,300.0	9,769.1	9,452.0	9,393.2	18.6	10.6	41.49	385.8	133.1	749.3	718.3	31.00	24.173
10,400.0	9,769.9	9,429.7	9,373.8	18.8	10.6	39.50	395.1	127.2	826.9	796.0	30.92	26.748
10,500.0	9,770.7	9,406.0	9,352.7	18.9	10.5	37.51	404.2	121.5	908.4	877.6	30.84	29.455
10,600.0	9,771.6	9,406.0	9,352.7	19.1	10.5	37.51	404.2	121.5	992.5	961.9	30.65	32.378

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well TATER SALAD FEDERAL COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	RKB=25ft @ 2939.0usft
Reference Site:	TATER SALAD & MOMBA FEDERAL (ATLAS 2628)	MD Reference:	RKB=25ft @ 2939.0usft
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	TATER SALAD FEDERAL COM #701H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 17 Central Planning Prod
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

Offset Design: TATER SALAD & MOMBA FEDERAL (ATLAS 2628) - MOMBA FEDERAL COM #702H - OWB - AWP													Offset Site Error:	3.0 usft
Survey Program: 100-Standard Keeper 104, 8694-MWD+IFR1+FDIR													Offset Well Error:	3.0 usft
Reference	Offset	Semi Major Axis		Rule Assigned:		Distance		Minimum		Separation		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)	Separation (usft)			
0.0	0.0	0.0	0.0	3.0	3.0	-53.15	540.5	-721.3	901.3					
100.0	100.0	94.6	94.6	3.1	3.0	-53.19	540.1	-721.7	901.4	894.4	7.04	128.105		
200.0	200.0	194.5	194.5	3.2	3.0	-53.26	539.3	-722.5	901.6	894.4	7.16	125.893		
300.0	300.0	295.9	295.8	3.3	3.0	-53.36	538.2	-723.5	901.7	894.4	7.29	123.743		
400.0	400.0	397.9	397.9	3.4	3.0	-53.46	536.8	-724.3	901.5	894.1	7.41	121.614		
500.0	500.0	497.0	497.0	3.6	3.1	-53.56	535.4	-725.1	901.3	893.8	7.54	119.559		
571.5	571.5	567.5	567.5	3.6	3.1	-53.63	534.5	-725.7	901.3	893.6	7.63	118.152		
600.0	600.0	593.9	593.9	3.7	3.1	-53.65	534.1	-725.9	901.3	893.6	7.66	117.585		
700.0	700.0	686.8	686.7	3.8	3.1	-53.76	533.1	-727.5	902.0	894.2	7.79	115.772		
800.0	800.0	786.2	786.1	3.9	3.1	-53.89	532.2	-729.5	903.1	895.2	7.92	114.047		
900.0	900.0	907.1	907.0	4.0	3.1	-53.86	532.5	-729.2	903.0	895.0	8.05	112.200		
1,000.0	1,000.0	1,004.0	1,003.9	4.2	3.1	-53.74	533.5	-727.2	902.0	893.8	8.17	110.336		
1,100.0	1,100.0	1,102.1	1,101.9	4.3	3.1	-53.64	534.3	-725.7	901.2	892.9	8.30	108.548		
1,200.0	1,200.0	1,199.5	1,199.3	4.4	3.1	-53.59	534.7	-725.0	900.8	892.4	8.43	106.858		
1,295.9	1,295.9	1,292.1	1,291.9	4.5	3.1	-53.57	534.7	-724.5	900.5	891.9	8.55	105.277		
1,300.0	1,300.0	1,295.7	1,295.5	4.5	3.1	-53.57	534.8	-724.5	900.5	891.9	8.56	105.212		
1,400.0	1,400.0	1,386.3	1,386.1	4.6	3.2	-53.57	535.0	-725.0	901.1	892.4	8.68	103.762		
1,500.0	1,500.0	1,486.1	1,486.0	4.8	3.2	-53.63	535.0	-726.5	902.3	893.5	8.81	102.372		
1,600.0	1,600.0	1,595.4	1,595.2	4.9	3.2	-13.57	536.4	-726.0	900.9	892.2	8.72	103.314		
1,700.0	1,699.8	1,692.2	1,691.9	5.2	3.2	-13.53	538.3	-724.8	896.1	887.0	9.05	99.003		
1,800.0	1,799.5	1,788.3	1,788.1	5.4	3.2	-13.61	539.7	-724.5	888.2	878.8	9.40	94.460		
1,900.0	1,898.9	1,880.7	1,880.5	5.6	3.3	-13.72	540.9	-725.0	879.2	869.5	9.68	90.872		
2,000.0	1,998.4	1,981.1	1,980.9	5.9	3.3	-13.84	542.4	-726.1	870.8	860.8	9.98	87.280		
2,100.0	2,097.8	2,136.6	2,136.1	6.1	3.3	-13.64	545.8	-719.2	858.1	847.8	10.29	83.355		
2,200.0	2,197.3	2,241.8	2,240.9	6.4	3.4	-13.30	548.7	-710.5	843.0	832.4	10.63	79.311		
2,300.0	2,296.7	2,383.3	2,381.4	6.6	3.4	-12.71	551.2	-694.1	824.6	813.6	10.96	75.234		
2,400.0	2,396.2	2,475.0	2,472.1	6.9	3.5	-12.24	551.9	-680.9	803.7	792.3	11.34	70.858		
2,500.0	2,495.6	2,550.0	2,546.7	7.2	3.5	-12.00	552.0	-673.0	785.2	773.4	11.75	66.809		
2,600.0	2,595.1	2,635.7	2,632.1	7.5	3.5	-11.78	552.5	-666.1	769.0	756.8	12.17	63.182		
2,700.0	2,694.5	2,728.1	2,724.3	7.9	3.6	-11.55	553.6	-659.6	754.0	741.4	12.60	59.847		
2,800.0	2,794.0	2,823.6	2,819.5	8.2	3.6	-11.31	555.0	-653.1	739.5	726.4	13.04	56.716		
2,900.0	2,893.4	2,918.7	2,914.4	8.5	3.7	-11.06	556.8	-647.1	725.5	712.0	13.49	53.780		
3,000.0	2,992.9	3,017.0	3,012.5	8.9	3.7	-10.81	558.5	-641.3	711.8	697.8	13.95	51.029		
3,100.0	3,092.3	3,113.1	3,108.5	9.2	3.8	-10.61	559.9	-636.1	698.3	683.8	14.42	48.431		
3,200.0	3,191.8	3,210.7	3,206.0	9.6	3.9	-10.43	561.2	-631.6	685.3	670.4	14.89	46.012		
3,300.0	3,291.2	3,308.5	3,303.7	9.9	3.9	-10.29	562.3	-627.4	672.4	657.0	15.38	43.735		
3,400.0	3,390.7	3,407.2	3,402.3	10.3	4.0	-10.15	563.5	-623.4	659.8	643.9	15.86	41.592		
3,500.0	3,490.1	3,504.4	3,499.4	10.6	4.1	-10.04	564.4	-619.8	647.3	630.9	16.36	39.567		
3,600.0	3,589.6	3,600.4	3,595.4	11.0	4.1	-9.99	565.1	-617.0	635.2	618.4	16.86	37.676		
3,700.0	3,689.0	3,698.4	3,693.3	11.4	4.2	-9.95	565.8	-614.5	623.5	606.1	17.36	35.904		
3,800.0	3,788.5	3,797.3	3,792.2	11.7	4.3	-9.92	566.7	-612.1	611.9	594.0	17.87	34.240		
3,900.0	3,887.9	3,895.3	3,890.2	12.1	4.4	-9.87	567.6	-609.7	600.3	582.0	18.38	32.657		
4,000.0	3,987.4	3,993.2	3,988.1	12.5	4.5	-9.82	568.7	-607.6	589.1	570.2	18.90	31.171		
4,100.0	4,086.9	4,091.9	4,086.7	12.9	4.6	-9.80	569.7	-605.7	578.0	558.6	19.42	29.770		
4,185.6	4,172.0	4,175.0	4,169.8	13.2	4.6	-9.81	570.5	-604.5	568.7	548.9	19.85	28.652		
4,200.0	4,186.3	4,189.4	4,184.3	13.2	4.6	-9.82	570.6	-604.3	567.2	547.3	19.91	28.483		
4,300.0	4,285.9	4,288.2	4,283.0	13.6	4.7	-9.87	571.2	-603.6	557.8	537.4	20.45	27.280		
4,400.0	4,385.6	4,387.6	4,382.4	14.0	4.8	-9.96	571.4	-603.4	550.3	529.4	20.94	26.286		
4,500.0	4,485.4	4,486.7	4,481.5	14.3	4.9	-10.03	571.5	-603.2	544.4	523.0	21.40	25.438		
4,600.0	4,585.3	4,583.7	4,578.5	14.6	5.0	-10.07	571.8	-603.1	540.6	518.8	21.84	24.757		
4,700.0	4,685.3	4,684.6	4,679.4	14.9	5.0	-10.14	571.9	-603.7	538.7	516.5	22.22	24.250		

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well TATER SALAD FEDERAL COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	RKB=25ft @ 2939.0usft
Reference Site:	TATER SALAD & MOMBA FEDERAL (ATLAS 2628)	MD Reference:	RKB=25ft @ 2939.0usft
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	TATER SALAD FEDERAL COM #701H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 17 Central Planning Prod
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

Offset Design: TATER SALAD & MOMBA FEDERAL (ATLAS 2628) - MOMBA FEDERAL COM #702H - OWB - AWP												Offset Site Error:	3.0 usft
Survey Program: 100-Standard Keeper 104, 8694-MWD+IFR1+FDIR												Offset Well Error:	3.0 usft
Reference	Offset	Semi Major Axis		Rule Assigned:		Warning							
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	
							+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)			
4,764.7	4,750.0	4,749.2	4,744.0	15.0	5.0	-10.18	571.8	-604.1	538.4	516.1	22.35	24.088	
4,785.6	4,770.9	4,769.6	4,764.4	15.0	5.0	-50.19	571.8	-604.2	538.5	516.1	22.40	24.041	
4,800.0	4,785.3	4,783.7	4,778.5	15.0	5.0	-50.19	571.9	-604.2	538.5	516.1	22.40	24.038	
4,900.0	4,885.3	4,884.0	4,878.8	15.1	5.0	-50.25	571.8	-605.0	539.1	516.6	22.52	23.938	
5,000.0	4,985.3	4,983.9	4,978.7	15.2	5.0	-50.32	571.6	-605.8	539.5	516.9	22.61	23.857	
5,100.0	5,085.3	5,084.7	5,079.5	15.2	5.0	-50.44	571.0	-606.9	540.1	517.3	22.71	23.784	
5,200.0	5,185.3	5,184.7	5,179.4	15.3	5.0	-50.57	570.4	-608.1	540.5	517.7	22.80	23.706	
5,300.0	5,285.3	5,293.3	5,288.1	15.3	5.0	-50.58	570.2	-608.0	540.4	517.5	22.88	23.614	
5,400.0	5,385.3	5,393.8	5,388.5	15.4	5.1	-50.29	571.4	-605.1	539.0	516.0	23.00	23.435	
5,500.0	5,485.3	5,494.8	5,489.5	15.5	5.2	-49.96	573.0	-602.1	537.7	514.6	23.12	23.259	
5,600.0	5,585.3	5,595.8	5,590.3	15.5	5.3	-49.48	575.3	-597.9	535.9	512.7	23.24	23.061	
5,700.0	5,685.3	5,694.9	5,689.3	15.6	5.4	-48.97	577.8	-593.6	534.3	510.9	23.37	22.863	
5,800.0	5,785.3	5,797.4	5,791.7	15.7	5.5	-48.51	579.9	-589.4	532.5	509.0	23.49	22.673	
5,900.0	5,885.3	5,896.1	5,890.3	15.7	5.6	-48.09	581.5	-585.5	530.8	507.1	23.61	22.477	
6,000.0	5,985.3	5,997.0	5,991.2	15.8	5.7	-47.77	582.5	-582.1	528.9	505.2	23.73	22.288	
6,100.0	6,085.3	6,095.9	6,090.0	15.8	5.8	-47.51	583.3	-579.3	527.3	503.5	23.85	22.107	
6,200.0	6,185.3	6,194.4	6,188.5	15.9	5.9	-47.29	583.6	-576.8	525.7	501.7	23.97	21.925	
6,300.0	6,285.3	6,291.9	6,286.0	16.0	6.0	-47.10	584.2	-574.8	524.6	500.5	24.10	21.769	
6,400.0	6,385.3	6,390.6	6,384.7	16.0	6.1	-46.89	585.0	-572.9	523.7	499.5	24.22	21.625	
6,440.1	6,425.4	6,427.3	6,421.4	16.1	6.1	-46.82	585.4	-572.3	523.6	499.3	24.27	21.571	
6,500.0	6,485.3	6,485.6	6,479.7	16.1	6.2	-46.70	586.3	-571.7	523.7	499.4	24.34	21.515	
6,600.0	6,585.3	6,587.9	6,581.9	16.2	6.3	-46.39	588.4	-569.9	523.9	499.4	24.45	21.423	
6,623.2	6,608.5	6,610.5	6,604.5	16.2	6.3	-46.30	589.0	-569.3	523.9	499.4	24.48	21.398	
6,700.0	6,685.3	6,686.7	6,680.6	16.2	6.4	-45.98	591.1	-567.3	523.9	499.3	24.57	21.319	
6,800.0	6,785.3	6,785.0	6,778.9	16.3	6.5	-45.60	593.9	-565.1	524.2	499.5	24.70	21.228	
6,900.0	6,885.3	6,885.4	6,879.2	16.3	6.6	-45.25	596.4	-563.1	524.6	499.8	24.81	21.143	
7,000.0	6,985.3	6,988.0	6,981.7	16.4	6.7	-44.77	599.6	-560.0	524.7	499.8	24.92	21.051	
7,014.8	7,000.1	7,002.4	6,996.1	16.4	6.7	-44.68	600.2	-559.5	524.7	499.7	24.94	21.034	
7,100.0	7,085.3	7,082.9	7,076.5	16.5	6.8	-44.25	603.1	-556.9	525.0	500.0	25.05	20.955	
7,200.0	7,185.3	7,182.6	7,176.1	16.5	6.9	-43.79	606.9	-554.7	526.1	501.0	25.17	20.902	
7,300.0	7,285.3	7,277.0	7,270.4	16.6	7.0	-43.36	610.6	-552.7	527.6	502.3	25.30	20.854	
7,400.0	7,385.3	7,382.2	7,375.5	16.7	7.1	-42.87	615.0	-550.7	529.3	503.9	25.41	20.836	
7,500.0	7,485.3	7,485.3	7,478.5	16.7	7.2	-42.35	618.4	-547.2	529.5	504.0	25.52	20.751	
7,600.0	7,585.3	7,584.7	7,577.8	16.8	7.3	-41.90	621.7	-544.6	530.1	504.5	25.64	20.679	
7,700.0	7,685.3	7,707.9	7,700.8	16.9	7.5	-41.43	624.0	-540.8	529.7	504.0	25.71	20.604	
7,800.0	7,785.3	7,810.8	7,803.6	16.9	7.6	-40.94	623.8	-534.6	525.6	499.8	25.83	20.351	
7,900.0	7,885.3	7,913.9	7,906.6	17.0	7.7	-40.63	622.1	-529.5	521.0	495.1	25.94	20.086	
8,000.0	7,985.3	8,017.7	8,010.2	17.0	7.7	-40.43	619.2	-524.6	515.9	489.9	26.06	19.801	
8,100.0	8,085.3	8,120.4	8,112.7	17.1	7.8	-40.37	614.9	-520.2	510.0	483.8	26.17	19.483	
8,200.0	8,185.3	8,217.4	8,209.5	17.2	7.9	-40.39	610.4	-516.7	504.1	477.8	26.30	19.165	
8,300.0	8,285.3	8,306.5	8,298.6	17.2	7.9	-40.23	608.2	-512.9	499.5	473.0	26.44	18.889	
8,400.0	8,385.3	8,404.1	8,396.0	17.3	8.0	-39.95	607.4	-509.1	496.3	469.7	26.57	18.679	
8,500.0	8,485.3	8,498.7	8,490.6	17.4	8.1	-39.63	607.4	-505.5	493.9	467.2	26.70	18.498	
8,600.0	8,585.3	8,606.4	8,598.2	17.4	8.3	-39.13	608.1	-500.5	491.5	464.7	26.81	18.333	
8,700.0	8,685.3	8,709.2	8,700.8	17.5	8.4	-38.74	607.2	-495.6	487.8	460.8	26.92	18.117	
8,800.0	8,785.3	8,801.5	8,793.0	17.6	8.4	-38.32	607.1	-490.9	484.6	457.5	27.04	17.918	
8,900.0	8,885.3	8,899.4	8,890.8	17.6	8.4	-37.87	607.8	-486.6	482.4	455.3	27.14	17.774	
9,000.0	8,985.3	8,998.6	8,990.0	17.7	8.5	-37.64	607.7	-484.0	480.7	453.4	27.25	17.642	
9,100.0	9,085.3	9,326.9	9,303.2	17.8	8.7	-40.77	536.6	-457.5	465.0	436.7	28.30	16.435	
9,200.0	9,185.3	9,455.4	9,407.5	17.8	8.9	-46.65	463.6	-441.1	412.2	383.3	28.92	14.254	
9,300.0	9,285.3	9,537.5	9,467.5	17.9	9.0	-53.82	407.8	-437.7	358.4	329.5	28.85	12.423	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well TATER SALAD FEDERAL COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	RKB=25ft @ 2939.0usft
Reference Site:	TATER SALAD & MOMBA FEDERAL (ATLAS 2628)	MD Reference:	RKB=25ft @ 2939.0usft
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	TATER SALAD FEDERAL COM #701H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 17 Central Planning Prod
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

Offset Design: TATER SALAD & MOMBA FEDERAL (ATLAS 2628) - MOMBA FEDERAL COM #702H - OWB - AWP												Offset Site Error:	3.0 usft
Survey Program: 100-Standard Keeper 104, 8694-MWD+IFR1+FDIR												Offset Well Error:	3.0 usft
Reference	Offset	Semi Major Axis		Rule Assigned:		Distance		Minimum		Separation		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)	Separation (usft)	Factor	
9,304.3	9,289.6	9,540.7	9,469.8	17.9	9.0	-54.18	405.5	-437.7	356.2	327.3	28.84	12.352	
9,325.0	9,310.3	9,556.6	9,480.8	17.9	9.1	-57.22	394.1	-437.7	345.4	316.9	28.47	12.131	
9,350.0	9,335.2	9,578.5	9,495.7	17.9	9.1	-61.77	378.0	-437.7	332.1	303.7	28.38	11.700	
9,375.0	9,360.0	9,597.9	9,508.6	17.9	9.1	-66.47	363.5	-437.6	318.7	290.4	28.23	11.288	
9,400.0	9,384.6	9,617.0	9,521.1	17.9	9.2	-71.53	349.0	-437.4	305.4	277.4	28.03	10.895	
9,425.0	9,409.0	9,633.6	9,531.6	17.9	9.2	-76.39	336.3	-437.1	292.6	264.8	27.75	10.542	
9,450.0	9,433.0	9,647.2	9,540.0	18.0	9.3	-80.80	325.6	-436.7	280.6	253.2	27.39	10.242	
9,475.0	9,456.7	9,662.5	9,549.3	18.0	9.3	-85.57	313.4	-436.0	269.7	242.7	26.98	9.995	
9,500.0	9,479.9	9,674.5	9,556.4	18.0	9.3	-89.49	303.8	-435.3	260.3	233.8	26.50	9.822	
9,525.0	9,502.5	9,682.9	9,561.3	18.0	9.3	-92.35	297.0	-434.6	252.8	226.8	25.99	9.726	
9,550.0	9,524.6	9,688.1	9,564.3	18.0	9.4	-94.22	292.7	-434.2	247.5	222.0	25.51	9.704 SF	
9,575.0	9,546.0	9,690.8	9,565.8	18.0	9.4	-95.18	290.5	-434.0	244.7	219.6	25.12	9.742	
9,588.5	9,557.3	9,691.3	9,566.1	18.0	9.4	-95.34	290.1	-433.9	244.3	219.4	24.98	9.783 CC, ES	
9,600.0	9,566.7	9,691.2	9,566.0	18.0	9.4	-95.29	290.2	-433.9	244.6	219.7	24.89	9.827	
9,625.0	9,586.7	9,689.8	9,565.2	18.1	9.4	-94.64	291.4	-434.1	247.2	222.3	24.85	9.947	
9,650.0	9,605.9	9,686.6	9,563.4	18.1	9.4	-93.29	293.9	-434.3	252.3	227.3	24.99	10.094	
9,675.0	9,624.1	9,682.1	9,560.8	18.1	9.3	-91.30	297.6	-434.7	259.7	234.4	25.29	10.270	
9,700.0	9,641.5	9,676.3	9,557.5	18.1	9.3	-88.73	302.3	-435.2	269.2	243.5	25.69	10.480	
9,725.0	9,657.9	9,669.4	9,553.4	18.1	9.3	-85.66	307.9	-435.6	280.5	254.4	26.15	10.729	
9,750.0	9,673.3	9,661.6	9,548.8	18.1	9.3	-82.16	314.2	-436.1	293.2	266.6	26.62	11.016	
9,775.0	9,687.6	9,652.9	9,543.5	18.2	9.3	-78.32	321.1	-436.5	307.2	280.1	27.08	11.343	
9,800.0	9,700.9	9,644.4	9,538.3	18.2	9.3	-74.44	327.8	-436.8	322.0	294.5	27.48	11.717	
9,825.0	9,713.0	9,636.0	9,533.1	18.2	9.2	-70.53	334.4	-437.0	337.5	309.7	27.82	12.132	
9,850.0	9,724.0	9,626.9	9,527.4	18.2	9.2	-66.55	341.4	-437.2	353.6	325.5	28.12	12.575	
9,875.0	9,733.8	9,617.2	9,521.2	18.2	9.2	-62.59	348.9	-437.4	370.0	341.6	28.37	13.039	
9,900.0	9,742.3	9,607.0	9,514.6	18.3	9.2	-58.73	356.7	-437.6	386.5	358.0	28.59	13.522	
9,925.0	9,749.6	9,596.2	9,507.5	18.3	9.1	-55.01	364.8	-437.7	403.2	374.4	28.76	14.016	
9,950.0	9,755.7	9,584.7	9,499.8	18.3	9.1	-51.48	373.4	-437.7	419.7	390.8	28.91	14.516	
9,975.0	9,760.5	9,572.7	9,491.7	18.3	9.1	-48.19	382.3	-437.8	436.1	407.0	29.03	15.020	
10,000.0	9,763.9	9,560.2	9,483.2	18.3	9.1	-45.16	391.5	-437.7	452.2	423.1	29.13	15.525	
10,025.0	9,766.1	9,554.0	9,479.0	18.4	9.1	-42.93	396.0	-437.7	468.0	439.0	29.05	16.112	
10,050.3	9,767.0	9,537.6	9,467.6	18.4	9.0	-40.13	407.7	-437.7	483.6	454.4	29.16	16.585	
10,100.0	9,767.4	9,516.4	9,452.5	18.4	9.0	-38.74	422.7	-438.0	514.7	485.6	29.12	17.672	
10,200.0	9,768.2	9,478.5	9,424.9	18.5	8.9	-36.51	448.5	-439.5	581.6	552.5	29.02	20.043	
10,300.0	9,769.1	9,445.9	9,400.2	18.6	8.8	-34.83	469.7	-441.9	653.4	624.5	28.88	22.621	
10,400.0	9,769.9	9,414.0	9,375.3	18.8	8.8	-33.41	489.3	-445.4	729.2	700.5	28.80	25.322	
10,500.0	9,770.7	9,390.7	9,356.6	18.9	8.8	-32.47	502.8	-448.5	808.3	779.7	28.66	28.202	
10,600.0	9,771.6	9,367.0	9,337.1	19.1	8.7	-31.58	515.9	-451.7	890.0	861.4	28.59	31.133	
10,700.0	9,772.4	9,343.7	9,317.5	19.3	8.7	-30.75	528.2	-455.0	973.9	945.3	28.55	34.105	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well TATER SALAD FEDERAL COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	RKB=25ft @ 2939.0usft
Reference Site:	TATER SALAD & MOMBA FEDERAL (ATLAS 2628)	MD Reference:	RKB=25ft @ 2939.0usft
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	TATER SALAD FEDERAL COM #701H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 17 Central Planning Prod
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

Offset Design: TATER SALAD & MOMBA FEDERAL (ATLAS 2628) - MOMBA FEDERAL COM #703H - OWB - AWP												Offset Site Error:	3.0 usft
Survey Program: 100-Standard Keeper 104, 9164-MWD+IFR1+FDIR												Offset Well Error:	3.0 usft
Reference	Offset	Semi Major Axis		Rule Assigned:		Distance		Minimum		Separation		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)	Separation (usft)		
0.0	0.0	0.0	0.0	3.0	3.0	-54.28	540.3	-751.3	925.4				
100.0	100.0	97.6	97.6	3.1	3.0	-54.32	539.7	-751.6	925.3	918.2	7.04	131.495	
200.0	200.0	197.6	197.6	3.2	3.0	-54.41	538.2	-752.1	924.8	917.7	7.16	129.138	
300.0	300.0	296.9	296.8	3.3	3.0	-54.50	536.9	-752.7	924.5	917.3	7.29	126.871	
400.0	400.0	398.8	398.7	3.4	3.0	-54.60	535.4	-753.4	924.3	916.9	7.41	124.680	
500.0	500.0	503.0	502.9	3.6	3.1	-54.71	533.5	-753.7	923.5	916.0	7.54	122.472	
600.0	600.0	602.5	602.4	3.7	3.1	-54.81	531.6	-754.0	922.6	915.0	7.67	120.310	
683.2	683.2	678.1	678.0	3.8	3.1	-54.89	530.4	-754.5	922.3	914.5	7.77	118.646	
700.0	700.0	691.1	691.0	3.8	3.1	-54.91	530.2	-754.7	922.3	914.5	7.79	118.327	
800.0	800.0	779.8	779.7	3.9	3.1	-55.01	529.4	-756.4	923.4	915.5	7.92	116.632	
900.0	900.0	870.3	870.1	4.0	3.2	-55.12	529.2	-759.2	925.8	917.8	8.04	115.170	
1,000.0	1,000.0	970.9	970.7	4.2	3.2	-55.27	528.8	-762.8	928.5	920.3	8.16	113.716	
1,100.0	1,100.0	1,068.7	1,068.4	4.3	3.2	-55.45	528.0	-766.7	931.3	923.0	8.29	112.316	
1,200.0	1,200.0	1,166.5	1,166.1	4.4	3.3	-55.65	526.8	-770.9	934.2	925.8	8.42	110.959	
1,300.0	1,300.0	1,265.1	1,264.6	4.5	3.3	-55.87	525.6	-775.6	937.4	928.8	8.55	109.651	
1,400.0	1,400.0	1,379.8	1,379.2	4.6	3.4	-56.11	524.2	-780.4	940.3	931.6	8.69	108.265	
1,500.0	1,500.0	1,477.2	1,476.5	4.8	3.4	-56.25	523.2	-783.1	942.0	933.2	8.82	106.847	
1,600.0	1,600.0	1,574.1	1,573.3	4.9	3.5	-16.40	522.7	-786.1	942.6	933.8	8.72	108.073	
1,700.0	1,699.8	1,687.1	1,686.4	5.2	3.5	-16.58	523.0	-788.1	939.2	930.2	9.06	103.620	
1,800.0	1,799.5	1,783.9	1,783.2	5.4	3.6	-16.73	524.0	-788.6	931.9	922.5	9.42	98.903	
1,900.0	1,898.9	1,873.5	1,872.7	5.6	3.6	-16.90	524.9	-789.9	923.6	913.9	9.70	95.199	
2,000.0	1,998.4	1,973.8	1,973.0	5.9	3.7	-17.12	525.8	-792.1	916.0	906.0	10.01	91.494	
2,100.0	2,097.8	2,096.4	2,095.5	6.1	3.7	-17.36	526.5	-793.1	906.9	896.6	10.34	87.691	
2,200.0	2,197.3	2,203.0	2,202.2	6.4	3.7	-17.49	527.2	-791.8	896.3	885.6	10.66	84.055	
2,300.0	2,296.7	2,332.4	2,331.5	6.6	3.7	-17.59	527.5	-787.4	883.6	872.6	10.99	80.417	
2,400.0	2,396.2	2,450.7	2,449.6	6.9	3.7	-17.60	526.6	-779.6	867.6	856.2	11.33	76.586	
2,500.0	2,495.6	2,519.1	2,517.8	7.2	3.7	-17.62	526.1	-775.2	852.1	840.4	11.72	72.734	
2,600.0	2,595.1	2,596.3	2,595.0	7.5	3.7	-17.73	526.3	-773.9	840.8	828.7	12.11	69.422	
2,700.0	2,694.5	2,695.5	2,694.2	7.9	3.7	-17.88	526.8	-773.0	830.3	817.8	12.51	66.356	
2,800.0	2,794.0	2,794.4	2,793.1	8.2	3.7	-18.04	527.2	-772.1	819.9	806.9	12.93	63.431	
2,900.0	2,893.4	2,892.0	2,890.6	8.5	3.7	-18.22	527.6	-771.4	809.5	796.2	13.35	60.647	
3,000.0	2,992.9	2,991.1	2,989.7	8.9	3.7	-18.40	528.1	-770.8	799.3	785.5	13.78	58.007	
3,100.0	3,092.3	3,090.5	3,089.1	9.2	3.7	-18.58	528.6	-770.1	789.1	774.9	14.22	55.501	
3,200.0	3,191.8	3,189.3	3,187.9	9.6	3.7	-18.77	529.2	-769.6	779.1	764.4	14.66	53.128	
3,300.0	3,291.2	3,288.5	3,287.2	9.9	3.8	-18.97	529.7	-769.2	769.0	753.9	15.11	50.880	
3,400.0	3,390.7	3,387.4	3,386.1	10.3	3.8	-19.18	530.1	-768.8	759.1	743.5	15.57	48.751	
3,500.0	3,490.1	3,487.3	3,486.0	10.6	3.8	-19.39	530.6	-768.3	749.1	733.0	16.03	46.730	
3,600.0	3,589.6	3,585.7	3,584.3	11.0	3.9	-19.63	531.0	-768.1	739.1	722.7	16.49	44.816	
3,700.0	3,689.0	3,684.0	3,682.7	11.4	3.9	-19.88	531.3	-768.1	729.4	712.5	16.96	43.007	
3,800.0	3,788.5	3,781.7	3,780.3	11.7	4.0	-20.14	531.6	-768.2	719.9	702.5	17.43	41.297	
3,900.0	3,887.9	3,878.3	3,877.0	12.1	4.1	-20.40	532.1	-768.7	710.8	692.8	17.91	39.685	
4,000.0	3,987.4	3,976.7	3,975.3	12.5	4.1	-20.67	532.9	-769.3	701.9	683.5	18.39	38.174	
4,100.0	4,086.9	4,076.4	4,075.0	12.9	4.2	-20.95	533.7	-770.1	693.2	674.4	18.87	36.746	
4,185.6	4,172.0	4,158.9	4,157.5	13.2	4.2	-21.20	534.2	-771.0	685.9	666.7	19.27	35.604	
4,200.0	4,186.3	4,173.5	4,172.1	13.2	4.2	-21.25	534.3	-771.2	684.7	665.4	19.32	35.433	
4,300.0	4,285.9	4,272.9	4,271.6	13.6	4.3	-21.52	534.8	-772.5	677.5	657.7	19.82	34.179	
4,400.0	4,385.6	4,373.4	4,372.0	14.0	4.4	-21.77	535.1	-773.8	671.7	651.4	20.27	33.132	
4,500.0	4,485.4	4,475.8	4,474.4	14.3	4.5	-21.97	535.4	-774.8	667.2	646.5	20.70	32.225	
4,600.0	4,585.3	4,573.5	4,572.1	14.6	4.5	-22.15	535.2	-776.1	664.5	643.4	21.11	31.472	
4,663.6	4,648.9	4,632.3	4,630.8	14.8	4.6	-22.25	535.1	-777.1	663.8	642.5	21.36	31.084 CC, ES	
4,700.0	4,685.3	4,657.9	4,656.4	14.9	4.6	-22.29	535.2	-777.8	664.2	642.7	21.50	30.888	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well TATER SALAD FEDERAL COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	RKB=25ft @ 2939.0usft
Reference Site:	TATER SALAD & MOMBA FEDERAL (ATLAS 2628)	MD Reference:	RKB=25ft @ 2939.0usft
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	TATER SALAD FEDERAL COM #701H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 17 Central Planning Prod
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

Offset Design: TATER SALAD & MOMBA FEDERAL (ATLAS 2628) - MOMBA FEDERAL COM #703H - OWB - AWP													Offset Site Error: 3.0 usft	
Survey Program: 100-Standard Keeper 104, 9164-MWD+IFR1+FDIR							Rule Assigned:						Offset Well Error: 3.0 usft	
Reference		Offset		Semi Major Axis			Offset Wellbore Centre		Distance		Minimum 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)	Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
4,785.6	4,770.9	4,734.8	4,733.2	15.0	4.6	-62.35	536.5	-781.2	667.6	645.9	21.70	30.768		
4,800.0	4,785.3	4,749.3	4,747.8	15.0	4.7	-62.36	536.7	-781.9	668.3	646.6	21.71	30.789		
4,900.0	4,885.3	4,850.4	4,848.8	15.1	4.7	-62.42	538.4	-786.5	673.0	651.2	21.84	30.814		
5,000.0	4,985.3	4,950.0	4,948.2	15.2	4.8	-62.48	539.9	-790.8	677.6	655.7	21.96	30.863		
5,100.0	5,085.3	5,051.7	5,049.8	15.2	4.9	-62.59	540.8	-795.5	682.2	660.1	22.07	30.916		
5,200.0	5,185.3	5,152.5	5,150.6	15.3	5.0	-62.73	541.4	-800.2	686.6	664.4	22.17	30.964		
5,300.0	5,285.3	5,255.8	5,253.7	15.3	5.1	-62.90	541.5	-804.9	690.6	668.3	22.28	31.000		
5,400.0	5,385.3	5,359.4	5,357.2	15.4	5.2	-63.08	541.2	-809.1	694.1	671.8	22.38	31.015		
5,500.0	5,485.3	5,459.8	5,457.5	15.5	5.3	-63.26	540.7	-813.0	697.4	674.9	22.49	31.009		
5,600.0	5,585.3	5,561.8	5,559.5	15.5	5.3	-63.43	540.3	-816.9	700.6	678.0	22.60	31.003		
5,700.0	5,685.3	5,663.8	5,661.4	15.6	5.4	-63.63	539.4	-820.5	703.3	680.6	22.70	30.982		
5,800.0	5,785.3	5,763.8	5,761.3	15.7	5.5	-63.83	538.4	-824.0	706.0	683.2	22.81	30.954		
5,900.0	5,885.3	5,867.2	5,864.7	15.7	5.6	-64.05	537.0	-827.4	708.4	685.5	22.91	30.921		
6,000.0	5,985.3	5,969.0	5,966.4	15.8	5.7	-64.28	535.4	-830.6	710.6	687.6	23.01	30.878		
6,100.0	6,085.3	6,068.5	6,065.9	15.8	5.8	-64.51	533.7	-833.7	712.6	689.5	23.12	30.827		
6,200.0	6,185.3	6,169.1	6,166.4	15.9	5.9	-64.75	531.8	-836.7	714.6	691.4	23.22	30.775		
6,300.0	6,285.3	6,271.2	6,268.4	16.0	6.0	-64.98	530.0	-839.6	716.3	693.0	23.32	30.715		
6,400.0	6,385.3	6,362.4	6,359.6	16.0	6.0	-65.19	528.3	-842.2	718.2	694.8	23.44	30.644		
6,500.0	6,485.3	6,454.8	6,451.9	16.1	6.1	-65.33	528.2	-846.2	722.1	698.5	23.57	30.641		
6,600.0	6,585.3	6,555.7	6,552.7	16.2	6.2	-65.48	528.2	-850.5	725.9	702.2	23.69	30.644		
6,700.0	6,685.3	6,657.8	6,654.7	16.2	6.3	-65.64	527.8	-854.8	729.6	705.8	23.81	30.644		
6,800.0	6,785.3	6,742.5	6,739.3	16.3	6.4	-65.76	527.7	-858.4	733.5	709.6	23.95	30.634		
6,900.0	6,885.3	6,833.4	6,830.0	16.3	6.5	-65.65	531.5	-863.3	740.2	716.1	24.10	30.715		
7,000.0	6,985.3	6,939.0	6,935.4	16.4	6.6	-65.58	535.2	-869.0	746.5	722.2	24.24	30.790		
7,100.0	7,085.3	7,040.0	7,036.2	16.5	6.7	-65.60	537.4	-874.4	752.3	727.9	24.39	30.850		
7,200.0	7,185.3	7,133.2	7,129.3	16.5	6.8	-65.70	538.5	-880.2	758.4	733.9	24.52	30.927		
7,300.0	7,285.3	7,231.9	7,227.6	16.6	6.9	-65.83	539.7	-887.1	765.3	740.6	24.66	31.036		
7,400.0	7,385.3	7,338.0	7,333.5	16.7	7.1	-66.03	540.0	-894.4	771.6	746.9	24.78	31.137		
7,500.0	7,485.3	7,441.8	7,437.2	16.7	7.2	-66.24	539.9	-901.2	777.6	752.7	24.91	31.219		
7,600.0	7,585.3	7,546.0	7,541.1	16.8	7.3	-66.42	539.8	-907.0	782.7	757.7	25.04	31.262		
7,700.0	7,685.3	7,637.1	7,632.1	16.9	7.4	-66.38	542.4	-911.6	788.4	763.2	25.19	31.296		
7,800.0	7,785.3	7,745.2	7,740.0	16.9	7.5	-66.16	547.6	-915.8	793.9	768.6	25.35	31.316		
7,900.0	7,885.3	7,845.9	7,840.4	17.0	7.6	-65.91	552.7	-919.1	799.0	773.5	25.52	31.313		
8,000.0	7,985.3	7,955.8	7,950.2	17.0	7.7	-65.67	557.8	-921.9	803.2	777.6	25.67	31.287		
8,100.0	8,085.3	8,052.8	8,047.1	17.1	7.8	-65.49	561.7	-924.4	807.2	781.4	25.84	31.245		
8,200.0	8,185.3	8,157.2	8,151.4	17.2	7.9	-65.34	565.3	-927.2	811.1	785.1	25.99	31.204		
8,300.0	8,285.3	8,260.6	8,254.8	17.2	8.0	-65.25	567.9	-929.9	814.5	788.3	26.15	31.145		
8,400.0	8,385.3	8,363.2	8,357.3	17.3	8.1	-65.20	569.8	-932.2	817.4	791.0	26.31	31.069		
8,500.0	8,485.3	8,463.2	8,457.3	17.4	8.2	-65.14	571.8	-934.4	820.2	793.7	26.47	30.989		
8,600.0	8,585.3	8,567.3	8,561.3	17.4	8.3	-65.09	573.6	-936.6	822.8	796.1	26.62	30.903		
8,700.0	8,685.3	8,675.9	8,669.9	17.5	8.4	-65.14	573.6	-938.6	824.5	797.7	26.77	30.797		
8,800.0	8,785.3	8,776.8	8,770.8	17.6	8.5	-65.23	573.0	-940.2	825.7	798.8	26.91	30.682		
8,900.0	8,885.3	8,873.9	8,867.9	17.6	8.6	-65.34	572.1	-942.1	827.0	800.0	27.05	30.577		
9,000.0	8,985.3	8,971.6	8,965.6	17.7	8.7	-65.48	571.0	-944.4	828.7	801.6	27.18	30.486		
9,100.0	9,085.3	9,070.6	9,064.5	17.8	8.8	-65.64	569.6	-947.0	830.5	803.2	27.30	30.426		
9,200.0	9,185.3	9,164.0	9,157.8	17.8	8.9	-65.81	568.1	-949.7	832.6	805.2	27.41	30.378 SF		
9,300.0	9,285.3	9,263.5	9,256.4	17.9	8.9	-66.61	558.6	-957.2	835.6	808.1	27.45	30.435		
9,304.3	9,289.6	9,268.4	9,261.1	17.9	8.9	-66.69	557.6	-957.8	835.7	808.2	27.45	30.441		
9,325.0	9,310.3	9,291.3	9,283.1	17.9	8.9	-67.06	551.8	-960.8	836.1	808.9	27.21	30.723		
9,350.0	9,335.2	9,306.0	9,296.9	17.9	8.9	-67.44	547.5	-963.1	836.1	808.9	27.20	30.735		
9,375.0	9,360.0	9,327.9	9,317.3	17.9	8.9	-68.17	540.1	-966.8	835.9	808.8	27.17	30.769		

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well TATER SALAD FEDERAL COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	RKB=25ft @ 2939.0usft
Reference Site:	TATER SALAD & MOMBA FEDERAL (ATLAS 2628)	MD Reference:	RKB=25ft @ 2939.0usft
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	TATER SALAD FEDERAL COM #701H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 17 Central Planning Prod
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

Offset Design: TATER SALAD & MOMBA FEDERAL (ATLAS 2628) - MOMBA FEDERAL COM #703H - OWB - AWP												Offset Site Error:	3.0 usft
Survey Program: 100-Standard Keeper 104, 9164-MWD+IFR1+FDIR												Offset Well Error:	3.0 usft
Reference	Offset	Semi Major Axis		Rule Assigned:		Distance		Minimum		Separation	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)		Factor	
9,400.0	9,384.6	9,342.0	9,330.1	17.9	8.9	-68.73	534.9	-969.6	835.6	808.5	27.15	30.782	
9,425.0	9,409.0	9,354.0	9,340.8	17.9	8.9	-69.28	530.3	-972.1	835.3	808.2	27.13	30.790	
9,450.0	9,433.0	9,366.5	9,351.9	18.0	8.9	-69.89	525.1	-974.9	834.9	807.8	27.10	30.804	
9,475.0	9,456.7	9,377.0	9,361.0	18.0	8.9	-70.45	520.7	-977.4	834.7	807.6	27.08	30.817	
9,500.0	9,479.9	9,386.5	9,369.2	18.0	8.9	-70.97	516.5	-979.8	834.5	807.4	27.06	30.833	
9,513.4	9,492.1	9,391.1	9,373.2	18.0	8.9	-71.23	514.4	-981.0	834.5	807.4	27.06	30.844	
9,525.0	9,502.5	9,401.0	9,381.5	18.0	9.0	-71.79	509.8	-983.6	834.5	807.5	27.01	30.896	
9,526.1	9,503.5	9,401.0	9,381.5	18.0	9.0	-71.79	509.8	-983.6	834.5	807.5	27.01	30.894	
9,550.0	9,524.6	9,401.0	9,381.5	18.0	9.0	-71.77	509.8	-983.6	834.7	807.7	27.04	30.869	
9,575.0	9,546.0	9,411.7	9,390.4	18.0	9.0	-72.37	504.7	-986.6	835.1	808.1	27.00	30.930	
9,600.0	9,566.7	9,419.2	9,396.6	18.0	9.0	-72.77	501.1	-988.7	835.8	808.8	26.98	30.982	
9,625.0	9,586.7	9,425.5	9,401.8	18.1	9.0	-73.06	497.9	-990.5	836.7	809.7	26.95	31.041	
9,650.0	9,605.9	9,430.6	9,406.0	18.1	9.0	-73.26	495.4	-992.0	837.9	811.0	26.94	31.106	
9,675.0	9,624.1	9,434.7	9,409.3	18.1	9.0	-73.35	493.3	-993.2	839.5	812.6	26.92	31.180	
9,700.0	9,641.5	9,437.8	9,411.8	18.1	9.0	-73.33	491.7	-994.1	841.4	814.5	26.92	31.262	
9,725.0	9,657.9	9,440.0	9,413.5	18.1	9.0	-73.22	490.5	-994.8	843.7	816.8	26.91	31.353	
9,750.0	9,673.3	9,449.0	9,420.7	18.1	9.0	-73.53	485.8	-997.5	846.4	819.5	26.83	31.540	
9,775.0	9,687.6	9,449.0	9,420.7	18.2	9.0	-73.19	485.8	-997.5	849.3	822.5	26.84	31.648	
9,800.0	9,700.9	9,449.0	9,420.7	18.2	9.0	-72.81	485.8	-997.5	852.6	825.8	26.83	31.775	
9,825.0	9,713.0	9,449.0	9,420.7	18.2	9.0	-72.38	485.8	-997.5	856.3	829.4	26.82	31.923	
9,850.0	9,724.0	9,449.0	9,420.7	18.2	9.0	-71.93	485.8	-997.5	860.2	833.4	26.81	32.090	
9,875.0	9,733.8	9,436.7	9,410.9	18.2	9.0	-70.62	492.2	-993.8	864.3	837.4	26.91	32.117	
9,900.0	9,742.3	9,433.9	9,408.7	18.3	9.0	-69.93	493.7	-993.0	868.8	841.9	26.91	32.283	
9,925.0	9,749.6	9,430.6	9,406.0	18.3	9.0	-69.17	495.3	-992.0	873.5	846.6	26.91	32.461	
9,950.0	9,755.7	9,426.8	9,402.9	18.3	9.0	-68.37	497.3	-990.9	878.4	851.5	26.90	32.649	
9,975.0	9,760.5	9,422.6	9,399.4	18.3	9.0	-67.53	499.4	-989.7	883.5	856.6	26.90	32.849	
10,000.0	9,763.9	9,417.9	9,395.5	18.3	9.0	-66.65	501.7	-988.3	888.7	861.8	26.88	33.058	
10,025.0	9,766.1	9,401.0	9,381.5	18.4	9.0	-65.05	509.8	-983.6	894.2	867.2	27.00	33.120	
10,050.3	9,767.0	9,401.0	9,381.5	18.4	9.0	-64.45	509.8	-983.6	899.6	872.7	26.91	33.424	
10,100.0	9,767.4	9,401.0	9,381.5	18.4	9.0	-64.45	509.8	-983.6	911.6	884.8	26.75	34.077	
10,200.0	9,768.2	9,381.4	9,364.9	18.5	8.9	-63.33	518.7	-978.5	942.5	915.8	26.71	35.290	
10,300.0	9,769.1	9,354.0	9,340.8	18.6	8.9	-61.75	530.3	-972.1	982.4	955.6	26.81	36.639	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well TATER SALAD FEDERAL COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	RKB=25ft @ 2939.0usft
Reference Site:	TATER SALAD & MOMBA FEDERAL (ATLAS 2628)	MD Reference:	RKB=25ft @ 2939.0usft
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	TATER SALAD FEDERAL COM #701H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 17 Central Planning Prod
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

Offset Design: TATER SALAD & MOMBA FEDERAL (ATLAS 2628) - MOMBA FEDERAL COM #901H - OWB - PWP1												Offset Site Error:	3.0 usft
Survey Program: 0-Standard Keeper 104, 10279-MWD+IFR1+FDIR												Offset Well Error:	3.0 usft
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre		Distance		Minimum Separation (usft)	Separation Factor	Warning
							+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)			
1,800.0	1,799.5	1,792.0	1,792.0	5.4	3.8	-3.08	740.7	-691.1	997.4	987.7	9.70	102.825	
1,900.0	1,898.9	1,891.4	1,891.4	5.6	3.8	-3.11	740.7	-691.1	986.9	976.9	9.99	98.781	
2,000.0	1,998.4	1,990.9	1,990.9	5.9	3.9	-3.15	740.7	-691.1	976.5	966.2	10.31	94.739	
2,100.0	2,097.8	2,090.3	2,090.3	6.1	4.0	-3.18	740.7	-691.1	966.1	955.4	10.65	90.731	
2,200.0	2,197.3	2,189.8	2,189.8	6.4	4.1	-3.21	740.7	-691.1	955.6	944.6	11.01	86.798	
2,300.0	2,296.7	2,289.2	2,289.2	6.6	4.2	-3.25	740.7	-691.1	945.2	933.8	11.39	82.974	
2,400.0	2,396.2	2,388.7	2,388.7	6.9	4.3	-3.29	740.7	-691.1	934.7	923.0	11.79	79.280	
2,500.0	2,495.6	2,488.1	2,488.1	7.2	4.4	-3.32	740.7	-691.1	924.3	912.1	12.21	75.730	
2,600.0	2,595.1	2,612.1	2,612.0	7.5	4.5	-3.27	740.7	-688.9	912.7	900.1	12.60	72.412	
2,700.0	2,694.5	2,738.2	2,737.9	7.9	4.5	-2.96	740.7	-681.2	898.1	885.1	12.98	69.205	
2,800.0	2,794.0	2,839.2	2,838.5	8.2	4.5	-2.57	740.7	-672.4	881.8	868.4	13.39	65.868	
2,900.0	2,893.4	2,937.7	2,936.7	8.5	4.6	-2.18	740.7	-663.8	865.5	851.7	13.81	62.663	
3,000.0	2,992.9	3,036.2	3,034.8	8.9	4.6	-1.77	740.7	-655.3	849.3	835.1	14.25	59.601	
3,100.0	3,092.3	3,134.7	3,132.9	9.2	4.7	-1.34	740.7	-646.7	833.1	818.4	14.70	56.683	
3,200.0	3,191.8	3,233.2	3,231.0	9.6	4.7	-0.90	740.7	-638.1	817.0	801.8	15.16	53.906	
3,300.0	3,291.2	3,331.6	3,329.1	9.9	4.8	-0.44	740.7	-629.5	800.9	785.2	15.62	51.267	
3,400.0	3,390.7	3,430.1	3,427.2	10.3	4.8	0.03	740.7	-620.9	784.8	768.7	16.10	48.759	
3,500.0	3,490.1	3,528.6	3,525.3	10.6	4.9	0.53	740.7	-612.3	768.8	752.3	16.58	46.379	
3,600.0	3,589.6	3,627.1	3,623.4	11.0	4.9	1.05	740.7	-603.8	752.9	735.8	17.06	44.121	
3,700.0	3,689.0	3,725.6	3,721.6	11.4	5.0	1.59	740.7	-595.2	737.0	719.5	17.56	41.978	
3,800.0	3,788.5	3,824.1	3,819.7	11.7	5.1	2.15	740.7	-586.6	721.2	703.2	18.06	39.946	
3,900.0	3,887.9	3,922.6	3,917.8	12.1	5.1	2.74	740.7	-578.0	705.5	687.0	18.56	38.018	
4,000.0	3,987.4	4,021.1	4,015.9	12.5	5.2	3.36	740.7	-569.4	689.9	670.8	19.06	36.189	
4,100.0	4,086.9	4,119.5	4,114.0	12.9	5.3	4.00	740.7	-560.8	674.3	654.7	19.57	34.455	
4,185.6	4,172.0	4,203.9	4,198.0	13.2	5.3	4.58	740.7	-553.5	661.0	641.0	19.99	33.061	
4,200.0	4,186.3	4,218.0	4,212.1	13.2	5.4	4.67	740.7	-552.3	658.8	638.8	20.06	32.844	
4,300.0	4,285.9	4,316.7	4,310.4	13.6	5.4	5.36	740.7	-543.7	644.6	624.0	20.58	31.312	
4,400.0	4,385.6	4,415.6	4,408.9	14.0	5.5	6.06	740.7	-535.0	632.1	611.0	21.06	30.008	
4,500.0	4,485.4	4,514.7	4,507.7	14.3	5.6	6.77	740.7	-526.4	621.4	599.9	21.52	28.879	
4,600.0	4,585.3	4,614.0	4,606.6	14.6	5.7	7.48	740.7	-517.7	612.6	590.7	21.94	27.921	
4,700.0	4,685.3	4,713.5	4,705.7	14.9	5.8	8.19	740.7	-509.1	605.6	583.3	22.32	27.137	
4,785.6	4,770.9	4,798.7	4,790.6	15.0	5.8	-31.20	740.7	-501.6	601.1	578.6	22.49	26.725	
4,800.0	4,785.3	4,813.1	4,804.9	15.0	5.8	-31.10	740.7	-500.4	600.4	577.9	22.50	26.691	
4,900.0	4,885.3	4,912.7	4,904.1	15.1	5.9	-30.39	740.7	-491.7	596.0	573.4	22.60	26.366	
5,000.0	4,985.3	5,012.3	5,003.4	15.2	6.0	-29.66	740.7	-483.0	591.6	568.9	22.69	26.075	
5,100.0	5,085.3	5,111.9	5,102.6	15.2	6.1	-28.92	740.7	-474.3	587.3	564.6	22.77	25.793	
5,200.0	5,185.3	5,211.5	5,201.9	15.3	6.2	-28.18	740.7	-465.7	583.1	560.3	22.85	25.517	
5,300.0	5,285.3	5,311.2	5,301.1	15.3	6.3	-27.42	740.7	-457.0	579.1	556.1	22.93	25.249	
5,400.0	5,385.3	5,410.8	5,400.3	15.4	6.4	-26.65	740.7	-448.3	575.1	552.1	23.01	24.988	
5,500.0	5,485.3	5,510.4	5,499.6	15.5	6.5	-25.87	740.7	-439.6	571.2	548.1	23.09	24.735	
5,600.0	5,585.3	5,610.0	5,598.8	15.5	6.6	-25.08	740.7	-430.9	567.5	544.3	23.17	24.489	
5,700.0	5,685.3	5,709.6	5,698.1	15.6	6.7	-24.28	740.7	-422.2	563.8	540.6	23.25	24.250	
5,800.0	5,785.3	5,809.3	5,797.3	15.7	6.8	-23.47	740.7	-413.6	560.3	537.0	23.33	24.019	
5,900.0	5,885.3	5,908.9	5,896.5	15.7	6.9	-22.65	740.7	-404.9	556.9	533.5	23.40	23.795	
6,000.0	5,985.3	6,008.5	5,995.8	15.8	7.0	-21.82	740.7	-396.2	553.5	530.1	23.48	23.578	
6,100.0	6,085.3	6,108.1	6,095.0	15.8	7.1	-20.98	740.7	-387.5	550.4	526.8	23.55	23.369	
6,200.0	6,185.3	6,207.7	6,194.3	15.9	7.2	-20.13	740.7	-378.8	547.3	523.7	23.62	23.166	
6,300.0	6,285.3	6,307.4	6,293.5	16.0	7.3	-19.27	740.7	-370.2	544.3	520.6	23.70	22.971	
6,400.0	6,385.3	6,407.0	6,392.7	16.0	7.4	-18.41	740.7	-361.5	541.5	517.7	23.77	22.783	
6,500.0	6,485.3	6,506.6	6,492.0	16.1	7.5	-17.53	740.7	-352.8	538.8	515.0	23.84	22.602	
6,600.0	6,585.3	6,606.2	6,591.2	16.2	7.6	-16.65	740.7	-344.1	536.2	512.3	23.91	22.429	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well TATER SALAD FEDERAL COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	RKB=25ft @ 2939.0usft
Reference Site:	TATER SALAD & MOMBA FEDERAL (ATLAS 2628)	MD Reference:	RKB=25ft @ 2939.0usft
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	TATER SALAD FEDERAL COM #701H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 17 Central Planning Prod
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

Offset Design: TATER SALAD & MOMBA FEDERAL (ATLAS 2628) - MOMBA FEDERAL COM #901H - OWB - PWP1												Offset Site Error:	3.0 usft
Survey Program: 0-Standard Keeper 104, 10279-MWD+IFR1+FDIR												Offset Well Error:	3.0 usft
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre		Distance Between Centres (usft)		Minimum Separation (usft)	Separation Factor	Warning
							+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)			
6,700.0	6,685.3	6,705.8	6,690.5	16.2	7.7	-15.75	740.7	-335.4	533.8	509.8	23.98	22.262	
6,800.0	6,785.3	6,805.5	6,789.7	16.3	7.9	-14.85	740.7	-326.7	531.5	507.4	24.05	22.102	
6,900.0	6,885.3	6,905.1	6,888.9	16.3	8.0	-13.94	740.7	-318.1	529.3	505.2	24.12	21.949	
7,000.0	6,985.3	7,004.7	6,988.2	16.4	8.1	-13.03	740.7	-309.4	527.3	503.1	24.18	21.802	
7,100.0	7,085.3	7,104.3	7,087.4	16.5	8.2	-12.10	740.7	-300.7	525.4	501.1	24.25	21.662	
7,200.0	7,185.3	7,203.9	7,186.7	16.5	8.3	-11.17	740.7	-292.0	523.6	499.3	24.32	21.529	
7,300.0	7,285.3	7,303.5	7,285.9	16.6	8.4	-10.24	740.7	-283.3	522.0	497.6	24.39	21.402	
7,400.0	7,385.3	7,403.2	7,385.1	16.7	8.5	-9.30	740.7	-274.6	520.5	496.0	24.46	21.281	
7,500.0	7,485.3	7,502.8	7,484.4	16.7	8.6	-8.35	740.7	-266.0	519.2	494.6	24.53	21.166	
7,600.0	7,585.3	7,602.4	7,583.6	16.8	8.8	-7.40	740.7	-257.3	518.0	493.4	24.60	21.058	
7,700.0	7,685.3	7,702.0	7,682.9	16.9	8.9	-6.45	740.7	-248.6	516.9	492.2	24.67	20.955	
7,800.0	7,785.3	7,801.6	7,782.1	16.9	9.0	-5.49	740.7	-239.9	516.0	491.3	24.74	20.858	
7,900.0	7,885.3	7,901.3	7,881.3	17.0	9.1	-4.53	740.7	-231.2	515.2	490.4	24.81	20.766	
8,000.0	7,985.3	8,000.9	7,980.6	17.0	9.2	-3.57	740.7	-222.6	514.6	489.7	24.88	20.680	
8,100.0	8,085.3	8,100.5	8,079.8	17.1	9.3	-2.60	740.7	-213.9	514.1	489.2	24.96	20.600	
8,200.0	8,185.3	8,200.1	8,179.1	17.2	9.4	-1.63	740.7	-205.2	513.8	488.8	25.03	20.524	
8,300.0	8,285.3	8,299.7	8,278.3	17.2	9.6	-0.66	740.7	-196.5	513.6	488.5	25.11	20.454	
8,368.6	8,353.9	8,368.1	8,346.4	17.3	9.6	0.00	740.7	-190.6	513.6	488.4	25.17	20.408	
8,400.0	8,385.3	8,399.4	8,377.5	17.3	9.7	0.30	740.7	-187.8	513.6	488.4	25.19	20.388	
8,500.0	8,485.3	8,499.0	8,476.8	17.4	9.8	1.27	740.7	-179.1	513.7	488.5	25.27	20.327	
8,600.0	8,585.3	8,598.6	8,576.0	17.4	9.9	2.24	740.7	-170.5	514.0	488.6	25.36	20.270	
8,700.0	8,685.3	8,698.2	8,675.3	17.5	10.0	3.21	740.7	-161.8	514.4	489.0	25.44	20.218	
8,800.0	8,785.3	8,797.8	8,774.5	17.6	10.1	4.17	740.7	-153.1	515.0	489.5	25.53	20.170	
8,900.0	8,885.3	8,897.5	8,873.8	17.6	10.3	5.13	740.7	-144.4	515.7	490.1	25.62	20.125	
9,000.0	8,985.3	8,997.1	8,973.0	17.7	10.4	6.09	740.7	-135.7	516.5	490.8	25.72	20.085	
9,100.0	9,085.3	9,096.7	9,072.2	17.8	10.5	7.05	740.7	-127.0	517.6	491.7	25.81	20.049	
9,200.0	9,185.3	9,196.3	9,171.5	17.8	10.6	8.00	740.7	-118.4	518.7	492.8	25.91	20.016	
9,300.0	9,285.3	9,295.9	9,270.7	17.9	10.7	8.95	740.7	-109.7	520.0	494.0	26.02	19.983	
9,304.3	9,289.6	9,300.2	9,274.9	17.9	10.8	8.99	740.7	-109.3	520.0	494.0	26.03	19.982	
9,325.0	9,310.3	9,320.8	9,295.5	17.9	10.8	9.26	740.7	-107.5	519.9	494.1	25.82	20.136	
9,350.0	9,335.2	9,345.7	9,320.3	17.9	10.8	9.56	740.7	-105.3	518.5	492.7	25.83	20.073	
9,375.0	9,360.0	9,370.4	9,344.9	17.9	10.8	9.90	740.7	-103.2	515.9	490.0	25.85	19.961	
9,400.0	9,384.6	9,394.9	9,369.3	17.9	10.9	10.31	740.7	-101.1	512.0	486.1	25.86	19.799	
9,425.0	9,409.0	9,419.2	9,393.5	17.9	10.9	10.78	740.7	-98.9	506.8	481.0	25.87	19.589	
9,450.0	9,433.0	9,443.1	9,417.3	18.0	10.9	11.32	740.7	-96.9	500.5	474.6	25.89	19.332	
9,475.0	9,456.7	9,466.7	9,440.8	18.0	11.0	11.94	740.7	-94.8	492.9	467.0	25.90	19.029	
9,500.0	9,479.9	9,489.8	9,463.8	18.0	11.0	12.65	740.7	-92.8	484.1	458.2	25.91	18.681	
9,525.0	9,502.5	9,512.3	9,486.3	18.0	11.0	13.48	740.7	-90.8	474.2	448.3	25.93	18.290	
9,550.0	9,524.6	9,534.3	9,508.2	18.0	11.0	14.42	740.7	-88.9	463.2	437.2	25.94	17.856	
9,575.0	9,546.0	9,555.7	9,529.4	18.0	11.1	15.52	740.7	-87.0	451.0	425.1	25.95	17.383	
9,600.0	9,566.7	9,576.3	9,550.0	18.0	11.1	16.78	740.7	-85.2	437.9	411.9	25.95	16.872	
9,625.0	9,586.7	9,596.2	9,569.8	18.1	11.1	18.24	740.7	-83.5	423.8	397.8	25.96	16.325	
9,650.0	9,605.9	9,615.3	9,588.8	18.1	11.1	19.94	740.7	-81.9	408.7	382.7	25.96	15.744	
9,675.0	9,624.1	9,633.5	9,607.0	18.1	11.2	21.93	740.7	-80.3	392.7	366.8	25.95	15.132	
9,700.0	9,641.5	9,650.8	9,624.2	18.1	11.2	24.24	740.7	-78.8	376.0	350.0	25.94	14.492	
9,725.0	9,657.9	9,667.1	9,640.5	18.1	11.2	26.95	740.7	-77.3	358.5	332.6	25.93	13.826	
9,750.0	9,673.3	9,682.5	9,655.8	18.1	11.2	30.12	740.7	-76.0	340.3	314.4	25.91	13.137	
9,775.0	9,687.6	9,696.7	9,670.0	18.2	11.2	33.80	740.7	-74.7	321.6	295.7	25.87	12.429	
9,800.0	9,700.9	9,709.9	9,683.1	18.2	11.3	38.05	740.7	-73.6	302.4	276.6	25.83	11.705	
9,825.0	9,713.0	9,722.0	9,695.2	18.2	11.3	42.89	740.7	-72.5	282.8	257.1	25.78	10.970	
9,850.0	9,724.0	9,732.9	9,706.0	18.2	11.3	48.27	740.7	-71.6	263.1	237.3	25.72	10.227	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well TATER SALAD FEDERAL COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	RKB=25ft @ 2939.0usft
Reference Site:	TATER SALAD & MOMBA FEDERAL (ATLAS 2628)	MD Reference:	RKB=25ft @ 2939.0usft
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	TATER SALAD FEDERAL COM #701H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 17 Central Planning Prod
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

Offset Design: TATER SALAD & MOMBA FEDERAL (ATLAS 2628) - MOMBA FEDERAL COM #901H - OWB - PWP1												Offset Site Error:	3.0 usft
Survey Program: 0-Standard Keeper 104, 10279-MWD+IFR1+FDIR												Offset Well Error:	3.0 usft
Reference	Offset	Semi Major Axis		Rule Assigned:		Distance		Minimum Separation		Separation	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)			
9,875.0	9,733.8	9,742.7	9,715.7	18.2	11.3	54.09	740.7	-70.7	243.2	217.6	25.66	9.481	
9,900.0	9,742.3	9,751.2	9,724.2	18.3	11.3	60.12	740.7	-70.0	223.6	198.0	25.58	8.739	
9,925.0	9,749.6	9,758.5	9,731.5	18.3	11.3	66.08	740.7	-69.4	204.3	178.8	25.51	8.008	
9,950.0	9,755.7	9,764.5	9,737.5	18.3	11.3	71.62	740.7	-68.8	185.8	160.3	25.46	7.296	
9,975.0	9,760.5	9,769.3	9,742.2	18.3	11.3	76.45	740.7	-68.4	168.5	143.0	25.46	6.617	
10,000.0	9,763.9	9,772.7	9,745.7	18.3	11.3	80.35	740.7	-68.1	152.9	127.3	25.55	5.984	
10,025.0	9,766.1	9,774.9	9,747.8	18.4	11.3	83.17	740.7	-67.9	139.8	114.0	25.79	5.421	
10,050.3	9,767.0	9,775.8	9,748.7	18.4	11.3	84.85	740.7	-67.9	130.1	103.8	26.25	4.954	
10,090.2	9,767.3	9,776.1	9,749.0	18.4	11.3	85.00	740.7	-67.8	123.8	96.4	27.34	4.528 CC, ES	
10,100.0	9,767.4	9,776.2	9,749.1	18.4	11.3	85.04	740.7	-67.8	124.2	96.5	27.63	4.495 SF	
10,200.0	9,768.2	9,777.0	9,749.9	18.5	11.3	85.42	740.7	-67.8	165.5	136.3	29.17	5.672	
10,300.0	9,769.1	9,777.8	9,750.8	18.6	11.3	85.79	740.7	-67.7	243.6	214.6	29.03	8.393	
10,400.0	9,769.9	9,778.6	9,751.6	18.8	11.3	86.17	740.7	-67.6	333.6	304.9	28.74	11.608	
10,500.0	9,770.7	9,779.4	9,752.4	18.9	11.3	86.55	740.7	-67.5	428.1	399.6	28.54	15.000	
10,600.0	9,771.6	9,780.3	9,753.2	19.1	11.3	86.93	740.7	-67.5	524.6	496.2	28.41	18.467	
10,700.0	9,772.4	9,781.1	9,754.0	19.3	11.3	87.30	740.7	-67.4	622.2	593.9	28.32	21.968	
10,800.0	9,773.2	9,781.9	9,754.8	19.6	11.3	87.68	740.7	-67.3	720.5	692.2	28.27	25.484	
10,900.0	9,774.1	9,782.7	9,755.6	19.9	11.3	88.06	740.7	-67.3	819.2	791.0	28.24	29.005	
11,000.0	9,774.9	9,783.5	9,756.4	20.2	11.3	88.44	740.7	-67.2	918.2	889.9	28.23	32.523	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well TATER SALAD FEDERAL COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	RKB=25ft @ 2939.0usft
Reference Site:	TATER SALAD & MOMBA FEDERAL (ATLAS 2628)	MD Reference:	RKB=25ft @ 2939.0usft
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	TATER SALAD FEDERAL COM #701H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 17 Central Planning Prod
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

Offset Design: TATER SALAD & MOMBA FEDERAL (ATLAS 2628) - MOMBA FEDERAL COM #902H - OWB - PWP2												Offset Site Error:	3.0 usft
Survey Program: 0-Standard Keeper 104, 10198-MWD+IFR1+FDIR												Offset Well Error:	3.0 usft
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre		Distance Between Centres (usft)		Minimum Separation (usft)	Separation Factor	Warning
							+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)			
2,000.0	1,998.4	1,990.8	1,990.8	5.9	3.9	-4.42	740.5	-721.0	997.0	986.7	10.29	96.907	
2,100.0	2,097.8	2,090.2	2,090.2	6.1	4.0	-4.46	740.5	-721.0	986.6	976.0	10.63	92.833	
2,200.0	2,197.3	2,189.7	2,189.7	6.4	4.1	-4.51	740.5	-721.0	976.2	965.2	10.99	88.835	
2,300.0	2,296.7	2,289.1	2,289.1	6.6	4.2	-4.56	740.5	-721.0	965.8	954.4	11.37	84.946	
2,400.0	2,396.2	2,388.6	2,388.6	6.9	4.3	-4.61	740.5	-721.0	955.3	943.6	11.77	81.188	
2,500.0	2,495.6	2,488.0	2,488.0	7.2	4.4	-4.66	740.5	-721.0	944.9	932.7	12.18	77.576	
2,600.0	2,595.1	2,587.5	2,587.5	7.5	4.5	-4.71	740.5	-721.0	934.5	921.9	12.61	74.119	
2,700.0	2,694.5	2,686.9	2,686.9	7.9	4.6	-4.76	740.5	-721.0	924.1	911.0	13.05	70.822	
2,800.0	2,794.0	2,786.4	2,786.4	8.2	4.7	-4.82	740.5	-721.0	913.7	900.2	13.50	67.683	
2,900.0	2,893.4	2,885.8	2,885.8	8.5	4.8	-4.87	740.5	-721.0	903.3	889.3	13.96	64.702	
3,000.0	2,992.9	2,985.3	2,985.3	8.9	4.9	-4.93	740.5	-721.0	892.8	878.4	14.43	61.872	
3,100.0	3,092.3	3,084.7	3,084.7	9.2	5.0	-4.99	740.5	-721.0	882.4	867.5	14.91	59.189	
3,200.0	3,191.8	3,184.2	3,184.2	9.6	5.1	-5.05	740.5	-721.0	872.0	856.6	15.39	56.646	
3,300.0	3,291.2	3,283.6	3,283.6	9.9	5.2	-5.11	740.5	-721.0	861.6	845.7	15.89	54.237	
3,400.0	3,390.7	3,383.1	3,383.1	10.3	5.3	-5.17	740.5	-721.0	851.2	834.8	16.38	51.953	
3,500.0	3,490.1	3,482.5	3,482.5	10.6	5.4	-5.24	740.5	-721.0	840.8	823.9	16.89	49.789	
3,600.0	3,589.6	3,582.0	3,582.0	11.0	5.5	-5.30	740.5	-721.0	830.4	813.0	17.39	47.737	
3,700.0	3,689.0	3,681.4	3,681.4	11.4	5.6	-5.37	740.5	-721.0	820.0	802.1	17.91	45.790	
3,800.0	3,788.5	3,780.9	3,780.9	11.7	5.7	-5.44	740.5	-721.0	809.6	791.1	18.42	43.943	
3,900.0	3,887.9	3,880.3	3,880.3	12.1	5.9	-5.51	740.5	-721.0	799.2	780.2	18.94	42.188	
4,000.0	3,987.4	3,979.8	3,979.8	12.5	6.0	-5.58	740.5	-721.0	788.8	769.3	19.47	40.520	
4,100.0	4,086.9	4,079.3	4,079.3	12.9	6.1	-5.66	740.5	-721.0	778.3	758.4	19.99	38.933	
4,185.6	4,172.0	4,164.4	4,164.4	13.2	6.2	-5.72	740.5	-721.0	769.4	749.0	20.43	37.659	
4,200.0	4,186.3	4,178.7	4,178.7	13.2	6.2	-5.73	740.5	-721.0	768.0	747.5	20.50	37.462	
4,300.0	4,285.9	4,278.3	4,278.3	13.6	6.3	-5.80	740.5	-721.0	758.7	737.6	21.05	36.050	
4,400.0	4,385.6	4,378.0	4,378.0	14.0	6.4	-5.85	740.5	-721.0	751.1	729.6	21.55	34.859	
4,500.0	4,485.4	4,477.8	4,477.8	14.3	6.5	-5.89	740.5	-721.0	745.3	723.3	22.03	33.834	
4,600.0	4,585.3	4,577.7	4,577.7	14.6	6.7	-5.91	740.5	-721.0	741.2	718.7	22.48	32.973	
4,700.0	4,685.3	4,677.7	4,677.7	14.9	6.8	-5.93	740.5	-721.0	738.9	716.0	22.89	32.283	
4,785.6	4,770.9	4,763.3	4,763.3	15.0	6.9	-45.94	740.5	-721.0	738.2	715.1	23.09	31.969	
4,800.0	4,785.3	4,777.7	4,777.7	15.0	6.9	-45.94	740.5	-721.0	738.2	715.1	23.10	31.956	
4,900.0	4,885.3	4,877.7	4,877.7	15.1	7.0	-45.94	740.5	-721.0	738.2	715.0	23.25	31.755	
5,000.0	4,985.3	4,977.7	4,977.7	15.2	7.1	-45.94	740.5	-721.0	738.2	714.8	23.37	31.587	
5,100.0	5,085.3	5,077.7	5,077.7	15.2	7.3	-45.94	740.5	-721.0	738.2	714.7	23.50	31.420	
5,200.0	5,185.3	5,177.7	5,177.7	15.3	7.4	-45.94	740.5	-721.0	738.2	714.6	23.62	31.254	
5,300.0	5,285.3	5,277.7	5,277.7	15.3	7.5	-45.94	740.5	-721.0	738.2	714.5	23.75	31.088	
5,400.0	5,385.3	5,377.7	5,377.7	15.4	7.6	-45.94	740.5	-721.0	738.2	714.3	23.87	30.923	
5,500.0	5,485.3	5,477.7	5,477.7	15.5	7.7	-45.94	740.5	-721.0	738.2	714.2	24.00	30.759	
5,600.0	5,585.3	5,582.4	5,582.4	15.5	7.9	-45.85	741.1	-720.0	738.0	713.9	24.11	30.604	
5,700.0	5,685.3	5,688.3	5,688.1	15.6	7.9	-45.47	743.9	-715.8	736.9	712.7	24.22	30.429	
5,800.0	5,785.3	5,788.8	5,788.4	15.7	8.0	-44.93	747.7	-709.9	735.5	711.1	24.34	30.218	
5,900.0	5,885.3	5,888.5	5,887.9	15.7	8.1	-44.39	751.5	-704.0	734.0	709.6	24.46	30.010	
6,000.0	5,985.3	5,988.3	5,987.4	15.8	8.2	-43.86	755.4	-698.1	732.7	708.1	24.58	29.806	
6,100.0	6,085.3	6,088.0	6,086.9	15.8	8.3	-43.32	759.2	-692.3	731.4	706.7	24.70	29.606	
6,200.0	6,185.3	6,187.8	6,186.4	15.9	8.4	-42.77	763.0	-686.4	730.2	705.3	24.83	29.411	
6,300.0	6,285.3	6,287.5	6,285.9	16.0	8.5	-42.23	766.9	-680.5	729.0	704.1	24.95	29.220	
6,400.0	6,385.3	6,387.3	6,385.4	16.0	8.5	-41.68	770.7	-674.6	727.9	702.8	25.07	29.034	
6,500.0	6,485.3	6,487.0	6,484.9	16.1	8.6	-41.14	774.5	-668.7	726.9	701.7	25.19	28.852	
6,600.0	6,585.3	6,586.8	6,584.4	16.2	8.7	-40.59	778.3	-662.8	725.9	700.6	25.32	28.674	
6,700.0	6,685.3	6,686.5	6,683.9	16.2	8.8	-40.04	782.2	-656.9	725.0	699.6	25.44	28.500	
6,800.0	6,785.3	6,786.3	6,783.4	16.3	8.9	-39.49	786.0	-651.1	724.2	698.6	25.56	28.330	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well TATER SALAD FEDERAL COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	RKB=25ft @ 2939.0usft
Reference Site:	TATER SALAD & MOMBA FEDERAL (ATLAS 2628)	MD Reference:	RKB=25ft @ 2939.0usft
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	TATER SALAD FEDERAL COM #701H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 17 Central Planning Prod
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

Offset Design: TATER SALAD & MOMBA FEDERAL (ATLAS 2628) - MOMBA FEDERAL COM #902H - OWB - PWP2													Offset Site Error:	3.0 usft
Survey Program: 0-Standard Keeper 104, 10198-MWD+IFR1+FDIR													Offset Well Error:	3.0 usft
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre		Distance Between Centres (usft)		Minimum Separation (usft)	Separation Factor	Warning	
							+N/-S (usft)	+E/-W (usft)						
6,900.0	6,885.3	6,886.0	6,882.9	16.3	9.0	-38.93	789.8	-645.2	723.4	697.8	25.69	28.165		
7,000.0	6,985.3	6,985.8	6,982.4	16.4	9.1	-38.38	793.6	-639.3	722.8	696.9	25.81	28.003		
7,100.0	7,085.3	7,085.5	7,081.9	16.5	9.2	-37.83	797.5	-633.4	722.1	696.2	25.93	27.846		
7,200.0	7,185.3	7,185.3	7,181.4	16.5	9.3	-37.27	801.3	-627.5	721.6	695.5	26.06	27.692		
7,300.0	7,285.3	7,285.0	7,280.9	16.6	9.4	-36.71	805.1	-621.6	721.1	694.9	26.18	27.542		
7,400.0	7,385.3	7,384.8	7,380.5	16.7	9.5	-36.16	809.0	-615.7	720.7	694.4	26.31	27.396		
7,500.0	7,485.3	7,484.5	7,480.0	16.7	9.6	-35.60	812.8	-609.9	720.3	693.9	26.43	27.254		
7,600.0	7,585.3	7,584.3	7,579.5	16.8	9.7	-35.04	816.6	-604.0	720.0	693.5	26.55	27.115		
7,700.0	7,685.3	7,684.0	7,679.0	16.9	9.8	-34.48	820.4	-598.1	719.8	693.2	26.68	26.980		
7,800.0	7,785.3	7,783.8	7,778.5	16.9	9.9	-33.92	824.3	-592.2	719.7	692.9	26.81	26.849		
7,900.0	7,885.3	7,883.6	7,878.0	17.0	10.0	-33.37	828.1	-586.3	719.6	692.7	26.93	26.720		
7,958.0	7,943.3	7,941.4	7,935.7	17.0	10.1	-33.04	830.3	-582.9	719.6	692.6	27.00	26.648		
8,000.0	7,985.3	7,983.3	7,977.5	17.0	10.1	-32.81	831.9	-580.4	719.6	692.6	27.06	26.596		
8,100.0	8,085.3	8,083.1	8,077.0	17.1	10.2	-32.25	835.8	-574.6	719.7	692.5	27.18	26.474		
8,200.0	8,185.3	8,182.8	8,176.5	17.2	10.3	-31.69	839.6	-568.7	719.8	692.5	27.31	26.356		
8,300.0	8,285.3	8,282.6	8,276.0	17.2	10.4	-31.13	843.4	-562.8	720.0	692.6	27.44	26.241		
8,400.0	8,385.3	8,382.3	8,375.5	17.3	10.5	-30.57	847.2	-556.9	720.3	692.7	27.57	26.129		
8,500.0	8,485.3	8,482.1	8,475.0	17.4	10.6	-30.01	851.1	-551.0	720.6	692.9	27.69	26.020		
8,600.0	8,585.3	8,581.8	8,574.5	17.4	10.7	-29.46	854.9	-545.1	721.0	693.2	27.82	25.915		
8,700.0	8,685.3	8,681.6	8,674.0	17.5	10.8	-28.90	858.7	-539.2	721.5	693.5	27.95	25.812		
8,800.0	8,785.3	8,781.3	8,773.5	17.6	10.9	-28.34	862.6	-533.4	722.0	694.0	28.08	25.712		
8,900.0	8,885.3	8,881.1	8,873.0	17.6	11.1	-27.79	866.4	-527.5	722.7	694.4	28.21	25.615		
9,000.0	8,985.3	8,980.8	8,972.5	17.7	11.2	-27.24	870.2	-521.6	723.3	695.0	28.34	25.520		
9,100.0	9,085.3	9,080.6	9,072.0	17.8	11.3	-26.68	874.0	-515.7	724.1	695.6	28.47	25.429		
9,200.0	9,185.3	9,180.3	9,171.5	17.8	11.4	-26.13	877.9	-509.8	724.9	696.3	28.61	25.340		
9,300.0	9,285.3	9,280.1	9,271.0	17.9	11.5	-25.58	881.7	-503.9	725.8	697.0	28.74	25.251		
9,304.3	9,289.6	9,284.3	9,275.3	17.9	11.5	-25.56	881.9	-503.7	725.8	697.1	28.75	25.247		
9,325.0	9,310.3	9,305.0	9,295.9	17.9	11.5	-25.40	882.6	-502.5	725.6	697.1	28.55	25.418		
9,350.0	9,335.2	9,330.0	9,320.8	17.9	11.5	-25.39	883.6	-501.0	724.3	695.7	28.57	25.352		
9,375.0	9,360.0	9,354.8	9,345.6	17.9	11.6	-25.49	884.6	-499.5	721.7	693.2	28.59	25.244		
9,400.0	9,384.6	9,379.6	9,370.3	17.9	11.6	-25.69	885.5	-498.1	718.1	689.4	28.61	25.095		
9,425.0	9,409.0	9,404.1	9,394.7	17.9	11.6	-26.01	886.4	-496.6	713.2	684.6	28.64	24.905		
9,450.0	9,433.0	9,428.3	9,418.9	18.0	11.7	-26.44	887.4	-495.2	707.2	678.6	28.66	24.674		
9,475.0	9,456.7	9,452.2	9,442.7	18.0	11.7	-27.00	888.3	-493.8	700.1	671.4	28.69	24.404		
9,500.0	9,479.9	9,475.7	9,466.2	18.0	11.7	-27.69	889.2	-492.4	691.9	663.2	28.71	24.096		
9,525.0	9,502.5	9,498.7	9,489.1	18.0	11.7	-28.52	890.1	-491.0	682.6	653.8	28.74	23.750		
9,550.0	9,524.6	9,521.2	9,511.5	18.0	11.8	-29.52	890.9	-489.7	672.2	643.5	28.76	23.370		
9,575.0	9,546.0	9,543.0	9,533.3	18.0	11.8	-30.68	891.8	-488.4	660.9	632.1	28.79	22.955		
9,600.0	9,566.7	9,564.2	9,554.5	18.0	11.8	-32.04	892.6	-487.2	648.6	619.8	28.81	22.509		
9,625.0	9,586.7	9,584.7	9,574.9	18.1	11.8	-33.61	893.4	-486.0	635.4	606.5	28.84	22.033		
9,650.0	9,605.9	9,604.4	9,594.6	18.1	11.9	-35.42	894.1	-484.8	621.3	592.4	28.86	21.530		
9,675.0	9,624.1	9,623.3	9,613.4	18.1	11.9	-37.49	894.9	-483.7	606.4	577.5	28.87	21.001		
9,700.0	9,641.5	9,641.3	9,631.4	18.1	11.9	-39.84	895.6	-482.6	590.8	561.9	28.89	20.450		
9,725.0	9,657.9	9,658.4	9,648.5	18.1	11.9	-42.49	896.2	-481.6	574.5	545.6	28.90	19.880		
9,750.0	9,673.3	9,674.5	9,664.5	18.1	11.9	-45.47	896.8	-480.7	557.6	528.7	28.90	19.292		
9,775.0	9,687.6	9,689.6	9,679.6	18.2	11.9	-48.79	897.4	-479.8	540.2	511.3	28.90	18.692		
9,800.0	9,700.9	9,703.7	9,693.6	18.2	12.0	-52.44	897.9	-478.9	522.4	493.5	28.89	18.082		
9,825.0	9,713.0	9,716.6	9,706.5	18.2	12.0	-56.39	898.4	-478.2	504.3	475.4	28.87	17.465		
9,850.0	9,724.0	9,728.4	9,718.2	18.2	12.0	-60.60	898.9	-477.5	485.9	457.1	28.85	16.846		
9,875.0	9,733.8	9,739.0	9,728.8	18.2	12.0	-64.98	899.3	-476.9	467.5	438.7	28.80	16.230		
9,900.0	9,742.3	9,748.5	9,738.3	18.3	12.0	-69.45	899.7	-476.3	449.1	420.3	28.75	15.619		

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well TATER SALAD FEDERAL COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	RKB=25ft @ 2939.0usft
Reference Site:	TATER SALAD & MOMBA FEDERAL (ATLAS 2628)	MD Reference:	RKB=25ft @ 2939.0usft
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	TATER SALAD FEDERAL COM #701H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 17 Central Planning Prod
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

Offset Design: TATER SALAD & MOMBA FEDERAL (ATLAS 2628) - MOMBA FEDERAL COM #902H - OWB - PWP2												Offset Site Error:	3.0 usft
Survey Program: 0-Standard Keeper 104, 10198-MWD+IFR1+FDIR												Offset Well Error:	3.0 usft
Reference	Offset	Semi Major Axis		Rule Assigned:		Distance		Minimum		Separation	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)		Factor	
9,925.0	9,749.6	9,756.7	9,746.4	18.3	12.0	-73.87	900.0	-475.8	430.8	402.1	28.68	15.021	
9,950.0	9,755.7	9,763.6	9,753.4	18.3	12.0	-78.13	900.2	-475.4	412.8	384.2	28.59	14.439	
9,975.0	9,760.5	9,769.3	9,759.1	18.3	12.0	-82.11	900.5	-475.1	395.3	366.8	28.48	13.880	
10,000.0	9,763.9	9,773.8	9,763.5	18.3	12.0	-85.70	900.6	-474.8	378.4	350.1	28.34	13.350	
10,025.0	9,766.1	9,776.9	9,766.6	18.4	12.0	-88.84	900.8	-474.6	362.3	334.1	28.19	12.855	
10,050.3	9,767.0	9,778.7	9,768.5	18.4	12.0	-91.50	900.8	-474.5	347.1	319.1	28.00	12.397	
10,100.0	9,767.4	9,781.1	9,770.8	18.4	12.1	-91.96	900.9	-474.4	321.0	293.4	27.57	11.640	
10,200.0	9,768.2	9,785.7	9,775.4	18.5	12.1	-92.90	901.1	-474.1	287.7	261.1	26.61	10.813	
10,251.4	9,768.7	9,788.1	9,777.8	18.6	12.1	-93.39	901.2	-474.0	283.1	256.9	26.23	10.795 CC, ES, SF	
10,300.0	9,769.1	9,790.4	9,780.1	18.6	12.1	-93.85	901.3	-473.8	287.2	261.2	26.04	11.030	
10,400.0	9,769.9	9,795.0	9,784.7	18.8	12.1	-94.79	901.5	-473.5	319.7	293.4	26.25	12.176	
10,500.0	9,770.7	9,799.7	9,789.4	18.9	12.1	-95.73	901.6	-473.3	376.6	349.8	26.84	14.031	
10,600.0	9,771.6	9,804.3	9,794.0	19.1	12.1	-96.67	901.8	-473.0	448.8	421.4	27.40	16.377	
10,700.0	9,772.4	9,809.0	9,798.7	19.3	12.1	-97.61	902.0	-472.7	530.1	502.2	27.85	19.035	
10,800.0	9,773.2	9,813.7	9,803.3	19.6	12.1	-98.54	902.2	-472.4	616.8	588.7	28.18	21.889	
10,900.0	9,774.1	9,818.3	9,807.9	19.9	12.1	-99.47	902.3	-472.2	707.1	678.6	28.44	24.865	
11,000.0	9,774.9	9,823.0	9,812.6	20.2	12.1	-100.40	902.5	-471.9	799.6	771.0	28.64	27.920	
11,100.0	9,775.7	9,827.6	9,817.2	20.6	12.1	-101.33	902.7	-471.6	893.7	864.9	28.81	31.026	
11,200.0	9,776.5	9,832.3	9,821.9	21.0	12.1	-102.25	902.9	-471.3	989.0	960.0	28.95	34.164	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well TATER SALAD FEDERAL COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	RKB=25ft @ 2939.0usft
Reference Site:	TATER SALAD & MOMBA FEDERAL (ATLAS 2628)	MD Reference:	RKB=25ft @ 2939.0usft
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	TATER SALAD FEDERAL COM #701H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 17 Central Planning Prod
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

Offset Design: TATER SALAD & MOMBA FEDERAL (ATLAS 2628) - MOMBA FEDERAL COM #903H - OWB - PWP2												Offset Site Error:	3.0 usft
Survey Program: 0-Standard Keeper 104, 10195-MWD+IFR1+FDIR												Offset Well Error:	3.0 usft
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre		Distance Between Centres (usft)		Minimum Separation (usft)	Separation Factor	Warning
							+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)			
2,200.0	2,197.3	2,189.3	2,189.3	6.4	4.1	-5.75	740.3	-751.0	997.3	986.3	10.97	90.930	
2,300.0	2,296.7	2,288.7	2,288.7	6.6	4.2	-5.81	740.3	-751.0	986.9	975.6	11.35	86.975	
2,400.0	2,396.2	2,388.2	2,388.2	6.9	4.3	-5.88	740.3	-751.0	976.5	964.8	11.74	83.153	
2,500.0	2,495.6	2,487.6	2,487.6	7.2	4.4	-5.94	740.3	-751.0	966.1	953.9	12.16	79.479	
2,600.0	2,595.1	2,587.1	2,587.1	7.5	4.5	-6.01	740.3	-751.0	955.7	943.1	12.58	75.962	
2,700.0	2,694.5	2,686.5	2,686.5	7.9	4.6	-6.07	740.3	-751.0	945.3	932.3	13.02	72.606	
2,800.0	2,794.0	2,786.0	2,786.0	8.2	4.7	-6.14	740.3	-751.0	934.9	921.4	13.47	69.412	
2,900.0	2,893.4	2,885.4	2,885.4	8.5	4.8	-6.21	740.3	-751.0	924.5	910.6	13.93	66.377	
3,000.0	2,992.9	2,984.9	2,984.9	8.9	4.9	-6.28	740.3	-751.0	914.1	899.7	14.40	63.496	
3,100.0	3,092.3	3,084.3	3,084.3	9.2	5.0	-6.35	740.3	-751.0	903.7	888.9	14.87	60.765	
3,200.0	3,191.8	3,183.8	3,183.8	9.6	5.1	-6.43	740.3	-751.0	893.4	878.0	15.36	58.176	
3,300.0	3,291.2	3,283.2	3,283.2	9.9	5.2	-6.50	740.3	-751.0	883.0	867.1	15.85	55.722	
3,400.0	3,390.7	3,382.7	3,382.7	10.3	5.3	-6.58	740.3	-751.0	872.6	856.2	16.34	53.397	
3,500.0	3,490.1	3,482.1	3,482.1	10.6	5.4	-6.66	740.3	-751.0	862.2	845.4	16.84	51.193	
3,600.0	3,589.6	3,581.6	3,581.6	11.0	5.5	-6.74	740.3	-751.0	851.8	834.5	17.35	49.103	
3,700.0	3,689.0	3,681.0	3,681.0	11.4	5.6	-6.82	740.3	-751.0	841.4	823.6	17.86	47.120	
3,800.0	3,788.5	3,780.5	3,780.5	11.7	5.7	-6.91	740.3	-751.0	831.1	812.7	18.37	45.238	
3,900.0	3,887.9	3,879.9	3,879.9	12.1	5.9	-7.00	740.3	-751.0	820.7	801.8	18.89	43.451	
4,000.0	3,987.4	3,979.4	3,979.4	12.5	6.0	-7.09	740.3	-751.0	810.3	790.9	19.41	41.752	
4,100.0	4,086.9	4,078.9	4,078.9	12.9	6.1	-7.18	740.3	-751.0	799.9	780.0	19.93	40.136	
4,185.6	4,172.0	4,164.0	4,164.0	13.2	6.2	-7.26	740.3	-751.0	791.1	770.7	20.37	38.838	
4,200.0	4,186.3	4,178.3	4,178.3	13.2	6.2	-7.27	740.3	-751.0	789.6	769.1	20.44	38.638	
4,300.0	4,285.9	4,277.9	4,277.9	13.6	6.3	-7.35	740.3	-751.0	780.3	759.3	20.98	37.197	
4,400.0	4,385.6	4,377.6	4,377.6	14.0	6.4	-7.41	740.3	-751.0	772.8	751.3	21.48	35.982	
4,500.0	4,485.4	4,477.4	4,477.4	14.3	6.5	-7.46	740.3	-751.0	767.0	745.0	21.95	34.935	
4,600.0	4,585.3	4,577.3	4,577.3	14.6	6.7	-7.49	740.3	-751.0	762.9	740.5	22.40	34.053	
4,700.0	4,685.3	4,677.3	4,677.3	14.9	6.8	-7.51	740.3	-751.0	760.6	737.8	22.81	33.344	
4,785.6	4,770.9	4,762.9	4,762.9	15.0	6.9	-7.52	740.3	-751.0	759.9	736.9	23.01	33.023	
4,800.0	4,785.3	4,777.3	4,777.3	15.0	6.9	-7.52	740.3	-751.0	759.9	736.9	23.02	33.009	
4,900.0	4,885.3	4,877.3	4,877.3	15.1	7.0	-7.52	740.3	-751.0	759.9	736.8	23.17	32.802	
5,000.0	4,985.3	4,977.3	4,977.3	15.2	7.1	-7.52	740.3	-751.0	759.9	736.6	23.29	32.630	
5,100.0	5,085.3	5,077.3	5,077.3	15.2	7.3	-7.52	740.3	-751.0	759.9	736.5	23.41	32.458	
5,200.0	5,185.3	5,177.3	5,177.3	15.3	7.4	-7.52	740.3	-751.0	759.9	736.4	23.54	32.287	
5,300.0	5,285.3	5,277.3	5,277.3	15.3	7.5	-7.52	740.3	-751.0	759.9	736.3	23.66	32.117	
5,400.0	5,385.3	5,377.3	5,377.3	15.4	7.6	-7.52	740.3	-751.0	759.9	736.1	23.79	31.947	
5,500.0	5,485.3	5,477.3	5,477.3	15.5	7.7	-7.52	740.3	-751.0	759.9	736.0	23.91	31.779 CC, ES	
5,600.0	5,585.3	5,562.6	5,562.5	15.5	7.8	-7.54	740.5	-751.7	760.7	736.6	24.05	31.624	
5,700.0	5,685.3	5,643.4	5,643.3	15.6	7.9	-7.64	741.2	-754.5	763.9	739.7	24.19	31.572 SF	
5,800.0	5,785.3	5,724.0	5,723.8	15.7	7.9	-7.82	742.6	-759.5	769.6	745.2	24.32	31.638	
5,900.0	5,885.3	5,817.4	5,816.8	15.7	8.0	-48.09	744.6	-767.2	777.2	752.8	24.44	31.797	
6,000.0	5,985.3	5,917.0	5,916.1	15.8	8.0	-48.38	746.9	-775.6	785.0	760.4	24.56	31.961	
6,100.0	6,085.3	6,016.6	6,015.3	15.8	8.1	-48.66	749.1	-784.0	792.8	768.1	24.68	32.122	
6,200.0	6,185.3	6,116.3	6,114.6	15.9	8.2	-48.94	751.4	-792.4	800.6	775.8	24.80	32.282	
6,300.0	6,285.3	6,215.9	6,213.8	16.0	8.2	-49.21	753.6	-800.8	808.5	783.5	24.92	32.439	
6,400.0	6,385.3	6,315.5	6,313.0	16.0	8.3	-49.48	755.9	-809.1	816.3	791.3	25.05	32.594	
6,500.0	6,485.3	6,415.1	6,412.3	16.1	8.4	-49.74	758.1	-817.5	824.2	799.0	25.17	32.747	
6,600.0	6,585.3	6,514.7	6,511.5	16.2	8.4	-49.99	760.4	-825.9	832.1	806.8	25.29	32.898	
6,700.0	6,685.3	6,614.4	6,610.8	16.2	8.5	-50.24	762.6	-834.3	840.0	814.6	25.42	33.046	
6,800.0	6,785.3	6,714.0	6,710.0	16.3	8.6	-50.49	764.9	-842.7	847.9	822.4	25.55	33.193	
6,900.0	6,885.3	6,813.6	6,809.2	16.3	8.7	-50.73	767.1	-851.1	855.9	830.2	25.67	33.337	
7,000.0	6,985.3	6,913.2	6,908.5	16.4	8.7	-50.97	769.4	-859.5	863.8	838.0	25.80	33.479	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well TATER SALAD FEDERAL COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	RKB=25ft @ 2939.0usft
Reference Site:	TATER SALAD & MOMBA FEDERAL (ATLAS 2628)	MD Reference:	RKB=25ft @ 2939.0usft
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	TATER SALAD FEDERAL COM #701H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 17 Central Planning Prod
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

Offset Design: TATER SALAD & MOMBA FEDERAL (ATLAS 2628) - MOMBA FEDERAL COM #903H - OWB - PWP2												Offset Site Error:	3.0 usft
Survey Program: 0-Standard Keeper 104, 10195-MWD+IFR1+FDIR												Offset Well Error:	3.0 usft
Reference	Offset	Semi Major Axis		Rule Assigned:		Warning							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre		Distance Between Centres (usft)		Minimum Separation (usft)	Separation Factor	
							+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)			
7,100.0	7,085.3	7,012.8	7,007.7	16.5	8.8	-51.20	771.6	-867.8	871.8	845.9	25.93	33.619	
7,200.0	7,185.3	7,112.5	7,107.0	16.5	8.9	-51.43	773.9	-876.2	879.8	853.7	26.06	33.757	
7,300.0	7,285.3	7,212.1	7,206.2	16.6	9.0	-51.66	776.1	-884.6	887.8	861.6	26.19	33.893	
7,400.0	7,385.3	7,311.7	7,305.4	16.7	9.1	-51.88	778.3	-893.0	895.8	869.5	26.33	34.026	
7,500.0	7,485.3	7,411.3	7,404.7	16.7	9.1	-52.09	780.6	-901.4	903.8	877.4	26.46	34.157	
7,600.0	7,585.3	7,510.9	7,503.9	16.8	9.2	-52.31	782.8	-909.8	911.9	885.3	26.60	34.287	
7,700.0	7,685.3	7,610.6	7,603.2	16.9	9.3	-52.52	785.1	-918.2	919.9	893.2	26.73	34.414	
7,800.0	7,785.3	7,710.2	7,702.4	16.9	9.4	-52.72	787.3	-926.5	928.0	901.1	26.87	34.539	
7,900.0	7,885.3	7,809.8	7,801.6	17.0	9.5	-52.92	789.6	-934.9	936.1	909.1	27.01	34.661	
8,000.0	7,985.3	7,909.4	7,900.9	17.0	9.6	-53.12	791.8	-943.3	944.2	917.0	27.14	34.782	
8,100.0	8,085.3	8,009.0	8,000.1	17.1	9.7	-53.32	794.1	-951.7	952.3	925.0	27.28	34.901	
8,200.0	8,185.3	8,108.7	8,099.4	17.2	9.8	-53.51	796.3	-960.1	960.4	932.9	27.42	35.018	
8,300.0	8,285.3	8,208.3	8,198.6	17.2	9.9	-53.70	798.6	-968.5	968.5	940.9	27.57	35.133	
8,400.0	8,385.3	8,307.9	8,297.8	17.3	9.9	-53.88	800.8	-976.9	976.6	948.9	27.71	35.245	
8,500.0	8,485.3	8,407.5	8,397.1	17.4	10.0	-54.07	803.1	-985.3	984.8	956.9	27.85	35.356	
8,600.0	8,585.3	8,507.1	8,496.3	17.4	10.1	-54.25	805.3	-993.6	992.9	964.9	28.00	35.465	
9,725.0	9,657.9	9,579.6	9,564.7	18.1	11.2	-69.20	829.5	-1,083.9	994.4	965.9	28.47	34.931	
9,750.0	9,673.3	9,595.4	9,580.4	18.1	11.2	-70.74	829.9	-1,085.3	987.4	959.0	28.39	34.784	
9,775.0	9,687.6	9,610.1	9,595.1	18.2	11.2	-72.29	830.2	-1,086.5	980.3	952.0	28.30	34.644	
9,800.0	9,700.9	9,623.8	9,608.8	18.2	11.3	-73.82	830.5	-1,087.7	973.2	945.0	28.20	34.512	
9,825.0	9,713.0	9,636.4	9,621.3	18.2	11.3	-75.33	830.8	-1,088.7	966.1	938.0	28.09	34.391	
9,850.0	9,724.0	9,647.8	9,632.7	18.2	11.3	-76.79	831.0	-1,089.7	959.2	931.3	27.98	34.284	
9,875.0	9,733.8	9,658.1	9,642.9	18.2	11.3	-78.18	831.3	-1,090.5	952.5	924.7	27.86	34.190	
9,900.0	9,742.3	9,667.1	9,651.9	18.3	11.3	-79.49	831.5	-1,091.3	946.1	918.3	27.73	34.114	
9,925.0	9,749.6	9,675.0	9,659.7	18.3	11.3	-80.71	831.7	-1,092.0	939.9	912.3	27.60	34.054	
9,950.0	9,755.7	9,681.5	9,666.3	18.3	11.3	-81.81	831.8	-1,092.5	934.1	906.7	27.46	34.014	
9,975.0	9,760.5	9,686.9	9,671.6	18.3	11.3	-82.79	831.9	-1,093.0	928.8	901.4	27.32	33.993	
10,000.0	9,763.9	9,690.9	9,675.6	18.3	11.3	-83.64	832.0	-1,093.3	923.8	896.7	27.18	33.993	
10,025.0	9,766.1	9,693.6	9,678.3	18.4	11.3	-84.35	832.1	-1,093.5	919.4	892.4	27.03	34.012	
10,050.3	9,767.0	9,695.1	9,679.8	18.4	11.3	-84.91	832.1	-1,093.7	915.5	888.6	26.88	34.053	
10,100.0	9,767.4	9,696.6	9,681.3	18.4	11.3	-85.01	832.1	-1,093.8	909.7	883.1	26.60	34.195	
10,182.3	9,768.1	9,699.2	9,683.8	18.5	11.3	-85.17	832.2	-1,094.0	906.0	879.8	26.19	34.594	
10,200.0	9,768.2	9,699.7	9,684.4	18.5	11.3	-85.20	832.2	-1,094.0	906.1	880.0	26.10	34.713	
10,300.0	9,769.1	9,702.8	9,687.4	18.6	11.3	-85.40	832.3	-1,094.3	913.6	887.8	25.71	35.533	
10,400.0	9,769.9	9,705.9	9,690.5	18.8	11.3	-85.60	832.4	-1,094.6	931.7	906.3	25.45	36.606	
10,500.0	9,770.7	9,709.0	9,693.6	18.9	11.4	-85.79	832.4	-1,094.8	960.0	934.6	25.34	37.887	
10,600.0	9,771.6	9,712.1	9,696.7	19.1	11.4	-85.99	832.5	-1,095.1	997.5	972.2	25.35	39.343	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well TATER SALAD FEDERAL COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	RKB=25ft @ 2939.0usft
Reference Site:	TATER SALAD & MOMBA FEDERAL (ATLAS 2628)	MD Reference:	RKB=25ft @ 2939.0usft
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	TATER SALAD FEDERAL COM #701H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 17 Central Planning Prod
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

Offset Design: TATER SALAD & MOMBA FEDERAL (ATLAS 2628) - TATER SALAD FEDERAL COM #702H - OWB - PWP2												Offset Site Error:	3.0 usft
Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1, 9163-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 +N/-S (usft)	+E/-W (usft)	Distance Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.0	0.0	0.0	0.0	3.0	3.0	-90.19	-0.1	-30.0	30.0				
100.0	100.0	100.0	100.0	3.1	3.1	-90.19	-0.1	-30.0	30.0	22.9	7.09	4.231	
200.0	200.0	200.0	200.0	3.2	3.2	-90.19	-0.1	-30.0	30.0	22.7	7.33	4.093	
300.0	300.0	300.0	300.0	3.3	3.3	-90.19	-0.1	-30.0	30.0	22.4	7.56	3.968	
400.0	400.0	400.0	400.0	3.4	3.4	-90.19	-0.1	-30.0	30.0	22.2	7.78	3.854	
500.0	500.0	500.0	500.0	3.6	3.6	-90.19	-0.1	-30.0	30.0	22.0	8.00	3.751	
600.0	600.0	600.0	600.0	3.7	3.7	-90.19	-0.1	-30.0	30.0	21.8	8.21	3.655	
700.0	700.0	700.0	700.0	3.8	3.8	-90.19	-0.1	-30.0	30.0	21.6	8.41	3.567	
800.0	800.0	800.0	800.0	3.9	3.9	-90.19	-0.1	-30.0	30.0	21.4	8.61	3.485	
900.0	900.0	900.0	900.0	4.0	4.0	-90.19	-0.1	-30.0	30.0	21.2	8.80	3.409	
1,000.0	1,000.0	1,000.0	1,000.0	4.2	4.2	-90.19	-0.1	-30.0	30.0	21.0	8.99	3.337	
1,100.0	1,100.0	1,100.0	1,100.0	4.3	4.3	-90.19	-0.1	-30.0	30.0	20.8	9.17	3.271	
1,200.0	1,200.0	1,200.0	1,200.0	4.4	4.4	-90.19	-0.1	-30.0	30.0	20.6	9.35	3.208	
1,300.0	1,300.0	1,300.0	1,300.0	4.5	4.5	-90.19	-0.1	-30.0	30.0	20.5	9.53	3.149	
1,400.0	1,400.0	1,400.0	1,400.0	4.6	4.6	-90.19	-0.1	-30.0	30.0	20.3	9.70	3.093	
1,500.0	1,500.0	1,500.0	1,500.0	4.8	4.8	-90.19	-0.1	-30.0	30.0	20.1	9.87	3.040 CC, ES, SF	
1,600.0	1,600.0	1,599.0	1,599.0	4.9	4.9	-51.83	0.3	-31.7	30.6	20.7	9.83	3.108	
1,700.0	1,699.8	1,697.9	1,697.8	5.2	5.0	-56.38	1.7	-36.6	32.4	22.1	10.27	3.155	
1,800.0	1,799.5	1,796.7	1,796.2	5.4	5.3	-62.84	3.9	-44.8	35.8	25.2	10.67	3.357	
1,900.0	1,898.9	1,895.3	1,894.1	5.6	5.6	-67.79	6.9	-56.3	41.9	30.8	11.05	3.789	
2,000.0	1,998.4	1,993.6	1,991.2	5.9	5.9	-69.18	10.9	-71.0	51.0	39.5	11.45	4.449	
2,100.0	2,097.8	2,092.0	2,087.9	6.1	6.1	-68.52	15.6	-88.6	62.6	50.8	11.78	5.316	
2,200.0	2,197.3	2,191.3	2,185.3	6.4	6.4	-67.82	20.5	-106.9	74.7	62.5	12.21	6.123	
2,300.0	2,296.7	2,290.5	2,282.8	6.6	6.7	-67.32	25.4	-125.2	86.9	74.2	12.66	6.863	
2,400.0	2,396.2	2,389.8	2,380.2	6.9	7.0	-66.94	30.3	-143.5	99.0	85.9	13.13	7.542	
2,500.0	2,495.6	2,489.1	2,477.6	7.2	7.3	-66.65	35.2	-161.8	111.1	97.5	13.61	8.166	
2,600.0	2,595.1	2,588.3	2,575.1	7.5	7.7	-66.41	40.1	-180.1	123.3	109.2	14.11	8.738	
2,700.0	2,694.5	2,687.6	2,672.5	7.9	8.1	-66.21	45.0	-198.4	135.4	120.8	14.62	9.263	
2,800.0	2,794.0	2,786.8	2,769.9	8.2	8.4	-66.05	49.9	-216.6	147.6	132.4	15.14	9.746	
2,900.0	2,893.4	2,886.1	2,867.4	8.5	8.8	-65.91	54.8	-234.9	159.7	144.1	15.68	10.190	
3,000.0	2,992.9	2,985.4	2,964.8	8.9	9.2	-65.79	59.7	-253.2	171.9	155.7	16.22	10.599	
3,100.0	3,092.3	3,084.6	3,062.2	9.2	9.6	-65.69	64.6	-271.5	184.0	167.3	16.77	10.976	
3,200.0	3,191.8	3,183.9	3,159.7	9.6	10.0	-65.60	69.5	-289.8	196.2	178.9	17.32	11.325	
3,300.0	3,291.2	3,283.1	3,257.1	9.9	10.4	-65.52	74.4	-308.1	208.3	190.4	17.89	11.648	
3,400.0	3,390.7	3,382.4	3,354.5	10.3	10.8	-65.45	79.3	-326.4	220.5	202.0	18.45	11.947	
3,500.0	3,490.1	3,481.7	3,452.0	10.6	11.2	-65.38	84.2	-344.7	232.6	213.6	19.03	12.225	
3,600.0	3,589.6	3,580.9	3,549.4	11.0	11.6	-65.33	89.1	-363.0	244.8	225.2	19.61	12.483	
3,700.0	3,689.0	3,680.2	3,646.8	11.4	12.1	-65.27	94.0	-381.3	256.9	236.7	20.19	12.724	
3,800.0	3,788.5	3,779.4	3,744.3	11.7	12.5	-65.23	98.9	-399.6	269.1	248.3	20.78	12.949	
3,900.0	3,887.9	3,878.7	3,841.7	12.1	12.9	-65.18	103.8	-417.9	281.2	259.9	21.37	13.159	
4,000.0	3,987.4	3,977.9	3,939.1	12.5	13.3	-65.14	108.7	-436.2	293.4	271.4	21.97	13.356	
4,100.0	4,086.9	4,077.2	4,036.6	12.9	13.8	-65.11	113.6	-454.5	305.5	283.0	22.56	13.540	
4,185.6	4,172.0	4,162.2	4,120.0	13.2	14.1	-65.08	117.8	-470.1	315.9	292.9	23.07	13.696	
4,200.0	4,166.3	4,176.5	4,134.0	13.2	14.2	-65.09	118.5	-472.8	317.7	294.5	23.15	13.724	
4,300.0	4,285.9	4,275.7	4,231.4	13.6	14.6	-64.99	123.4	-491.0	330.3	306.5	23.80	13.880	
4,400.0	4,385.6	4,374.7	4,328.6	14.0	15.1	-64.66	128.3	-509.3	343.7	319.2	24.46	14.050	
4,500.0	4,485.4	4,473.6	4,425.7	14.3	15.5	-64.11	133.2	-527.5	357.8	332.7	25.16	14.222	
4,600.0	4,585.3	4,572.3	4,522.6	14.6	16.0	-63.38	138.1	-545.7	372.8	346.9	25.89	14.398	
4,700.0	4,685.3	4,670.9	4,619.3	14.9	16.4	-62.49	143.0	-563.9	388.6	362.0	26.65	14.583	
4,785.6	4,770.9	4,755.0	4,701.9	15.0	16.8	-101.62	147.1	-579.4	402.9	375.6	27.29	14.765	
4,800.0	4,785.3	4,769.1	4,715.8	15.0	16.8	-101.45	147.8	-582.0	405.4	378.0	27.39	14.801	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well TATER SALAD FEDERAL COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	RKB=25ft @ 2939.0usft
Reference Site:	TATER SALAD & MOMBA FEDERAL (ATLAS 2628)	MD Reference:	RKB=25ft @ 2939.0usft
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	TATER SALAD FEDERAL COM #701H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 17 Central Planning Prod
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

Offset Design: TATER SALAD & MOMBA FEDERAL (ATLAS 2628) - TATER SALAD FEDERAL COM #702H - OWB - PWP2												Offset Site Error:	3.0 usft
Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1, 9163-r.5 MWD+IFR1+MS												Offset Well Error:	3.0 usft
Reference	Offset	Semi Major Axis	Highside	Offset Wellbore Centre		Distance		Minimum	Separation	Warning			
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Toolface (°)	+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Separation (usft)	Factor	
4,900.0	4,885.3	4,867.3	4,812.1	15.1	17.3	-100.30	152.7	-600.1	422.6	394.5	28.14	15.017	
5,000.0	4,985.3	4,965.4	4,908.5	15.2	17.7	-99.24	157.5	-618.2	440.0	411.1	28.87	15.243	
5,100.0	5,085.3	5,063.6	5,004.9	15.2	18.2	-98.26	162.3	-636.3	457.5	427.9	29.58	15.467	
5,200.0	5,185.3	5,161.8	5,101.2	15.3	18.6	-97.36	167.2	-654.4	475.2	444.9	30.29	15.688	
5,300.0	5,285.3	5,259.9	5,197.6	15.3	19.0	-96.52	172.0	-672.5	492.9	461.9	30.99	15.907	
5,400.0	5,385.3	5,358.1	5,293.9	15.4	19.5	-95.73	176.9	-690.5	510.7	479.1	31.68	16.122	
5,500.0	5,485.3	5,456.2	5,390.3	15.5	19.9	-95.00	181.7	-708.6	528.7	496.3	32.37	16.333	
5,600.0	5,585.3	5,554.4	5,486.7	15.5	20.4	-94.32	186.6	-726.7	546.7	513.6	33.05	16.541	
5,700.0	5,685.3	5,652.6	5,583.0	15.6	20.8	-93.68	191.4	-744.8	564.8	531.0	33.72	16.748	
5,800.0	5,785.3	5,758.9	5,687.5	15.7	21.3	-93.05	196.5	-763.8	582.4	547.9	34.43	16.915	
5,900.0	5,885.3	5,868.2	5,795.3	15.7	21.8	-92.50	201.3	-781.5	598.3	563.2	35.13	17.029	
6,000.0	5,985.3	5,978.2	5,904.1	15.8	22.2	-92.04	205.5	-797.2	612.5	576.6	35.80	17.106	
6,100.0	6,085.3	6,088.8	6,013.7	15.8	22.7	-91.65	209.2	-811.0	624.8	588.4	36.44	17.146	
6,200.0	6,185.3	6,199.9	6,124.2	15.9	23.2	-91.34	212.3	-822.8	635.3	598.3	37.04	17.153	
6,300.0	6,285.3	6,311.5	6,235.3	16.0	23.6	-91.08	214.9	-832.5	644.0	606.4	37.60	17.130	
6,400.0	6,385.3	6,423.4	6,346.9	16.0	24.0	-90.89	217.0	-840.2	650.9	612.8	38.11	17.080	
6,500.0	6,485.3	6,535.6	6,458.9	16.1	24.4	-90.75	218.5	-845.8	655.8	617.3	38.57	17.004	
6,600.0	6,585.3	6,647.9	6,571.2	16.2	24.7	-90.67	219.4	-849.3	658.9	620.0	38.96	16.912	
6,700.0	6,685.3	6,760.4	6,683.7	16.2	24.9	-90.63	219.8	-850.6	660.1	620.9	39.20	16.838	
6,800.0	6,785.3	6,862.0	6,785.3	16.3	25.0	-90.63	219.8	-850.6	660.1	620.8	39.30	16.799	
6,900.0	6,885.3	6,962.0	6,885.3	16.3	25.0	-90.63	219.8	-850.6	660.1	620.7	39.39	16.759	
7,000.0	6,985.3	7,062.0	6,985.3	16.4	25.1	-90.63	219.8	-850.6	660.1	620.6	39.48	16.719	
7,100.0	7,085.3	7,162.0	7,085.3	16.5	25.1	-90.63	219.8	-850.6	660.1	620.5	39.58	16.680	
7,200.0	7,185.3	7,262.0	7,185.3	16.5	25.1	-90.63	219.8	-850.6	660.1	620.5	39.67	16.640	
7,300.0	7,285.3	7,362.0	7,285.3	16.6	25.2	-90.63	219.8	-850.6	660.1	620.4	39.76	16.601	
7,400.0	7,385.3	7,462.0	7,385.3	16.7	25.2	-90.63	219.8	-850.6	660.1	620.3	39.86	16.561	
7,500.0	7,485.3	7,562.0	7,485.3	16.7	25.2	-90.63	219.8	-850.6	660.1	620.2	39.95	16.522	
7,600.0	7,585.3	7,662.0	7,585.3	16.8	25.3	-90.63	219.8	-850.6	660.1	620.1	40.05	16.482	
7,700.0	7,685.3	7,762.0	7,685.3	16.9	25.3	-90.63	219.8	-850.6	660.1	620.0	40.15	16.443	
7,800.0	7,785.3	7,862.0	7,785.3	16.9	25.3	-90.63	219.8	-850.6	660.1	619.9	40.24	16.403	
7,900.0	7,885.3	7,962.0	7,885.3	17.0	25.4	-90.63	219.8	-850.6	660.1	619.8	40.34	16.364	
8,000.0	7,985.3	8,062.0	7,985.3	17.0	25.4	-90.63	219.8	-850.6	660.1	619.7	40.44	16.325	
8,100.0	8,085.3	8,162.0	8,085.3	17.1	25.4	-90.63	219.8	-850.6	660.1	619.6	40.54	16.285	
8,200.0	8,185.3	8,262.0	8,185.3	17.2	25.5	-90.63	219.8	-850.6	660.1	619.5	40.63	16.246	
8,300.0	8,285.3	8,362.0	8,285.3	17.2	25.5	-90.63	219.8	-850.6	660.1	619.4	40.73	16.206	
8,400.0	8,385.3	8,462.0	8,385.3	17.3	25.5	-90.63	219.8	-850.6	660.1	619.3	40.83	16.167	
8,500.0	8,485.3	8,562.0	8,485.3	17.4	25.6	-90.63	219.8	-850.6	660.1	619.2	40.93	16.128	
8,600.0	8,585.3	8,662.0	8,585.3	17.4	25.6	-90.63	219.8	-850.6	660.1	619.1	41.03	16.089	
8,700.0	8,685.3	8,762.0	8,685.3	17.5	25.7	-90.63	219.8	-850.6	660.1	619.0	41.13	16.049	
8,800.0	8,785.3	8,862.0	8,785.3	17.6	25.7	-90.63	219.8	-850.6	660.1	618.9	41.23	16.010	
8,900.0	8,885.3	8,962.0	8,885.3	17.6	25.7	-90.63	219.8	-850.6	660.1	618.8	41.33	15.971	
9,000.0	8,985.3	9,062.0	8,985.3	17.7	25.8	-90.63	219.8	-850.6	660.1	618.7	41.43	15.932	
9,100.0	9,085.3	9,162.0	9,085.3	17.8	25.8	-90.63	219.8	-850.6	660.1	618.6	41.52	15.898	
9,179.9	9,165.2	9,242.2	9,165.2	17.8	25.8	-90.07	226.3	-850.6	660.1	618.5	41.58	15.877	
9,200.0	9,185.3	9,261.9	9,184.5	17.8	25.8	-89.75	229.9	-850.6	660.1	618.5	41.64	15.851	
9,300.0	9,285.3	9,353.9	9,272.2	17.9	25.8	-87.38	257.4	-850.7	660.9	618.8	42.15	15.683	
9,304.3	9,289.6	9,357.6	9,275.6	17.9	25.8	-87.25	258.8	-850.7	661.0	618.9	42.17	15.675	
9,325.0	9,310.3	9,375.0	9,291.4	17.9	25.8	-86.53	266.0	-850.7	661.5	619.4	42.16	15.690	
9,350.0	9,335.2	9,396.2	9,310.3	17.9	25.8	-85.74	275.5	-850.7	662.2	619.9	42.30	15.657	
9,375.0	9,360.0	9,416.8	9,328.3	17.9	25.8	-84.97	285.5	-850.7	663.0	620.6	42.42	15.630	
9,400.0	9,384.6	9,437.2	9,345.7	17.9	25.8	-84.21	296.2	-850.7	664.0	621.4	42.54	15.608	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well TATER SALAD FEDERAL COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	RKB=25ft @ 2939.0usft
Reference Site:	TATER SALAD & MOMBA FEDERAL (ATLAS 2628)	MD Reference:	RKB=25ft @ 2939.0usft
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	TATER SALAD FEDERAL COM #701H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 17 Central Planning Prod
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

Offset Design: TATER SALAD & MOMBA FEDERAL (ATLAS 2628) - TATER SALAD FEDERAL COM #702H - OWB - PWP2												Offset Site Error:	3.0 usft
Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1, 9163-r.5 MWD+IFR1+MS												Offset Well Error:	3.0 usft
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre		Distance Between Centres (usft)		Minimum Separation (usft)	Separation Factor	Warning
							+N/-S (usft)	+E/-W (usft)					
9,425.0	9,409.0	9,457.3	9,362.3	17.9	25.8	-83.47	307.5	-850.7	665.0	622.4	42.65	15.592	
9,450.0	9,433.0	9,477.1	9,378.3	18.0	25.8	-82.74	319.3	-850.7	666.1	623.4	42.75	15.581	
9,475.0	9,456.7	9,496.8	9,393.6	18.0	25.8	-82.03	331.6	-850.8	667.3	624.5	42.85	15.575	
9,500.0	9,479.9	9,516.2	9,408.2	18.0	25.8	-81.34	344.4	-850.8	668.6	625.7	42.93	15.573	
9,525.0	9,502.5	9,535.5	9,422.2	18.0	25.8	-80.66	357.7	-850.8	669.9	626.9	43.01	15.576	
9,550.0	9,524.6	9,554.6	9,435.5	18.0	25.9	-80.01	371.4	-850.8	671.2	628.2	43.08	15.582	
9,575.0	9,546.0	9,575.0	9,449.1	18.0	25.9	-79.34	386.6	-850.8	672.6	629.5	43.15	15.590	
9,600.0	9,566.7	9,592.3	9,460.1	18.0	25.9	-78.77	399.9	-850.8	674.0	630.8	43.19	15.605	
9,625.0	9,586.7	9,610.9	9,471.4	18.1	25.9	-78.19	414.7	-850.9	675.4	632.2	43.24	15.621	
9,650.0	9,605.9	9,629.4	9,482.1	18.1	25.9	-77.64	429.8	-850.9	676.8	633.5	43.27	15.639	
9,675.0	9,624.1	9,650.0	9,493.3	18.1	25.9	-77.06	447.1	-850.9	678.2	634.8	43.32	15.654	
9,700.0	9,641.5	9,666.1	9,501.4	18.1	25.9	-76.61	460.9	-850.9	679.5	636.2	43.33	15.681	
9,725.0	9,657.9	9,684.2	9,510.1	18.1	25.9	-76.13	476.9	-850.9	680.8	637.4	43.35	15.704	
9,750.0	9,673.3	9,700.0	9,517.2	18.1	25.9	-75.73	491.0	-850.9	682.0	638.7	43.35	15.735	
9,775.0	9,687.6	9,720.3	9,525.6	18.2	25.9	-75.28	509.5	-851.0	683.2	639.9	43.37	15.752	
9,800.0	9,700.9	9,738.2	9,532.3	18.2	25.9	-74.90	526.1	-851.0	684.3	641.0	43.38	15.777	
9,825.0	9,713.0	9,756.1	9,538.4	18.2	25.9	-74.55	542.9	-851.0	685.4	642.0	43.38	15.801	
9,850.0	9,724.0	9,775.0	9,544.1	18.2	26.0	-74.22	560.9	-851.0	686.4	643.0	43.38	15.821	
9,875.0	9,733.8	9,791.6	9,548.6	18.2	26.0	-73.95	576.9	-851.0	687.3	643.9	43.37	15.848	
9,900.0	9,742.3	9,809.3	9,552.7	18.3	26.0	-73.70	594.1	-851.1	688.0	644.7	43.36	15.869	
9,925.0	9,749.6	9,825.0	9,555.9	18.3	26.0	-73.49	609.5	-851.1	688.7	645.4	43.32	15.898	
9,950.0	9,755.7	9,844.6	9,559.1	18.3	26.0	-73.30	628.8	-851.1	689.3	646.0	43.33	15.909	
9,975.0	9,760.5	9,862.2	9,561.3	18.3	26.0	-73.15	646.3	-851.1	689.8	646.5	43.31	15.925	
10,000.0	9,763.9	9,879.8	9,562.8	18.3	26.0	-73.03	663.8	-851.1	690.2	646.9	43.30	15.940	
10,025.0	9,766.1	9,900.0	9,563.8	18.4	26.1	-72.95	684.0	-851.2	690.5	647.1	43.31	15.941	
10,050.3	9,767.0	9,917.5	9,564.1	18.4	26.1	-72.91	701.5	-851.2	690.6	647.3	43.29	15.951	
10,100.0	9,767.4	9,967.2	9,564.5	18.4	26.1	-72.91	751.2	-851.2	690.6	647.1	43.46	15.890	
10,200.0	9,768.2	10,067.2	9,565.3	18.5	26.3	-72.91	851.2	-851.4	690.6	646.7	43.84	15.753	
10,300.0	9,769.1	10,167.2	9,566.1	18.6	26.4	-72.91	951.2	-851.5	690.6	646.3	44.27	15.600	
10,400.0	9,769.9	10,267.2	9,566.9	18.8	26.6	-72.90	1,051.2	-851.6	690.6	645.9	44.74	15.434	
10,500.0	9,770.7	10,367.2	9,567.7	18.9	26.8	-72.90	1,151.2	-851.7	690.6	645.3	45.27	15.256	
10,600.0	9,771.6	10,467.2	9,568.5	19.1	27.0	-72.90	1,251.1	-851.8	690.6	644.8	45.83	15.068	
10,700.0	9,772.4	10,567.2	9,569.3	19.3	27.3	-72.90	1,351.1	-851.9	690.6	644.2	46.44	14.870	
10,800.0	9,773.2	10,667.2	9,570.1	19.6	27.5	-72.90	1,451.1	-852.1	690.6	643.5	47.09	14.665	
10,900.0	9,774.1	10,767.2	9,570.9	19.9	27.8	-72.90	1,551.1	-852.2	690.6	642.8	47.78	14.454	
11,000.0	9,774.9	10,867.2	9,571.8	20.2	28.1	-72.89	1,651.1	-852.3	690.6	642.1	48.51	14.237	
11,100.0	9,775.7	10,967.2	9,572.6	20.6	28.4	-72.89	1,751.1	-852.4	690.6	641.4	49.27	14.017	
11,200.0	9,776.5	11,067.2	9,573.4	21.0	28.7	-72.89	1,851.1	-852.5	690.6	640.6	50.07	13.794	
11,300.0	9,777.4	11,167.2	9,574.2	21.4	29.1	-72.89	1,951.1	-852.6	690.6	639.7	50.90	13.569	
11,400.0	9,778.2	11,267.2	9,575.0	21.9	29.5	-72.89	2,051.1	-852.8	690.6	638.9	51.76	13.344	
11,500.0	9,779.0	11,367.2	9,575.8	22.4	29.9	-72.89	2,151.1	-852.9	690.7	638.0	52.65	13.118	
11,600.0	9,779.9	11,467.2	9,576.6	22.9	30.3	-72.88	2,251.1	-853.0	690.7	637.1	53.57	12.894	
11,700.0	9,780.7	11,567.2	9,577.4	23.4	30.7	-72.88	2,351.1	-853.1	690.7	636.2	54.51	12.670	
11,800.0	9,781.5	11,667.2	9,578.2	23.9	31.1	-72.88	2,451.1	-853.2	690.7	635.2	55.48	12.449	
11,900.0	9,782.4	11,767.2	9,579.1	24.5	31.5	-72.88	2,551.1	-853.3	690.7	634.2	56.47	12.230	
12,000.0	9,783.2	11,867.2	9,579.9	25.1	32.0	-72.88	2,651.1	-853.5	690.7	633.2	57.49	12.014	
12,100.0	9,784.0	11,967.2	9,580.7	25.6	32.5	-72.88	2,751.1	-853.6	690.7	632.2	58.53	11.801	
12,200.0	9,784.8	12,067.2	9,581.5	26.2	33.0	-72.88	2,851.1	-853.7	690.7	631.1	59.58	11.592	
12,300.0	9,785.7	12,167.2	9,582.3	26.9	33.4	-72.87	2,951.1	-853.8	690.7	630.0	60.66	11.386	
12,400.0	9,786.5	12,267.2	9,583.1	27.5	33.9	-72.87	3,051.1	-853.9	690.7	628.9	61.76	11.184	
12,500.0	9,787.3	12,367.2	9,583.9	28.1	34.5	-72.87	3,151.1	-854.0	690.7	627.8	62.87	10.986	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well TATER SALAD FEDERAL COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	RKB=25ft @ 2939.0usft
Reference Site:	TATER SALAD & MOMBA FEDERAL (ATLAS 2628)	MD Reference:	RKB=25ft @ 2939.0usft
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	TATER SALAD FEDERAL COM #701H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 17 Central Planning Prod
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

Offset Design: TATER SALAD & MOMBA FEDERAL (ATLAS 2628) - TATER SALAD FEDERAL COM #702H - OWB - PWP2											Offset Site Error:	3.0 usft
Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1, 9163-r.5 MWD+IFR1+MS											Offset Well Error:	3.0 usft
Reference	Offset	Semi Major Axis		Offset Wellbore Centre		Distance		Minimum Separation		Separation Factor	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
12,600.0	9,788.2	12,467.2	9,584.7	28.7	35.0	-72.87	3,251.1	-854.2	690.7	626.7	64.00	10.793
12,700.0	9,789.0	12,567.2	9,585.5	29.4	35.5	-72.87	3,351.1	-854.3	690.7	625.6	65.14	10.603
12,800.0	9,789.8	12,667.2	9,586.3	30.0	36.1	-72.87	3,451.1	-854.4	690.7	624.4	66.30	10.418
12,900.0	9,790.7	12,767.2	9,587.2	30.7	36.6	-72.86	3,551.1	-854.5	690.7	623.2	67.48	10.237
13,000.0	9,791.5	12,867.2	9,588.0	31.3	37.2	-72.86	3,651.1	-854.6	690.7	622.1	68.66	10.060
13,100.0	9,792.3	12,967.2	9,588.8	32.0	37.7	-72.86	3,751.1	-854.7	690.7	620.9	69.86	9.887
13,200.0	9,793.2	13,067.2	9,589.6	32.7	38.3	-72.86	3,851.1	-854.8	690.7	619.7	71.07	9.719
13,300.0	9,794.0	13,167.2	9,590.4	33.3	38.9	-72.86	3,951.1	-855.0	690.7	618.5	72.29	9.555
13,400.0	9,794.8	13,267.2	9,591.2	34.0	39.5	-72.86	4,051.1	-855.1	690.8	617.2	73.53	9.395
13,500.0	9,795.6	13,367.2	9,592.0	34.7	40.0	-72.85	4,151.1	-855.2	690.8	616.0	74.77	9.238
13,600.0	9,796.5	13,467.2	9,592.8	35.4	40.6	-72.85	4,251.0	-855.3	690.8	614.7	76.02	9.086
13,700.0	9,797.3	13,567.2	9,593.6	36.1	41.2	-72.85	4,351.0	-855.4	690.8	613.5	77.28	8.938
13,800.0	9,798.1	13,667.2	9,594.4	36.8	41.9	-72.85	4,451.0	-855.5	690.8	612.2	78.55	8.794
13,900.0	9,799.0	13,767.2	9,595.3	37.5	42.5	-72.85	4,551.0	-855.7	690.8	610.9	79.83	8.653
14,000.0	9,799.8	13,867.2	9,596.1	38.2	43.1	-72.85	4,651.0	-855.8	690.8	609.7	81.12	8.516
14,100.0	9,800.6	13,967.2	9,596.9	38.9	43.7	-72.84	4,751.0	-855.9	690.8	608.4	82.41	8.382
14,200.0	9,801.5	14,067.2	9,597.7	39.6	44.3	-72.84	4,851.0	-856.0	690.8	607.1	83.72	8.252
14,300.0	9,802.3	14,167.2	9,598.5	40.3	45.0	-72.84	4,951.0	-856.1	690.8	605.8	85.03	8.125
14,400.0	9,803.1	14,267.2	9,599.3	41.0	45.6	-72.84	5,051.0	-856.2	690.8	604.5	86.34	8.001
14,500.0	9,803.9	14,367.2	9,600.1	41.7	46.2	-72.84	5,151.0	-856.4	690.8	603.1	87.66	7.880
14,600.0	9,804.8	14,467.2	9,600.9	42.4	46.9	-72.84	5,251.0	-856.5	690.8	601.8	88.99	7.763
14,700.0	9,805.6	14,567.2	9,601.7	43.1	47.5	-72.83	5,351.0	-856.6	690.8	600.5	90.32	7.648
14,800.0	9,806.4	14,667.2	9,602.5	43.8	48.2	-72.83	5,451.0	-856.7	690.8	599.2	91.66	7.537
14,900.0	9,807.3	14,767.2	9,603.4	44.5	48.8	-72.83	5,551.0	-856.8	690.8	597.8	93.00	7.428
15,000.0	9,808.1	14,867.2	9,604.2	45.2	49.5	-72.83	5,651.0	-856.9	690.8	596.5	94.35	7.322
15,100.0	9,808.9	14,967.2	9,605.0	46.0	50.2	-72.83	5,751.0	-857.1	690.8	595.1	95.71	7.218
15,200.0	9,809.8	15,067.2	9,605.8	46.7	50.8	-72.83	5,851.0	-857.2	690.8	593.8	97.07	7.117
15,300.0	9,810.6	15,167.2	9,606.6	47.4	51.5	-72.83	5,951.0	-857.3	690.9	592.4	98.43	7.019
15,400.0	9,811.4	15,267.2	9,607.4	48.1	52.2	-72.82	6,051.0	-857.4	690.9	591.1	99.80	6.923
15,500.0	9,812.3	15,367.2	9,608.2	48.9	52.8	-72.82	6,151.0	-857.5	690.9	589.7	101.17	6.829
15,600.0	9,813.1	15,467.2	9,609.0	49.6	53.5	-72.82	6,251.0	-857.6	690.9	588.3	102.54	6.737
15,700.0	9,813.9	15,567.2	9,609.8	50.3	54.2	-72.82	6,351.0	-857.8	690.9	587.0	103.92	6.648
15,800.0	9,814.7	15,667.2	9,610.6	51.0	54.8	-72.82	6,451.0	-857.9	690.9	585.6	105.30	6.561
15,900.0	9,815.6	15,767.2	9,611.5	51.8	55.5	-72.82	6,551.0	-858.0	690.9	584.2	106.69	6.476
16,000.0	9,816.4	15,867.2	9,612.3	52.5	56.2	-72.81	6,651.0	-858.1	690.9	582.8	108.08	6.393
16,100.0	9,817.2	15,967.2	9,613.1	53.2	56.9	-72.81	6,751.0	-858.2	690.9	581.4	109.47	6.311
16,200.0	9,818.1	16,067.2	9,613.9	54.0	57.6	-72.81	6,851.0	-858.3	690.9	580.0	110.86	6.232
16,300.0	9,818.9	16,167.2	9,614.7	54.7	58.3	-72.81	6,951.0	-858.4	690.9	578.6	112.26	6.154
16,400.0	9,819.7	16,267.2	9,615.5	55.4	59.0	-72.81	7,051.0	-858.6	690.9	577.2	113.66	6.079
16,500.0	9,820.6	16,367.2	9,616.3	56.2	59.7	-72.81	7,151.0	-858.7	690.9	575.8	115.07	6.004
16,600.0	9,821.4	16,467.2	9,617.1	56.9	60.3	-72.80	7,250.9	-858.8	690.9	574.4	116.47	5.932
16,700.0	9,822.2	16,567.2	9,617.9	57.6	61.0	-72.80	7,350.9	-858.9	690.9	573.0	117.88	5.861
16,800.0	9,823.0	16,667.2	9,618.7	58.4	61.7	-72.80	7,450.9	-859.0	690.9	571.6	119.29	5.792
16,900.0	9,823.9	16,767.2	9,619.6	59.1	62.4	-72.80	7,550.9	-859.1	690.9	570.2	120.71	5.724
17,000.0	9,824.7	16,867.2	9,620.4	59.8	63.1	-72.80	7,650.9	-859.3	690.9	568.8	122.12	5.658
17,100.0	9,825.5	16,967.2	9,621.2	60.6	63.8	-72.80	7,750.9	-859.4	690.9	567.4	123.54	5.593
17,200.0	9,826.4	17,067.2	9,622.0	61.3	64.5	-72.79	7,850.9	-859.5	690.9	566.0	124.96	5.529
17,300.0	9,827.2	17,167.2	9,622.8	62.1	65.2	-72.79	7,950.9	-859.6	691.0	564.6	126.38	5.467
17,400.0	9,828.0	17,267.2	9,623.6	62.8	66.0	-72.79	8,050.9	-859.7	691.0	563.2	127.81	5.406
17,500.0	9,828.9	17,367.2	9,624.4	63.5	66.7	-72.79	8,150.9	-859.8	691.0	561.7	129.24	5.347
17,600.0	9,829.7	17,467.2	9,625.2	64.3	67.4	-72.79	8,250.9	-860.0	691.0	560.3	130.66	5.288

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well TATER SALAD FEDERAL COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	RKB=25ft @ 2939.0usft
Reference Site:	TATER SALAD & MOMBA FEDERAL (ATLAS 2628)	MD Reference:	RKB=25ft @ 2939.0usft
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	TATER SALAD FEDERAL COM #701H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 17 Central Planning Prod
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

Offset Design: TATER SALAD & MOMBA FEDERAL (ATLAS 2628) - TATER SALAD FEDERAL COM #702H - OWB - PWP2											Offset Site Error:	3.0 usft
Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1, 9163-r.5 MWD+IFR1+MS											Offset Well Error:	3.0 usft
Reference	Offset	Semi Major Axis		Offset Wellbore Centre		Rule Assigned:		Distance		Minimum Separation	Separation Factor	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)		
17,700.0	9,830.5	17,567.2	9,626.0	65.0	68.1	-72.79	8,350.9	-860.1	691.0	558.9	132.09	5.231
17,800.0	9,831.3	17,667.2	9,626.8	65.8	68.8	-72.78	8,450.9	-860.2	691.0	557.5	133.53	5.175
17,900.0	9,832.2	17,767.2	9,627.7	66.5	69.5	-72.78	8,550.9	-860.3	691.0	556.0	134.96	5.120
18,000.0	9,833.0	17,867.2	9,628.5	67.3	70.2	-72.78	8,650.9	-860.4	691.0	554.6	136.39	5.066
18,100.0	9,833.8	17,967.2	9,629.3	68.0	70.9	-72.78	8,750.9	-860.5	691.0	553.2	137.83	5.013
18,200.0	9,834.7	18,067.2	9,630.1	68.7	71.6	-72.78	8,850.9	-860.7	691.0	551.7	139.27	4.962
18,300.0	9,835.5	18,167.2	9,630.9	69.5	72.4	-72.78	8,950.9	-860.8	691.0	550.3	140.71	4.911
18,400.0	9,836.3	18,267.2	9,631.7	70.2	73.1	-72.77	9,050.9	-860.9	691.0	548.9	142.15	4.861
18,500.0	9,837.2	18,367.2	9,632.5	71.0	73.8	-72.77	9,150.9	-861.0	691.0	547.4	143.59	4.812
18,600.0	9,838.0	18,467.2	9,633.3	71.7	74.5	-72.77	9,250.9	-861.1	691.0	546.0	145.04	4.764
18,700.0	9,838.8	18,567.2	9,634.1	72.5	75.2	-72.77	9,350.9	-861.2	691.0	544.5	146.48	4.718
18,800.0	9,839.7	18,667.2	9,634.9	73.2	76.0	-72.77	9,450.9	-861.4	691.0	543.1	147.93	4.671
18,900.0	9,840.5	18,767.2	9,635.8	74.0	76.7	-72.77	9,550.9	-861.5	691.0	541.7	149.38	4.626
19,000.0	9,841.3	18,867.2	9,636.6	74.7	77.4	-72.77	9,650.9	-861.6	691.0	540.2	150.82	4.582
19,100.0	9,842.1	18,967.2	9,637.4	75.5	78.1	-72.76	9,750.9	-861.7	691.0	538.8	152.27	4.538
19,200.0	9,843.0	19,067.2	9,638.2	76.2	78.8	-72.76	9,850.9	-861.8	691.1	537.3	153.73	4.495
19,300.0	9,843.8	19,167.2	9,639.0	77.0	79.6	-72.76	9,950.9	-861.9	691.1	535.9	155.18	4.453
19,400.0	9,844.6	19,267.2	9,639.8	77.7	80.3	-72.76	10,050.9	-862.1	691.1	534.4	156.63	4.412
19,500.0	9,845.5	19,367.2	9,640.6	78.5	81.0	-72.76	10,150.9	-862.2	691.1	533.0	158.09	4.371
19,600.0	9,846.3	19,467.2	9,641.4	79.2	81.7	-72.76	10,250.8	-862.3	691.1	531.5	159.54	4.332
19,700.0	9,847.1	19,567.2	9,642.2	80.0	82.5	-72.75	10,350.8	-862.4	691.1	530.1	161.00	4.292
19,796.1	9,847.9	19,663.2	9,643.0	80.7	83.2	-72.75	10,446.9	-862.5	691.1	528.7	162.40	4.256
19,800.0	9,848.0	19,667.2	9,643.0	80.7	83.2	-72.75	10,450.8	-862.5	691.1	528.6	162.45	4.254
19,900.0	9,848.8	19,767.2	9,643.9	81.5	83.9	-72.75	10,550.8	-862.6	691.1	527.2	163.91	4.216
19,901.2	9,848.8	19,768.4	9,643.9	81.5	83.9	-72.75	10,552.0	-862.6	691.1	527.2	163.93	4.216
19,926.1	9,849.0	19,784.5	9,644.0	81.7	84.0	-72.75	10,568.2	-862.7	691.1	526.9	164.24	4.208

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well TATER SALAD FEDERAL COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	RKB=25ft @ 2939.0usft
Reference Site:	TATER SALAD & MOMBA FEDERAL (ATLAS 2628)	MD Reference:	RKB=25ft @ 2939.0usft
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	TATER SALAD FEDERAL COM #701H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 17 Central Planning Prod
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

Offset Design: TATER SALAD & MOMBA FEDERAL (ATLAS 2628) - TATER SALAD FEDERAL COM #703H - OWB - PWP2													Offset Site Error: 3.0 usft		
Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1, 9432-r.5 MWD+IFR1+MS							Rule Assigned:							Offset Well Error: 3.0 usft	
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Distance		Minimum Separation (usft)	Separation Factor	Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)					
0.0	0.0	0.0	0.0	3.0	3.0	-90.29	-0.3	-60.0	60.0						
100.0	100.0	100.0	100.0	3.1	3.1	-90.29	-0.3	-60.0	60.0	52.9	7.09	8.462			
200.0	200.0	200.0	200.0	3.2	3.2	-90.29	-0.3	-60.0	60.0	52.7	7.33	8.186			
300.0	300.0	300.0	300.0	3.3	3.3	-90.29	-0.3	-60.0	60.0	52.4	7.56	7.936			
400.0	400.0	400.0	400.0	3.4	3.4	-90.29	-0.3	-60.0	60.0	52.2	7.78	7.709			
500.0	500.0	500.0	500.0	3.6	3.6	-90.29	-0.3	-60.0	60.0	52.0	8.00	7.501			
600.0	600.0	600.0	600.0	3.7	3.7	-90.29	-0.3	-60.0	60.0	51.8	8.21	7.310			
700.0	700.0	700.0	700.0	3.8	3.8	-90.29	-0.3	-60.0	60.0	51.6	8.41	7.134			
800.0	800.0	800.0	800.0	3.9	3.9	-90.29	-0.3	-60.0	60.0	51.4	8.61	6.970			
900.0	900.0	900.0	900.0	4.0	4.0	-90.29	-0.3	-60.0	60.0	51.2	8.80	6.818			
1,000.0	1,000.0	1,000.0	1,000.0	4.2	4.2	-90.29	-0.3	-60.0	60.0	51.0	8.99	6.675			
1,100.0	1,100.0	1,100.0	1,100.0	4.3	4.3	-90.29	-0.3	-60.0	60.0	50.8	9.17	6.541			
1,200.0	1,200.0	1,200.0	1,200.0	4.4	4.4	-90.29	-0.3	-60.0	60.0	50.6	9.35	6.416			
1,300.0	1,300.0	1,300.0	1,300.0	4.5	4.5	-90.29	-0.3	-60.0	60.0	50.5	9.53	6.298			
1,400.0	1,400.0	1,400.0	1,400.0	4.6	4.6	-90.29	-0.3	-60.0	60.0	50.3	9.70	6.186			
1,500.0	1,500.0	1,500.0	1,500.0	4.8	4.8	-90.29	-0.3	-60.0	60.0	50.1	9.87	6.080 CC, ES			
1,600.0	1,600.0	1,598.0	1,597.9	4.9	4.9	-51.27	0.0	-61.7	60.6	50.7	9.84	6.158			
1,700.0	1,699.8	1,695.8	1,695.7	5.2	5.0	-54.08	0.7	-66.6	62.4	52.1	10.28	6.071 SF			
1,800.0	1,799.5	1,793.5	1,793.0	5.4	5.2	-58.39	2.1	-74.8	65.8	55.1	10.72	6.143			
1,900.0	1,898.9	1,891.0	1,889.8	5.6	5.5	-62.54	3.9	-86.3	71.9	60.8	11.12	6.471			
2,000.0	1,998.4	1,988.1	1,985.8	5.9	5.8	-65.02	6.2	-101.0	81.4	69.9	11.53	7.063			
2,100.0	2,097.8	2,084.6	2,080.6	6.1	6.2	-66.09	9.0	-118.7	94.1	82.1	11.96	7.867			
2,200.0	2,197.3	2,180.3	2,174.0	6.4	6.5	-66.15	12.3	-139.4	109.8	97.4	12.42	8.841			
2,300.0	2,296.7	2,278.1	2,268.8	6.6	6.8	-65.76	16.0	-162.7	127.5	114.6	12.89	9.891			
2,400.0	2,396.2	2,376.5	2,364.3	6.9	7.2	-65.44	19.7	-186.2	145.2	131.9	13.38	10.855			
2,500.0	2,495.6	2,474.9	2,459.8	7.2	7.5	-65.20	23.4	-209.7	163.0	149.1	13.89	11.733			
2,600.0	2,595.1	2,573.3	2,555.3	7.5	7.9	-65.00	27.1	-233.2	180.8	166.3	14.42	12.534			
2,700.0	2,694.5	2,671.7	2,650.7	7.9	8.2	-64.84	30.9	-256.8	198.5	183.6	14.97	13.265			
2,800.0	2,794.0	2,770.1	2,746.2	8.2	8.6	-64.71	34.6	-280.3	216.3	200.8	15.53	13.931			
2,900.0	2,893.4	2,868.5	2,841.7	8.5	9.0	-64.59	38.3	-303.8	234.1	218.0	16.10	14.539			
3,000.0	2,992.9	2,966.9	2,937.2	8.9	9.4	-64.50	42.0	-327.3	251.9	235.2	16.68	15.096			
3,100.0	3,092.3	3,065.3	3,032.7	9.2	9.8	-64.41	45.8	-350.8	269.6	252.4	17.28	15.606			
3,200.0	3,191.8	3,163.7	3,128.2	9.6	10.2	-64.34	49.5	-374.3	287.4	269.5	17.88	16.074			
3,300.0	3,291.2	3,262.1	3,223.6	9.9	10.6	-64.27	53.2	-397.8	305.2	286.7	18.49	16.504			
3,400.0	3,390.7	3,360.5	3,319.1	10.3	11.0	-64.21	56.9	-421.4	323.0	303.9	19.11	16.900			
3,500.0	3,490.1	3,459.0	3,414.6	10.6	11.5	-64.16	60.7	-444.9	340.8	321.0	19.74	17.265			
3,600.0	3,589.6	3,557.4	3,510.1	11.0	11.9	-64.11	64.4	-468.4	358.5	338.2	20.37	17.603			
3,700.0	3,689.0	3,655.8	3,605.6	11.4	12.3	-64.07	68.1	-491.9	376.3	355.3	21.00	17.916			
3,800.0	3,788.5	3,754.2	3,701.1	11.7	12.8	-64.03	71.8	-515.4	394.1	372.4	21.65	18.207			
3,900.0	3,887.9	3,852.6	3,796.5	12.1	13.2	-63.99	75.6	-538.9	411.9	389.6	22.29	18.477			
4,000.0	3,987.4	3,951.0	3,892.0	12.5	13.7	-63.96	79.3	-562.4	429.7	406.7	22.94	18.728			
4,100.0	4,086.9	4,049.4	3,987.5	12.9	14.1	-63.93	83.0	-585.9	447.4	423.8	23.60	18.963			
4,185.6	4,172.0	4,133.6	4,069.3	13.2	14.5	-63.91	86.2	-606.1	462.7	438.5	24.15	19.159			
4,200.0	4,186.3	4,147.8	4,083.0	13.2	14.6	-63.92	86.7	-609.5	465.2	441.0	24.24	19.195			
4,300.0	4,285.9	4,246.1	4,178.4	13.6	15.0	-63.94	90.4	-633.0	483.5	458.6	24.93	19.394			
4,400.0	4,385.6	4,344.2	4,273.6	14.0	15.5	-63.80	94.2	-656.4	502.5	476.9	25.62	19.612			
4,500.0	4,485.4	4,442.2	4,368.6	14.3	15.9	-63.51	97.9	-679.8	522.3	496.0	26.33	19.834			
4,600.0	4,585.3	4,539.9	4,463.4	14.6	16.4	-63.10	101.6	-703.1	542.9	515.9	27.06	20.062			
4,700.0	4,685.3	4,637.3	4,558.0	14.9	16.8	-62.58	105.3	-726.4	564.4	536.6	27.80	20.299			
4,785.6	4,770.9	4,720.5	4,638.7	15.0	17.2	-102.06	108.4	-746.3	583.5	555.0	28.42	20.530			
4,800.0	4,785.3	4,734.4	4,652.2	15.0	17.3	-101.93	108.9	-749.6	586.7	558.2	28.52	20.574			

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

ConocoPhillips
Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well TATER SALAD FEDERAL COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	RKB=25ft @ 2939.0usft
Reference Site:	TATER SALAD & MOMBA FEDERAL (ATLAS 2628)	MD Reference:	RKB=25ft @ 2939.0usft
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	TATER SALAD FEDERAL COM #701H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 17 Central Planning Prod
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

Offset Design:	TATER SALAD & MOMBA FEDERAL (ATLAS 2628) - TATER SALAD FEDERAL COM #703H - OWB - PWP2										Offset Site Error:	3.0 usft
Survey Program:	0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1, 9432-r.5 MWD+IFR1+MS										Offset Well Error:	3.0 usft
Reference	Offset	Semi Major Axis		Offset Wellbore Centre		Rule Assigned:		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
4,900.0	4,885.3	4,831.5	4,746.4	15.1	17.7	-101.12	112.6	-772.8	609.5	580.2	29.24	20.841
5,000.0	4,985.3	4,928.5	4,840.5	15.2	18.2	-100.37	116.3	-796.0	632.3	602.4	29.95	21.114
5,100.0	5,085.3	5,025.5	4,934.7	15.2	18.6	-99.67	119.9	-819.2	655.3	624.6	30.65	21.381
5,200.0	5,185.3	5,122.6	5,028.8	15.3	19.1	-99.02	123.6	-842.4	678.3	646.9	31.34	21.641
5,300.0	5,285.3	5,219.6	5,123.0	15.3	19.6	-98.41	127.3	-865.6	701.4	669.4	32.04	21.894
5,400.0	5,385.3	5,316.6	5,217.1	15.4	20.0	-97.84	131.0	-888.7	724.6	691.8	32.73	22.140
5,500.0	5,485.3	5,413.7	5,311.2	15.5	20.5	-97.30	134.6	-911.9	747.8	714.4	33.42	22.379
5,600.0	5,585.3	5,510.7	5,405.4	15.5	20.9	-96.80	138.3	-935.1	771.1	737.0	34.10	22.612
5,700.0	5,685.3	5,607.7	5,499.5	15.6	21.4	-96.33	142.0	-958.3	794.5	759.7	34.79	22.838
5,800.0	5,785.3	5,704.7	5,593.7	15.7	21.9	-95.88	145.6	-981.5	817.9	782.4	35.47	23.058
5,900.0	5,885.3	5,801.8	5,687.8	15.7	22.3	-95.46	149.3	-1,004.7	841.3	805.2	36.15	23.271
6,000.0	5,985.3	5,898.8	5,782.0	15.8	22.8	-95.06	153.0	-1,027.9	864.8	828.0	36.83	23.478
6,100.0	6,085.3	5,995.8	5,876.1	15.8	23.3	-94.68	156.7	-1,051.0	888.3	850.8	37.51	23.680
6,200.0	6,185.3	6,092.9	5,970.3	15.9	23.7	-94.32	160.3	-1,074.2	911.9	873.7	38.19	23.875
6,300.0	6,285.3	6,189.9	6,064.4	16.0	24.2	-93.98	164.0	-1,097.4	935.5	896.6	38.87	24.065
6,400.0	6,385.3	6,286.9	6,158.6	16.0	24.7	-93.65	167.7	-1,120.6	959.1	919.6	39.55	24.249
6,500.0	6,485.3	6,383.9	6,252.7	16.1	25.1	-93.35	171.4	-1,143.8	982.8	942.5	40.23	24.428

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well TATER SALAD FEDERAL COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	RKB=25ft @ 2939.0usft
Reference Site:	TATER SALAD & MOMBA FEDERAL (ATLAS 2628)	MD Reference:	RKB=25ft @ 2939.0usft
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	TATER SALAD FEDERAL COM #701H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 17 Central Planning Prod
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

Offset Design: TATER SALAD & MOMBA FEDERAL (ATLAS 2628) - TATER SALAD FEDERAL COM #704H - OWB - PWP2													Offset Site Error: 3.0 usft	
Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1, 9154-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	
0.0	0.0	0.0	0.0	3.0	3.0	89.43	0.3	30.1	30.1					
100.0	100.0	100.0	100.0	3.1	3.1	89.43	0.3	30.1	30.1	23.0	7.09	4.245		
200.0	200.0	200.0	200.0	3.2	3.2	89.43	0.3	30.1	30.1	22.8	7.33	4.107		
300.0	300.0	300.0	300.0	3.3	3.3	89.43	0.3	30.1	30.1	22.5	7.56	3.981		
400.0	400.0	400.0	400.0	3.4	3.4	89.43	0.3	30.1	30.1	22.3	7.78	3.867		
500.0	500.0	500.0	500.0	3.6	3.6	89.43	0.3	30.1	30.1	22.1	8.00	3.763		
600.0	600.0	600.0	600.0	3.7	3.7	89.43	0.3	30.1	30.1	21.9	8.21	3.667		
700.0	700.0	700.0	700.0	3.8	3.8	89.43	0.3	30.1	30.1	21.7	8.41	3.579		
800.0	800.0	800.0	800.0	3.9	3.9	89.43	0.3	30.1	30.1	21.5	8.61	3.497		
900.0	900.0	900.0	900.0	4.0	4.0	89.43	0.3	30.1	30.1	21.3	8.80	3.420		
1,000.0	1,000.0	1,000.0	1,000.0	4.2	4.2	89.43	0.3	30.1	30.1	21.1	8.99	3.349		
1,100.0	1,100.0	1,100.0	1,100.0	4.3	4.3	89.43	0.3	30.1	30.1	20.9	9.17	3.282		
1,200.0	1,200.0	1,200.0	1,200.0	4.4	4.4	89.43	0.3	30.1	30.1	20.7	9.35	3.219		
1,300.0	1,300.0	1,300.0	1,300.0	4.5	4.5	89.43	0.3	30.1	30.1	20.6	9.53	3.159		
1,400.0	1,400.0	1,400.0	1,400.0	4.6	4.6	89.43	0.3	30.1	30.1	20.4	9.70	3.103		
1,500.0	1,500.0	1,500.0	1,500.0	4.8	4.8	89.43	0.3	30.1	30.1	20.2	9.87	3.050 CC, ES, SF		
1,600.0	1,600.0	1,599.0	1,599.0	4.9	4.9	130.39	1.1	31.6	32.8	22.9	9.83	3.335		
1,700.0	1,699.8	1,697.6	1,697.4	5.2	5.1	132.51	3.4	36.2	40.8	30.5	10.27	3.968		
1,800.0	1,799.5	1,795.2	1,794.7	5.4	5.3	134.60	7.2	43.6	54.2	43.4	10.74	5.044		
1,900.0	1,898.9	1,891.9	1,890.7	5.6	5.6	135.47	12.5	53.9	71.6	60.5	11.16	6.419		
2,000.0	1,998.4	1,987.5	1,985.2	5.9	5.9	134.87	19.1	67.0	91.9	80.3	11.59	7.927		
2,100.0	2,097.8	2,084.7	2,080.9	6.1	6.2	133.93	26.7	82.0	113.9	101.9	12.02	9.473		
2,200.0	2,197.3	2,182.3	2,177.0	6.4	6.4	133.29	34.4	97.1	135.9	123.4	12.47	10.897		
2,300.0	2,296.7	2,279.8	2,273.0	6.6	6.7	132.82	42.1	112.2	158.0	145.0	12.94	12.204		
2,400.0	2,396.2	2,377.3	2,369.1	6.9	7.0	132.47	49.8	127.3	180.0	166.6	13.43	13.399		
2,500.0	2,495.6	2,474.9	2,465.1	7.2	7.4	132.20	57.5	142.4	202.1	188.1	13.94	14.493		
2,600.0	2,595.1	2,572.4	2,561.2	7.5	7.7	131.98	65.2	157.4	224.1	209.7	14.46	15.495		
2,700.0	2,694.5	2,669.9	2,657.2	7.9	8.0	131.80	72.9	172.5	246.2	231.2	15.00	16.412		
2,800.0	2,794.0	2,767.5	2,753.3	8.2	8.4	131.65	80.6	187.6	268.3	252.7	15.55	17.253		
2,900.0	2,893.4	2,865.0	2,849.3	8.5	8.7	131.52	88.3	202.7	290.3	274.2	16.11	18.024		
3,000.0	2,992.9	2,962.5	2,945.4	8.9	9.1	131.41	95.9	217.8	312.4	295.7	16.68	18.733		
3,100.0	3,092.3	3,060.1	3,041.4	9.2	9.5	131.31	103.6	232.9	334.5	317.2	17.25	19.386		
3,200.0	3,191.8	3,157.6	3,137.5	9.6	9.9	131.23	111.3	248.0	356.5	338.7	17.84	19.988		
3,300.0	3,291.2	3,255.1	3,233.5	9.9	10.3	131.16	119.0	263.1	378.6	360.2	18.43	20.544		
3,400.0	3,390.7	3,352.7	3,329.6	10.3	10.7	131.09	126.7	278.2	400.7	381.6	19.03	21.059		
3,500.0	3,490.1	3,450.2	3,425.6	10.6	11.0	131.03	134.4	293.3	422.7	403.1	19.63	21.536		
3,600.0	3,589.6	3,547.7	3,521.7	11.0	11.4	130.98	142.1	308.3	444.8	424.6	20.24	21.979		
3,700.0	3,689.0	3,645.3	3,617.7	11.4	11.8	130.93	149.8	323.4	466.9	446.0	20.85	22.391		
3,800.0	3,788.5	3,742.8	3,713.8	11.7	12.3	130.89	157.5	338.5	489.0	467.5	21.47	22.775		
3,900.0	3,887.9	3,840.3	3,809.8	12.1	12.7	130.85	165.1	353.6	511.0	488.9	22.09	23.134		
4,000.0	3,987.4	3,937.9	3,905.9	12.5	13.1	130.81	172.8	368.7	533.1	510.4	22.72	23.469		
4,100.0	4,086.9	4,035.4	4,001.9	12.9	13.5	130.78	180.5	383.8	555.2	531.8	23.34	23.786		
4,185.6	4,172.0	4,121.9	4,087.1	13.2	13.8	130.75	187.3	397.1	574.0	550.1	23.89	24.032		
4,200.0	4,186.3	4,137.3	4,102.3	13.2	13.9	130.78	188.5	399.4	577.1	553.1	23.98	24.063		
4,300.0	4,285.9	4,245.0	4,208.7	13.6	14.4	130.90	196.1	414.3	596.9	572.2	24.71	24.160		
4,400.0	4,385.6	4,353.7	4,316.4	14.0	14.8	130.95	202.9	427.6	613.9	588.6	25.37	24.200		
4,500.0	4,485.4	4,463.1	4,425.0	14.3	15.3	130.94	208.7	439.2	628.2	602.2	26.01	24.152		
4,600.0	4,585.3	4,573.2	4,534.6	14.6	15.7	130.87	213.7	448.9	639.7	613.0	26.62	24.029		
4,700.0	4,685.3	4,683.8	4,644.8	14.9	16.1	130.74	217.7	456.8	648.3	621.1	27.19	23.841		
4,785.6	4,770.9	4,778.8	4,739.6	15.0	16.4	90.59	220.4	462.1	653.4	625.8	27.60	23.673		
4,800.0	4,785.3	4,794.8	4,755.6	15.0	16.5	90.55	220.8	462.8	654.1	626.4	27.66	23.649		

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well TATER SALAD FEDERAL COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	RKB=25ft @ 2939.0usft
Reference Site:	TATER SALAD & MOMBA FEDERAL (ATLAS 2628)	MD Reference:	RKB=25ft @ 2939.0usft
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	TATER SALAD FEDERAL COM #701H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 17 Central Planning Prod
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

Offset Design: TATER SALAD & MOMBA FEDERAL (ATLAS 2628) - TATER SALAD FEDERAL COM #704H - OWB - PWP2													Offset Site Error: 3.0 usft	
Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1, 9154-r.5 MWD+IFR1+MS													Offset Well Error: 3.0 usft	
Reference		Offset		Semi Major Axis		Offset Wellbore Centre			Rule Assigned:					
Measured	Vertical	Measured	Vertical	Reference	Offset	Highside			Distance					Warning
Depth (usft)	Depth (usft)	Depth (usft)	Depth (usft)	(usft)	(usft)	Toolface (°)	+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
4,900.0	4,885.3	4,906.0	4,866.7	15.1	16.8	90.37	222.9	467.0	657.8	629.7	28.08	23.422		
5,000.0	4,985.3	5,017.4	4,978.0	15.2	17.1	90.27	224.0	469.1	659.7	631.3	28.42	23.212		
5,100.0	5,085.3	5,124.6	5,085.3	15.2	17.3	90.25	224.2	469.5	660.1	631.5	28.60	23.079		
5,200.0	5,185.3	5,224.6	5,185.3	15.3	17.3	90.25	224.2	469.5	660.1	631.4	28.74	22.967		
5,300.0	5,285.3	5,324.6	5,285.3	15.3	17.4	90.25	224.2	469.5	660.1	631.2	28.86	22.871		
5,400.0	5,385.3	5,424.6	5,385.3	15.4	17.4	90.25	224.2	469.5	660.1	631.1	28.98	22.775		
5,500.0	5,485.3	5,524.6	5,485.3	15.5	17.5	90.25	224.2	469.5	660.1	631.0	29.10	22.680		
5,600.0	5,585.3	5,624.6	5,585.3	15.5	17.5	90.25	224.2	469.5	660.1	630.9	29.23	22.585		
5,700.0	5,685.3	5,724.6	5,685.3	15.6	17.6	90.25	224.2	469.5	660.1	630.7	29.35	22.491		
5,800.0	5,785.3	5,824.6	5,785.3	15.7	17.6	90.25	224.2	469.5	660.1	630.6	29.47	22.398		
5,900.0	5,885.3	5,924.6	5,885.3	15.7	17.7	90.25	224.2	469.5	660.1	630.5	29.59	22.304		
6,000.0	5,985.3	6,024.6	5,985.3	15.8	17.7	90.25	224.2	469.5	660.1	630.4	29.72	22.212		
6,100.0	6,085.3	6,124.6	6,085.3	15.8	17.8	90.25	224.2	469.5	660.1	630.3	29.84	22.120		
6,200.0	6,185.3	6,224.6	6,185.3	15.9	17.8	90.25	224.2	469.5	660.1	630.1	29.97	22.028		
6,300.0	6,285.3	6,324.6	6,285.3	16.0	17.9	90.25	224.2	469.5	660.1	630.0	30.09	21.937		
6,400.0	6,385.3	6,424.6	6,385.3	16.0	17.9	90.25	224.2	469.5	660.1	629.9	30.22	21.846		
6,500.0	6,485.3	6,524.6	6,485.3	16.1	18.0	90.25	224.2	469.5	660.1	629.8	30.34	21.756		
6,600.0	6,585.3	6,624.6	6,585.3	16.2	18.0	90.25	224.2	469.5	660.1	629.6	30.47	21.666		
6,700.0	6,685.3	6,724.6	6,685.3	16.2	18.1	90.25	224.2	469.5	660.1	629.5	30.59	21.577		
6,800.0	6,785.3	6,824.6	6,785.3	16.3	18.1	90.25	224.2	469.5	660.1	629.4	30.72	21.488		
6,900.0	6,885.3	6,924.6	6,885.3	16.3	18.2	90.25	224.2	469.5	660.1	629.2	30.85	21.400		
7,000.0	6,985.3	7,024.6	6,985.3	16.4	18.2	90.25	224.2	469.5	660.1	629.1	30.97	21.313		
7,100.0	7,085.3	7,124.6	7,085.3	16.5	18.3	90.25	224.2	469.5	660.1	629.0	31.10	21.225		
7,200.0	7,185.3	7,224.6	7,185.3	16.5	18.3	90.25	224.2	469.5	660.1	628.9	31.23	21.139		
7,300.0	7,285.3	7,324.6	7,285.3	16.6	18.4	90.25	224.2	469.5	660.1	628.7	31.35	21.052		
7,400.0	7,385.3	7,424.6	7,385.3	16.7	18.4	90.25	224.2	469.5	660.1	628.6	31.48	20.967		
7,500.0	7,485.3	7,524.6	7,485.3	16.7	18.5	90.25	224.2	469.5	660.1	628.5	31.61	20.882		
7,600.0	7,585.3	7,624.6	7,585.3	16.8	18.6	90.25	224.2	469.5	660.1	628.4	31.74	20.797		
7,700.0	7,685.3	7,724.6	7,685.3	16.9	18.6	90.25	224.2	469.5	660.1	628.2	31.87	20.713		
7,800.0	7,785.3	7,824.6	7,785.3	16.9	18.7	90.25	224.2	469.5	660.1	628.1	32.00	20.629		
7,900.0	7,885.3	7,924.6	7,885.3	17.0	18.7	90.25	224.2	469.5	660.1	628.0	32.13	20.546		
8,000.0	7,985.3	8,024.6	7,985.3	17.0	18.8	90.25	224.2	469.5	660.1	627.8	32.26	20.463		
8,100.0	8,085.3	8,124.6	8,085.3	17.1	18.8	90.25	224.2	469.5	660.1	627.7	32.39	20.381		
8,200.0	8,185.3	8,224.6	8,185.3	17.2	18.9	90.25	224.2	469.5	660.1	627.6	32.52	20.299		
8,300.0	8,285.3	8,324.6	8,285.3	17.2	18.9	90.25	224.2	469.5	660.1	627.4	32.65	20.217		
8,400.0	8,385.3	8,424.6	8,385.3	17.3	19.0	90.25	224.2	469.5	660.1	627.3	32.78	20.137		
8,500.0	8,485.3	8,524.6	8,485.3	17.4	19.0	90.25	224.2	469.5	660.1	627.2	32.91	20.056		
8,600.0	8,585.3	8,624.6	8,585.3	17.4	19.1	90.25	224.2	469.5	660.1	627.0	33.04	19.976		
8,700.0	8,685.3	8,724.6	8,685.3	17.5	19.2	90.25	224.2	469.5	660.1	626.9	33.18	19.897		
8,800.0	8,785.3	8,824.6	8,785.3	17.6	19.2	90.25	224.2	469.5	660.1	626.8	33.31	19.818		
8,900.0	8,885.3	8,924.6	8,885.3	17.6	19.3	90.25	224.2	469.5	660.1	626.7	33.44	19.740		
9,000.0	8,985.3	9,024.6	8,985.3	17.7	19.3	90.25	224.2	469.5	660.1	626.5	33.57	19.662		
9,100.0	9,085.3	9,124.6	9,085.3	17.8	19.4	90.25	224.2	469.5	660.1	626.4	33.70	19.589		
9,188.3	9,173.6	9,213.1	9,173.6	17.8	19.4	89.93	227.9	469.5	660.1	626.4	33.69	19.593		
9,200.0	9,185.3	9,224.6	9,185.1	17.8	19.4	89.80	229.4	469.5	660.1	626.4	33.70	19.587		
9,300.0	9,285.3	9,319.0	9,276.4	17.9	19.4	87.80	252.5	469.5	660.6	626.8	33.83	19.528		
9,304.3	9,289.6	9,322.8	9,280.0	17.9	19.4	87.68	253.8	469.5	660.7	626.8	33.83	19.526		
9,325.0	9,310.3	9,341.1	9,297.0	17.9	19.4	87.17	260.4	469.5	661.0	627.3	33.72	19.601		
9,350.0	9,335.2	9,362.8	9,316.9	17.9	19.4	86.47	269.2	469.5	661.5	627.8	33.75	19.602		
9,375.0	9,360.0	9,384.3	9,336.1	17.9	19.4	85.78	278.7	469.5	662.1	628.3	33.77	19.605		
9,400.0	9,384.6	9,405.5	9,354.7	17.9	19.4	85.11	289.0	469.5	662.8	629.0	33.80	19.609		

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well TATER SALAD FEDERAL COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	RKB=25ft @ 2939.0usft
Reference Site:	TATER SALAD & MOMBA FEDERAL (ATLAS 2628)	MD Reference:	RKB=25ft @ 2939.0usft
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	TATER SALAD FEDERAL COM #701H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 17 Central Planning Prod
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

Offset Design: TATER SALAD & MOMBA FEDERAL (ATLAS 2628) - TATER SALAD FEDERAL COM #704H - OWB - PWP2												Offset Site Error:	3.0 usft
Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1, 9154-r.5 MWD+IFR1+MS												Offset Well Error:	3.0 usft
Reference	Offset	Semi Major Axis		Offset Wellbore Centre		Distance		Minimum Separation		Separation Factor		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	
9,425.0	9,409.0	9,425.0	9,371.3	17.9	19.4	84.49	299.1	469.4	663.5	629.7	33.83	19.614	
9,450.0	9,433.0	9,447.1	9,389.7	18.0	19.5	83.80	311.4	469.4	664.4	630.5	33.86	19.622	
9,475.0	9,456.7	9,467.6	9,406.1	18.0	19.5	83.17	323.6	469.4	665.2	631.4	33.89	19.629	
9,500.0	9,479.9	9,487.8	9,421.9	18.0	19.5	82.56	336.3	469.4	666.2	632.3	33.93	19.636	
9,525.0	9,502.5	9,507.9	9,437.0	18.0	19.5	81.96	349.5	469.4	667.2	633.2	33.96	19.644	
9,550.0	9,524.6	9,527.8	9,451.4	18.0	19.5	81.38	363.3	469.4	668.2	634.2	34.00	19.651	
9,575.0	9,546.0	9,547.5	9,465.1	18.0	19.5	80.82	377.5	469.4	669.2	635.2	34.04	19.657	
9,600.0	9,566.7	9,567.1	9,478.1	18.0	19.5	80.29	392.1	469.3	670.3	636.2	34.09	19.663	
9,625.0	9,586.7	9,586.5	9,490.3	18.1	19.5	79.77	407.1	469.3	671.3	637.2	34.14	19.667	
9,650.0	9,605.9	9,605.8	9,501.9	18.1	19.5	79.28	422.5	469.3	672.4	638.2	34.18	19.669	
9,675.0	9,624.1	9,625.0	9,512.9	18.1	19.5	78.81	438.4	469.3	673.4	639.2	34.24	19.670	
9,700.0	9,641.5	9,644.0	9,523.0	18.1	19.5	78.37	454.4	469.3	674.5	640.2	34.29	19.669	
9,725.0	9,657.9	9,662.9	9,532.5	18.1	19.6	77.96	470.8	469.2	675.5	641.1	34.35	19.666	
9,750.0	9,673.3	9,681.8	9,541.3	18.1	19.6	77.57	487.5	469.2	676.4	642.0	34.40	19.660	
9,775.0	9,687.6	9,700.0	9,549.1	18.2	19.6	77.21	503.9	469.2	677.3	642.9	34.47	19.652	
9,800.0	9,700.9	9,719.3	9,556.8	18.2	19.6	76.87	521.6	469.2	678.2	643.7	34.53	19.641	
9,825.0	9,713.0	9,737.9	9,563.4	18.2	19.6	76.56	539.0	469.2	679.0	644.4	34.59	19.628	
9,850.0	9,724.0	9,756.4	9,569.4	18.2	19.6	76.29	556.5	469.1	679.7	645.1	34.66	19.611	
9,875.0	9,733.8	9,775.0	9,574.7	18.2	19.6	76.04	574.3	469.1	680.4	645.7	34.73	19.592	
9,900.0	9,742.3	9,793.4	9,579.3	18.3	19.7	75.82	592.2	469.1	681.0	646.2	34.80	19.570	
9,925.0	9,749.6	9,811.8	9,583.2	18.3	19.7	75.63	610.2	469.1	681.5	646.7	34.87	19.545	
9,950.0	9,755.7	9,830.2	9,586.3	18.3	19.7	75.47	628.2	469.1	682.0	647.0	34.94	19.517	
9,975.0	9,760.5	9,850.0	9,589.0	18.3	19.7	75.34	647.9	469.0	682.3	647.3	35.02	19.484	
10,000.0	9,763.9	9,866.8	9,590.6	18.3	19.7	75.25	664.7	469.0	682.6	647.5	35.09	19.451	
10,025.0	9,766.1	9,885.1	9,591.6	18.4	19.8	75.19	682.9	469.0	682.8	647.6	35.17	19.414	
10,050.3	9,767.0	9,904.9	9,592.0	18.4	19.8	75.15	702.7	469.0	682.9	647.6	35.25	19.371	
10,100.0	9,767.4	9,954.6	9,592.4	18.4	19.8	75.15	752.4	468.9	682.9	647.4	35.46	19.258	
10,200.0	9,768.2	10,054.6	9,593.2	18.5	20.0	75.15	852.4	468.8	682.9	647.0	35.93	19.007	
10,300.0	9,769.1	10,154.6	9,594.0	18.6	20.2	75.14	952.4	468.7	682.9	646.5	36.45	18.733	
10,400.0	9,769.9	10,254.6	9,594.8	18.8	20.4	75.14	1,052.4	468.6	682.9	645.9	37.04	18.439	
10,500.0	9,770.7	10,354.6	9,595.5	18.9	20.6	75.14	1,152.4	468.4	682.9	645.3	37.67	18.130	
10,600.0	9,771.6	10,454.6	9,596.3	19.1	20.9	75.13	1,252.4	468.3	682.9	644.6	38.35	17.807	
10,700.0	9,772.4	10,554.6	9,597.1	19.3	21.2	75.13	1,352.4	468.2	683.0	643.9	39.08	17.475	
10,800.0	9,773.2	10,654.6	9,597.9	19.6	21.5	75.12	1,452.4	468.1	683.0	643.1	39.86	17.136	
10,900.0	9,774.1	10,754.6	9,598.7	19.9	21.8	75.12	1,552.4	468.0	683.0	642.3	40.67	16.792	
11,000.0	9,774.9	10,854.6	9,599.4	20.2	22.2	75.11	1,652.4	467.9	683.0	641.5	41.53	16.447	
11,100.0	9,775.7	10,954.6	9,600.2	20.6	22.6	75.11	1,752.4	467.7	683.0	640.6	42.42	16.101	
11,200.0	9,776.5	11,054.6	9,601.0	21.0	23.0	75.11	1,852.4	467.6	683.0	639.7	43.35	15.757	
11,300.0	9,777.4	11,154.6	9,601.8	21.4	23.4	75.10	1,952.4	467.5	683.0	638.7	44.31	15.416	
11,400.0	9,778.2	11,254.6	9,602.5	21.9	23.9	75.10	2,052.4	467.4	683.0	637.7	45.30	15.079	
11,500.0	9,779.0	11,354.6	9,603.3	22.4	24.3	75.09	2,152.4	467.3	683.1	636.7	46.32	14.748	
11,600.0	9,779.9	11,454.6	9,604.1	22.9	24.8	75.09	2,252.4	467.1	683.1	635.7	47.36	14.423	
11,700.0	9,780.7	11,554.6	9,604.9	23.4	25.3	75.08	2,352.4	467.0	683.1	634.7	48.43	14.105	
11,800.0	9,781.5	11,654.6	9,605.7	23.9	25.8	75.08	2,452.4	466.9	683.1	633.6	49.52	13.794	
11,900.0	9,782.4	11,754.6	9,606.4	24.5	26.4	75.08	2,552.4	466.8	683.1	632.5	50.64	13.490	
12,000.0	9,783.2	11,854.6	9,607.2	25.1	26.9	75.07	2,652.4	466.7	683.1	631.3	51.77	13.195	
12,100.0	9,784.0	11,954.6	9,608.0	25.6	27.5	75.07	2,752.4	466.6	683.1	630.2	52.92	12.908	
12,200.0	9,784.8	12,054.6	9,608.8	26.2	28.0	75.06	2,852.4	466.4	683.1	629.0	54.10	12.628	
12,300.0	9,785.7	12,154.6	9,609.6	26.9	28.6	75.06	2,952.4	466.3	683.2	627.9	55.28	12.357	
12,400.0	9,786.5	12,254.6	9,610.3	27.5	29.2	75.06	3,052.4	466.2	683.2	626.7	56.49	12.094	
12,500.0	9,787.3	12,354.6	9,611.1	28.1	29.8	75.05	3,152.4	466.1	683.2	625.5	57.70	11.839	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well TATER SALAD FEDERAL COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	RKB=25ft @ 2939.0usft
Reference Site:	TATER SALAD & MOMBA FEDERAL (ATLAS 2628)	MD Reference:	RKB=25ft @ 2939.0usft
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	TATER SALAD FEDERAL COM #701H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 17 Central Planning Prod
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

Offset Design: TATER SALAD & MOMBA FEDERAL (ATLAS 2628) - TATER SALAD FEDERAL COM #704H - OWB - PWP2													Offset Site Error: 3.0 usft	
Survey Program: Reference		0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1, 9154-r.5 MWD+IFR1+MS						Rule Assigned:		Offset Well Error: 3.0 usft				
Offset		Semi Major Axis		Offset Wellbore Centre		Distance								
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	
12,600.0	9,788.2	12,454.6	9,611.9	28.7	30.4	75.05	3,252.4	466.0	683.2	624.3	58.94	11.592		
12,700.0	9,789.0	12,554.6	9,612.7	29.4	31.0	75.04	3,352.3	465.9	683.2	623.0	60.18	11.353		
12,800.0	9,789.8	12,654.6	9,613.5	30.0	31.6	75.04	3,452.3	465.7	683.2	621.8	61.44	11.121		
12,900.0	9,790.7	12,754.6	9,614.2	30.7	32.2	75.03	3,552.3	465.6	683.2	620.5	62.70	10.896		
13,000.0	9,791.5	12,854.6	9,615.0	31.3	32.9	75.03	3,652.3	465.5	683.2	619.3	63.98	10.679		
13,100.0	9,792.3	12,954.6	9,615.8	32.0	33.5	75.03	3,752.3	465.4	683.3	618.0	65.27	10.468		
13,200.0	9,793.2	13,054.6	9,616.6	32.7	34.2	75.02	3,852.3	465.3	683.3	616.7	66.57	10.264		
13,300.0	9,794.0	13,154.6	9,617.3	33.3	34.8	75.02	3,952.3	465.1	683.3	615.4	67.87	10.067		
13,400.0	9,794.8	13,254.6	9,618.1	34.0	35.5	75.01	4,052.3	465.0	683.3	614.1	69.19	9.876		
13,500.0	9,795.6	13,354.6	9,618.9	34.7	36.1	75.01	4,152.3	464.9	683.3	612.8	70.51	9.691		
13,600.0	9,796.5	13,454.6	9,619.7	35.4	36.8	75.01	4,252.3	464.8	683.3	611.5	71.84	9.512		
13,700.0	9,797.3	13,554.6	9,620.5	36.1	37.4	75.00	4,352.3	464.7	683.3	610.2	73.18	9.338		
13,800.0	9,798.1	13,654.6	9,621.2	36.8	38.1	75.00	4,452.3	464.6	683.3	608.8	74.52	9.170		
13,900.0	9,799.0	13,754.6	9,622.0	37.5	38.8	74.99	4,552.3	464.4	683.4	607.5	75.87	9.007		
14,000.0	9,799.8	13,854.6	9,622.8	38.2	39.4	74.99	4,652.3	464.3	683.4	606.1	77.23	8.849		
14,100.0	9,800.6	13,954.6	9,623.6	38.9	40.1	74.98	4,752.3	464.2	683.4	604.8	78.59	8.696		
14,200.0	9,801.5	14,054.6	9,624.4	39.6	40.8	74.98	4,852.3	464.1	683.4	603.4	79.96	8.547		
14,300.0	9,802.3	14,154.6	9,625.1	40.3	41.5	74.98	4,952.3	464.0	683.4	602.1	81.33	8.403		
14,400.0	9,803.1	14,254.6	9,625.9	41.0	42.2	74.97	5,052.3	463.9	683.4	600.7	82.71	8.263		
14,500.0	9,803.9	14,354.6	9,626.7	41.7	42.9	74.97	5,152.3	463.7	683.4	599.3	84.09	8.128		
14,600.0	9,804.8	14,454.6	9,627.5	42.4	43.6	74.96	5,252.3	463.6	683.4	598.0	85.47	7.996		
14,700.0	9,805.6	14,554.6	9,628.3	43.1	44.3	74.96	5,352.3	463.5	683.5	596.6	86.86	7.868		
14,800.0	9,806.4	14,654.6	9,629.0	43.8	45.0	74.96	5,452.3	463.4	683.5	595.2	88.26	7.744		
14,900.0	9,807.3	14,754.6	9,629.8	44.5	45.7	74.95	5,552.3	463.3	683.5	593.8	89.65	7.624		
15,000.0	9,808.1	14,854.6	9,630.6	45.2	46.4	74.95	5,652.3	463.1	683.5	592.4	91.06	7.506		
15,100.0	9,808.9	14,954.6	9,631.4	46.0	47.1	74.94	5,752.3	463.0	683.5	591.1	92.46	7.393		
15,200.0	9,809.8	15,054.6	9,632.1	46.7	47.8	74.94	5,852.3	462.9	683.5	589.7	93.87	7.282		
15,300.0	9,810.6	15,154.6	9,632.9	47.4	48.5	74.93	5,952.3	462.8	683.5	588.3	95.28	7.174		
15,400.0	9,811.4	15,254.6	9,633.7	48.1	49.2	74.93	6,052.3	462.7	683.5	586.9	96.69	7.069		
15,500.0	9,812.3	15,354.6	9,634.5	48.9	49.9	74.93	6,152.3	462.6	683.6	585.5	98.11	6.967		
15,600.0	9,813.1	15,454.6	9,635.3	49.6	50.6	74.92	6,252.3	462.4	683.6	584.0	99.53	6.868		
15,700.0	9,813.9	15,554.6	9,636.0	50.3	51.3	74.92	6,352.3	462.3	683.6	582.6	100.95	6.771		
15,800.0	9,814.7	15,654.6	9,636.8	51.0	52.0	74.91	6,452.3	462.2	683.6	581.2	102.38	6.677		
15,900.0	9,815.6	15,754.6	9,637.6	51.8	52.7	74.91	6,552.2	462.1	683.6	579.8	103.80	6.586		
16,000.0	9,816.4	15,854.6	9,638.4	52.5	53.5	74.90	6,652.2	462.0	683.6	578.4	105.23	6.496		
16,100.0	9,817.2	15,954.6	9,639.2	53.2	54.2	74.90	6,752.2	461.9	683.6	577.0	106.67	6.409		
16,200.0	9,818.1	16,054.6	9,639.9	54.0	54.9	74.90	6,852.2	461.7	683.7	575.6	108.10	6.324		
16,300.0	9,818.9	16,154.6	9,640.7	54.7	55.6	74.89	6,952.2	461.6	683.7	574.1	109.54	6.241		
16,400.0	9,819.7	16,254.6	9,641.5	55.4	56.3	74.89	7,052.2	461.5	683.7	572.7	110.97	6.161		
16,500.0	9,820.6	16,354.6	9,642.3	56.2	57.1	74.88	7,152.2	461.4	683.7	571.3	112.41	6.082		
16,600.0	9,821.4	16,454.6	9,643.1	56.9	57.8	74.88	7,252.2	461.3	683.7	569.8	113.86	6.005		
16,700.0	9,822.2	16,554.6	9,643.8	57.6	58.5	74.88	7,352.2	461.1	683.7	568.4	115.30	5.930		
16,800.0	9,823.0	16,654.6	9,644.6	58.4	59.2	74.87	7,452.2	461.0	683.7	567.0	116.74	5.857		
16,900.0	9,823.9	16,754.6	9,645.4	59.1	60.0	74.87	7,552.2	460.9	683.7	565.5	118.19	5.785		
17,000.0	9,824.7	16,854.6	9,646.2	59.8	60.7	74.86	7,652.2	460.8	683.8	564.1	119.64	5.715		
17,100.0	9,825.5	16,954.6	9,646.9	60.6	61.4	74.86	7,752.2	460.7	683.8	562.7	121.09	5.647		
17,200.0	9,826.4	17,054.6	9,647.7	61.3	62.2	74.85	7,852.2	460.6	683.8	561.2	122.54	5.580		
17,300.0	9,827.2	17,154.6	9,648.5	62.1	62.9	74.85	7,952.2	460.4	683.8	559.8	123.99	5.515		
17,400.0	9,828.0	17,254.6	9,649.3	62.8	63.6	74.85	8,052.2	460.3	683.8	558.4	125.45	5.451		
17,500.0	9,828.9	17,354.6	9,650.1	63.5	64.4	74.84	8,152.2	460.2	683.8	556.9	126.90	5.389		
17,600.0	9,829.7	17,454.6	9,650.8	64.3	65.1	74.84	8,252.2	460.1	683.8	555.5	128.36	5.327		

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well TATER SALAD FEDERAL COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	RKB=25ft @ 2939.0usft
Reference Site:	TATER SALAD & MOMBA FEDERAL (ATLAS 2628)	MD Reference:	RKB=25ft @ 2939.0usft
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	TATER SALAD FEDERAL COM #701H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 17 Central Planning Prod
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

Offset Design: TATER SALAD & MOMBA FEDERAL (ATLAS 2628) - TATER SALAD FEDERAL COM #704H - OWB - PWP2													Offset Site Error: 3.0 usft	
Survey Program: Reference		0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1, 9154-r.5 MWD+IFR1+MS						Rule Assigned:					Offset Well Error: 3.0 usft	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
17,700.0	9,830.5	17,554.6	9,651.6	65.0	65.8	74.83	8,352.2	460.0	683.8	554.0	129.82	5.268		
17,800.0	9,831.3	17,654.6	9,652.4	65.8	66.6	74.83	8,452.2	459.9	683.9	552.6	131.28	5.209		
17,900.0	9,832.2	17,754.6	9,653.2	66.5	67.3	74.83	8,552.2	459.7	683.9	551.1	132.74	5.152		
18,000.0	9,833.0	17,854.6	9,654.0	67.3	68.0	74.82	8,652.2	459.6	683.9	549.7	134.20	5.096		
18,100.0	9,833.8	17,954.6	9,654.7	68.0	68.8	74.82	8,752.2	459.5	683.9	548.2	135.66	5.041		
18,200.0	9,834.7	18,054.6	9,655.5	68.7	69.5	74.81	8,852.2	459.4	683.9	546.8	137.12	4.988		
18,300.0	9,835.5	18,154.6	9,656.3	69.5	70.2	74.81	8,952.2	459.3	683.9	545.3	138.59	4.935		
18,400.0	9,836.3	18,254.6	9,657.1	70.2	71.0	74.80	9,052.2	459.1	683.9	543.9	140.05	4.883		
18,500.0	9,837.2	18,354.6	9,657.8	71.0	71.7	74.80	9,152.2	459.0	683.9	542.4	141.52	4.833		
18,600.0	9,838.0	18,454.6	9,658.6	71.7	72.4	74.80	9,252.2	458.9	684.0	541.0	142.99	4.783		
18,700.0	9,838.8	18,554.6	9,659.4	72.5	73.2	74.79	9,352.2	458.8	684.0	539.5	144.45	4.735		
18,800.0	9,839.7	18,654.6	9,660.2	73.2	73.9	74.79	9,452.2	458.7	684.0	538.1	145.92	4.687		
18,900.0	9,840.5	18,754.6	9,661.0	74.0	74.7	74.78	9,552.2	458.6	684.0	536.6	147.39	4.641		
19,000.0	9,841.3	18,854.6	9,661.7	74.7	75.4	74.78	9,652.2	458.4	684.0	535.1	148.86	4.595		
19,100.0	9,842.1	18,954.6	9,662.5	75.5	76.1	74.78	9,752.1	458.3	684.0	533.7	150.33	4.550		
19,200.0	9,843.0	19,054.6	9,663.3	76.2	76.9	74.77	9,852.1	458.2	684.0	532.2	151.81	4.506		
19,300.0	9,843.8	19,154.6	9,664.1	77.0	77.6	74.77	9,952.1	458.1	684.0	530.8	153.28	4.463		
19,400.0	9,844.6	19,254.6	9,664.9	77.7	78.4	74.76	10,052.1	458.0	684.1	529.3	154.75	4.420		
19,500.0	9,845.5	19,354.6	9,665.6	78.5	79.1	74.76	10,152.1	457.9	684.1	527.8	156.23	4.379		
19,600.0	9,846.3	19,454.6	9,666.4	79.2	79.9	74.75	10,252.1	457.7	684.1	526.4	157.70	4.338		
19,700.0	9,847.1	19,554.6	9,667.2	80.0	80.6	74.75	10,352.1	457.6	684.1	524.9	159.18	4.298		
19,796.1	9,847.9	19,650.7	9,667.9	80.7	81.3	74.75	10,448.2	457.5	684.1	523.5	160.59	4.260		
19,800.0	9,848.0	19,654.6	9,668.0	80.7	81.3	74.75	10,452.1	457.5	684.1	523.5	160.65	4.258		
19,900.0	9,848.8	19,754.6	9,668.8	81.5	82.1	74.74	10,552.1	457.4	684.1	522.0	162.13	4.220		
19,926.1	9,849.0	19,780.7	9,669.0	81.7	82.3	74.74	10,578.2	457.4	684.1	521.6	162.51	4.210		

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well TATER SALAD FEDERAL COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	RKB=25ft @ 2939.0usft
Reference Site:	TATER SALAD & MOMBA FEDERAL (ATLAS 2628)	MD Reference:	RKB=25ft @ 2939.0usft
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	TATER SALAD FEDERAL COM #701H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 17 Central Planning Prod
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

Offset Design: TATER SALAD & MOMBA FEDERAL (ATLAS 2628) - TATER SALAD FEDERAL COM #901H - OWB - PWP2													Offset Site Error:	3.0 usft
Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 2500-r.5 MWD+IFR1, 10289-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 +N/-S (usft)	+E/-W (usft)	Distance Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
0.0	0.0	0.0	0.0	3.0	3.0	-90.35	-1.6	-260.0	260.0					
100.0	100.0	99.1	99.1	3.1	3.1	-90.35	-1.6	-260.0	260.0	252.9	7.09	36.674		
200.0	200.0	199.1	199.1	3.2	3.2	-90.35	-1.6	-260.0	260.0	252.7	7.33	35.478		
300.0	300.0	299.1	299.1	3.3	3.3	-90.35	-1.6	-260.0	260.0	252.4	7.56	34.395		
400.0	400.0	399.1	399.1	3.4	3.4	-90.35	-1.6	-260.0	260.0	252.2	7.78	33.411		
500.0	500.0	499.1	499.1	3.6	3.6	-90.35	-1.6	-260.0	260.0	252.0	8.00	32.510		
600.0	600.0	599.1	599.1	3.7	3.7	-90.35	-1.6	-260.0	260.0	251.8	8.21	31.682		
700.0	700.0	699.1	699.1	3.8	3.8	-90.35	-1.6	-260.0	260.0	251.6	8.41	30.917		
800.0	800.0	799.1	799.1	3.9	3.9	-90.35	-1.6	-260.0	260.0	251.4	8.61	30.207		
900.0	900.0	899.1	899.1	4.0	4.0	-90.35	-1.6	-260.0	260.0	251.2	8.80	29.546		
1,000.0	1,000.0	999.1	999.1	4.2	4.2	-90.35	-1.6	-260.0	260.0	251.0	8.99	28.928		
1,100.0	1,100.0	1,099.1	1,099.1	4.3	4.3	-90.35	-1.6	-260.0	260.0	250.8	9.17	28.349		
1,200.0	1,200.0	1,199.1	1,199.1	4.4	4.4	-90.35	-1.6	-260.0	260.0	250.7	9.35	27.805		
1,300.0	1,300.0	1,299.1	1,299.1	4.5	4.5	-90.35	-1.6	-260.0	260.0	250.5	9.53	27.292		
1,400.0	1,400.0	1,399.1	1,399.1	4.6	4.6	-90.35	-1.6	-260.0	260.0	250.3	9.70	26.808		
1,500.0	1,500.0	1,499.1	1,499.1	4.8	4.8	-90.35	-1.6	-260.0	260.0	250.1	9.87	26.349		
1,600.0	1,600.0	1,599.1	1,599.1	4.9	4.9	-50.67	-1.6	-260.0	258.9	249.0	9.87	26.224		
1,700.0	1,699.8	1,698.9	1,698.9	5.2	5.0	-51.63	-1.6	-260.0	255.6	245.5	10.16	25.164		
1,800.0	1,799.5	1,798.6	1,798.6	5.4	5.1	-53.27	-1.6	-260.0	250.3	239.8	10.44	23.974		
1,900.0	1,898.9	1,898.0	1,898.0	5.6	5.2	-55.23	-1.6	-260.0	244.2	233.5	10.69	22.850		
2,000.0	1,998.4	1,997.5	1,997.5	5.9	5.3	-57.29	-1.6	-260.0	238.3	227.4	10.93	21.800		
2,100.0	2,097.8	2,096.9	2,096.9	6.1	5.5	-59.44	-1.6	-260.0	232.8	221.6	11.18	20.826		
2,200.0	2,197.3	2,196.4	2,196.4	6.4	5.6	-61.70	-1.6	-260.0	227.7	216.2	11.42	19.928		
2,300.0	2,296.7	2,295.8	2,295.8	6.6	5.7	-64.06	-1.6	-260.0	222.9	211.2	11.67	19.104		
2,400.0	2,396.2	2,395.3	2,395.3	6.9	5.8	-66.51	-1.6	-260.0	218.5	206.6	11.90	18.354		
2,500.0	2,495.6	2,494.7	2,494.7	7.2	6.0	-69.06	-1.6	-260.0	214.5	202.3	12.20	17.582		
2,600.0	2,595.1	2,599.5	2,599.5	7.5	6.1	-71.91	-1.4	-258.7	209.8	197.4	12.39	16.936		
2,700.0	2,694.5	2,704.2	2,704.1	7.9	6.2	-75.10	-0.7	-254.6	202.9	190.2	12.70	15.977		
2,800.0	2,794.0	2,808.3	2,807.9	8.2	6.3	-78.75	0.6	-247.8	194.1	181.1	13.01	14.918		
2,900.0	2,893.4	2,908.1	2,907.4	8.5	6.4	-82.79	2.1	-239.3	184.2	171.0	13.27	13.886		
3,000.0	2,992.9	3,006.7	3,005.6	8.9	6.5	-87.22	3.5	-230.8	175.3	161.7	13.61	12.887		
3,100.0	3,092.3	3,105.3	3,103.9	9.2	6.7	-92.08	5.0	-222.3	167.6	153.6	13.98	11.992		
3,200.0	3,191.8	3,204.0	3,202.1	9.6	6.8	-97.36	6.5	-213.9	161.2	146.8	14.39	11.203		
3,300.0	3,291.2	3,302.6	3,300.4	9.9	7.0	-103.01	8.0	-205.4	156.3	141.5	14.86	10.521		
3,400.0	3,390.7	3,401.2	3,398.6	10.3	7.2	-108.95	9.5	-196.9	153.1	137.7	15.39	9.944		
3,500.0	3,490.1	3,499.8	3,496.9	10.6	7.5	-115.08	11.0	-188.5	151.6	135.6	16.00	9.475		
3,532.8	3,522.8	3,532.2	3,529.1	10.8	7.6	-117.10	11.5	-185.7	151.5	135.3	16.21	9.344 CC		
3,600.0	3,589.6	3,598.4	3,595.1	11.0	7.8	-121.25	12.5	-180.0	151.9	135.2	16.67	9.112 ES		
3,700.0	3,689.0	3,697.0	3,693.3	11.4	8.1	-127.32	14.0	-171.6	154.0	136.6	17.40	8.852		
3,800.0	3,788.5	3,795.7	3,791.6	11.7	8.4	-133.18	15.5	-163.1	157.8	139.7	18.16	8.690		
3,900.0	3,887.9	3,894.3	3,889.8	12.1	8.7	-138.70	17.0	-154.6	163.3	144.3	18.95	8.616		
4,000.0	3,987.4	3,992.9	3,988.1	12.5	9.0	-143.84	18.5	-146.2	170.1	150.4	19.74	8.620		
4,100.0	4,086.9	4,091.5	4,086.3	12.9	9.3	-148.55	20.0	-137.7	178.3	157.8	20.52	8.688		
4,185.6	4,172.0	4,176.0	4,170.4	13.2	9.6	-152.25	21.2	-130.4	186.1	165.0	21.17	8.794		
4,200.0	4,186.3	4,190.1	4,184.6	13.2	9.6	-152.84	21.5	-129.2	187.5	166.2	21.27	8.817		
4,300.0	4,285.9	4,288.9	4,283.0	13.6	9.9	-156.62	23.0	-120.8	196.7	174.7	22.03	8.931		
4,400.0	4,385.6	4,387.9	4,381.6	14.0	10.3	-159.89	24.5	-112.3	205.0	182.3	22.72	9.025		
4,500.0	4,485.4	4,487.1	4,480.4	14.3	10.6	-162.76	26.0	-103.7	212.3	188.9	23.37	9.083		
4,600.0	4,585.3	4,586.5	4,579.4	14.6	10.9	-165.31	27.5	-95.2	218.4	194.4	23.99	9.105		
4,700.0	4,685.3	4,686.0	4,678.5	14.9	11.3	-167.63	29.0	-86.7	223.2	198.6	24.55	9.091		
4,785.6	4,770.9	4,771.2	4,763.4	15.0	11.6	150.54	30.3	-79.4	226.2	201.3	24.89	9.086		

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well TATER SALAD FEDERAL COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	RKB=25ft @ 2939.0usft
Reference Site:	TATER SALAD & MOMBA FEDERAL (ATLAS 2628)	MD Reference:	RKB=25ft @ 2939.0usft
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	TATER SALAD FEDERAL COM #701H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 17 Central Planning Prod
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

Offset Design: TATER SALAD & MOMBA FEDERAL (ATLAS 2628) - TATER SALAD FEDERAL COM #901H - OWB - PWP2												Offset Site Error:	3.0 usft
Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 2500-r.5 MWD+IFR1, 10289-r.5 MWD+IFR1+MS												Offset Well Error:	3.0 usft
Reference		Offset		Semi Major Axis		Offset Wellbore Centre		Distance		Minimum 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)	Separation Factor		
4,800.0	4,785.3	4,785.5	4,777.7	15.0	11.6	150.24	30.5	-78.1	226.6	201.7	24.93	9.090	
4,900.0	4,885.3	4,885.2	4,876.9	15.1	12.0	148.20	32.0	-69.6	229.7	204.5	25.24	9.099	
5,000.0	4,985.3	4,985.5	4,976.9	15.2	12.3	146.28	33.4	-61.3	233.0	207.4	25.54	9.121	
5,100.0	5,085.3	5,086.1	5,077.2	15.2	12.7	144.59	34.8	-53.8	236.1	210.3	25.83	9.141	
5,200.0	5,185.3	5,186.8	5,177.7	15.3	13.0	143.14	35.9	-47.2	239.0	212.9	26.11	9.156	
5,300.0	5,285.3	5,287.6	5,278.3	15.3	13.3	141.91	36.9	-41.5	241.7	215.3	26.38	9.163	
5,400.0	5,385.3	5,388.5	5,379.1	15.4	13.6	140.89	37.8	-36.6	244.0	217.4	26.64	9.161	
5,500.0	5,485.3	5,489.5	5,480.0	15.5	14.0	140.06	38.5	-32.6	246.0	219.1	26.89	9.148	
5,600.0	5,585.3	5,590.5	5,581.0	15.5	14.2	139.42	39.0	-29.5	247.6	220.5	27.14	9.125	
5,700.0	5,685.3	5,691.6	5,682.1	15.6	14.5	138.97	39.4	-27.3	248.8	221.4	27.36	9.090	
5,800.0	5,785.3	5,792.7	5,783.2	15.7	14.8	138.70	39.7	-25.9	249.5	221.9	27.58	9.046	
5,900.0	5,885.3	5,893.9	5,884.3	15.7	14.9	138.60	39.8	-25.4	249.7	222.0	27.75	9.000	
6,000.0	5,985.3	5,993.9	5,984.4	15.8	15.0	138.60	39.8	-25.4	249.7	221.8	27.88	8.958	
6,100.0	6,085.3	6,093.9	6,084.4	15.8	15.0	138.60	39.8	-25.4	249.7	221.7	28.00	8.918	
6,200.0	6,185.3	6,193.9	6,184.4	15.9	15.1	138.60	39.8	-25.4	249.7	221.6	28.13	8.877	
6,300.0	6,285.3	6,293.9	6,284.4	16.0	15.1	138.60	39.8	-25.4	249.7	221.5	28.26	8.837	
6,400.0	6,385.3	6,393.9	6,384.4	16.0	15.2	138.60	39.8	-25.4	249.7	221.3	28.39	8.797	
6,500.0	6,485.3	6,493.9	6,484.4	16.1	15.3	138.60	39.8	-25.4	249.7	221.2	28.52	8.757	
6,600.0	6,585.3	6,593.9	6,584.4	16.2	15.3	138.60	39.8	-25.4	249.7	221.1	28.64	8.718	
6,700.0	6,685.3	6,693.9	6,684.4	16.2	15.4	138.60	39.8	-25.4	249.7	220.9	28.77	8.679	
6,800.0	6,785.3	6,793.9	6,784.4	16.3	15.4	138.60	39.8	-25.4	249.7	220.8	28.90	8.640	
6,900.0	6,885.3	6,893.9	6,884.4	16.3	15.5	138.60	39.8	-25.4	249.7	220.7	29.03	8.601	
7,000.0	6,985.3	6,993.9	6,984.4	16.4	15.5	138.60	39.8	-25.4	249.7	220.6	29.16	8.563	
7,100.0	7,085.3	7,093.9	7,084.4	16.5	15.6	138.60	39.8	-25.4	249.7	220.4	29.29	8.525	
7,200.0	7,185.3	7,193.9	7,184.4	16.5	15.6	138.60	39.8	-25.4	249.7	220.3	29.42	8.487	
7,300.0	7,285.3	7,293.9	7,284.4	16.6	15.7	138.60	39.8	-25.4	249.7	220.2	29.56	8.449	
7,400.0	7,385.3	7,393.9	7,384.4	16.7	15.7	138.60	39.8	-25.4	249.7	220.0	29.69	8.412	
7,500.0	7,485.3	7,493.9	7,484.4	16.7	15.8	138.60	39.8	-25.4	249.7	219.9	29.82	8.375	
7,600.0	7,585.3	7,593.9	7,584.4	16.8	15.9	138.60	39.8	-25.4	249.7	219.8	29.95	8.338	
7,700.0	7,685.3	7,693.9	7,684.4	16.9	15.9	138.60	39.8	-25.4	249.7	219.6	30.08	8.301	
7,800.0	7,785.3	7,793.9	7,784.4	16.9	16.0	138.60	39.8	-25.4	249.7	219.5	30.22	8.265	
7,900.0	7,885.3	7,893.9	7,884.4	17.0	16.0	138.60	39.8	-25.4	249.7	219.4	30.35	8.228	
8,000.0	7,985.3	7,993.9	7,984.4	17.0	16.1	138.60	39.8	-25.4	249.7	219.2	30.48	8.192	
8,100.0	8,085.3	8,093.9	8,084.4	17.1	16.1	138.60	39.8	-25.4	249.7	219.1	30.62	8.157	
8,200.0	8,185.3	8,193.9	8,184.4	17.2	16.2	138.60	39.8	-25.4	249.7	219.0	30.75	8.121	
8,300.0	8,285.3	8,293.9	8,284.4	17.2	16.3	138.60	39.8	-25.4	249.7	218.8	30.88	8.086	
8,400.0	8,385.3	8,393.9	8,384.4	17.3	16.3	138.60	39.8	-25.4	249.7	218.7	31.02	8.051	
8,500.0	8,485.3	8,493.9	8,484.4	17.4	16.4	138.60	39.8	-25.4	249.7	218.6	31.15	8.016	
8,600.0	8,585.3	8,593.9	8,584.4	17.4	16.4	138.60	39.8	-25.4	249.7	218.4	31.29	7.982	
8,700.0	8,685.3	8,693.9	8,684.4	17.5	16.5	138.60	39.8	-25.4	249.7	218.3	31.42	7.947	
8,800.0	8,785.3	8,793.9	8,784.4	17.6	16.5	138.60	39.8	-25.4	249.7	218.2	31.56	7.913	
8,900.0	8,885.3	8,893.9	8,884.4	17.6	16.6	138.60	39.8	-25.4	249.7	218.0	31.69	7.879	
9,000.0	8,985.3	8,993.9	8,984.4	17.7	16.7	138.60	39.8	-25.4	249.7	217.9	31.83	7.846	
9,100.0	9,085.3	9,093.9	9,084.4	17.8	16.7	138.60	39.8	-25.4	249.7	217.8	31.96	7.812	
9,200.0	9,185.3	9,193.9	9,184.4	17.8	16.8	138.60	39.8	-25.4	249.7	217.6	32.10	7.779	
9,300.0	9,285.3	9,293.9	9,284.4	17.9	16.8	138.60	39.8	-25.4	249.7	217.5	32.24	7.746	
9,304.3	9,289.6	9,298.2	9,288.7	17.9	16.8	138.60	39.8	-25.4	249.7	217.5	32.25	7.744 SF	
9,325.0	9,310.3	9,318.9	9,309.4	17.9	16.9	138.71	39.8	-25.4	250.1	217.9	32.13	7.783	
9,350.0	9,335.2	9,343.9	9,334.3	17.9	16.9	138.87	39.8	-25.4	251.4	219.2	32.14	7.821	
9,375.0	9,360.0	9,368.7	9,359.1	17.9	16.9	139.14	39.8	-25.4	253.7	221.5	32.14	7.893	
9,400.0	9,384.6	9,393.3	9,383.7	17.9	16.9	139.51	39.8	-25.4	257.0	224.9	32.13	7.998	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well TATER SALAD FEDERAL COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	RKB=25ft @ 2939.0usft
Reference Site:	TATER SALAD & MOMBA FEDERAL (ATLAS 2628)	MD Reference:	RKB=25ft @ 2939.0usft
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	TATER SALAD FEDERAL COM #701H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 17 Central Planning Prod
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

Offset Design: TATER SALAD & MOMBA FEDERAL (ATLAS 2628) - TATER SALAD FEDERAL COM #901H - OWB - PWP2													Offset Site Error: 3.0 usft	
Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 2500-r.5 MWD+IFR1, 10289-r.5 MWD+IFR1+MS													Offset Well Error: 3.0 usft	
Reference		Offset		Semi Major Axis			Offset Wellbore Centre		Distance		Rule Assigned:			
Measured	Vertical	Measured	Vertical	Reference	Offset	Highside								Warning
Depth	Depth	Depth	Depth			Toolface	+N/-S	+E/-W	Between	Between	Minimum	Separation		
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	(usft)	(usft)	Centres	Ellipses	Separation	Factor		
									(usft)	(usft)	(usft)			
9,425.0	9,409.0	9,417.7	9,408.1	17.9	16.9	139.96	39.8	-25.4	261.3	229.2	32.11	8.137		
9,450.0	9,433.0	9,441.7	9,432.1	18.0	16.9	140.48	39.8	-25.4	266.7	234.6	32.09	8.311		
9,475.0	9,456.7	9,465.3	9,455.8	18.0	16.9	141.04	39.8	-25.4	273.1	241.1	32.06	8.519		
9,500.0	9,479.9	9,488.5	9,479.0	18.0	17.0	141.63	39.8	-25.4	280.6	248.6	32.02	8.764		
9,525.0	9,502.5	9,511.2	9,501.6	18.0	17.0	142.21	39.8	-25.4	289.3	257.3	31.98	9.045		
9,550.0	9,524.6	9,533.2	9,523.7	18.0	17.0	142.77	39.8	-25.4	299.0	267.0	31.94	9.361		
9,575.0	9,546.0	9,554.7	9,545.1	18.0	17.0	143.29	39.8	-25.4	309.8	277.9	31.89	9.715		
9,600.0	9,566.7	9,575.4	9,565.8	18.0	17.0	143.75	39.8	-25.4	321.7	289.9	31.84	10.104		
9,625.0	9,586.7	9,595.4	9,585.8	18.1	17.0	144.12	39.8	-25.4	334.7	302.9	31.79	10.528		
9,650.0	9,605.9	9,614.5	9,605.0	18.1	17.0	144.38	39.8	-25.4	348.8	317.0	31.74	10.987		
9,675.0	9,624.1	9,632.8	9,623.2	18.1	17.0	144.52	39.8	-25.4	363.9	332.2	31.70	11.480		
9,700.0	9,641.5	9,650.2	9,640.6	18.1	17.1	144.52	39.8	-25.4	380.0	348.3	31.65	12.005		
9,725.0	9,657.9	9,666.6	9,657.0	18.1	17.1	144.34	39.8	-25.4	397.1	365.5	31.61	12.561		
9,750.0	9,673.3	9,682.0	9,672.4	18.1	17.1	143.96	39.8	-25.4	415.1	383.5	31.57	13.147		
9,775.0	9,687.6	9,696.3	9,686.7	18.2	17.1	143.34	39.8	-25.4	433.9	402.4	31.54	13.760		
9,800.0	9,700.9	9,709.6	9,700.0	18.2	17.1	142.45	39.8	-25.4	453.6	422.1	31.50	14.400		
9,825.0	9,713.0	9,721.7	9,712.1	18.2	17.1	141.23	39.8	-25.4	474.0	442.6	31.47	15.063		
9,850.0	9,724.0	9,732.6	9,723.1	18.2	17.1	139.59	39.8	-25.4	495.2	463.7	31.44	15.749		
9,875.0	9,733.8	9,742.4	9,732.9	18.2	17.1	137.45	39.8	-25.4	516.9	485.5	31.41	16.456		
9,900.0	9,742.3	9,751.0	9,741.4	18.3	17.1	134.67	39.8	-25.4	539.2	507.8	31.39	17.181		
9,925.0	9,749.6	9,758.3	9,748.7	18.3	17.1	131.07	39.8	-25.4	562.0	530.7	31.36	17.922		
9,950.0	9,755.7	9,764.3	9,754.8	18.3	17.1	126.42	39.8	-25.4	585.3	553.9	31.33	18.678		
9,975.0	9,760.5	9,769.1	9,759.6	18.3	17.1	120.42	39.8	-25.4	608.8	577.5	31.31	19.446		
10,000.0	9,763.9	9,772.6	9,763.0	18.3	17.1	112.79	39.8	-25.4	632.7	601.4	31.28	20.224		
10,025.0	9,766.1	9,774.8	9,765.2	18.4	17.1	103.29	39.8	-25.4	656.8	625.5	31.26	21.011		
10,050.3	9,767.0	9,775.7	9,766.1	18.4	17.1	91.91	39.8	-25.4	681.3	650.1	31.23	21.814		
10,100.0	9,767.4	9,776.1	9,766.5	18.4	17.1	92.05	39.8	-25.4	729.6	698.4	31.18	23.399		
10,200.0	9,768.2	9,776.9	9,767.3	18.5	17.1	92.34	39.8	-25.4	827.3	796.2	31.10	26.599		
10,300.0	9,769.1	9,777.7	9,768.2	18.6	17.1	92.63	39.8	-25.4	925.5	894.5	31.05	29.808		

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well TATER SALAD FEDERAL COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	RKB=25ft @ 2939.0usft
Reference Site:	TATER SALAD & MOMBA FEDERAL (ATLAS 2628)	MD Reference:	RKB=25ft @ 2939.0usft
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	TATER SALAD FEDERAL COM #701H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 17 Central Planning Prod
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

Offset Design: TATER SALAD & MOMBA FEDERAL (ATLAS 2628) - TATER SALAD FEDERAL COM #902H - OWB - PWP2													Offset Site Error: 3.0 usft		
Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 2500-r.5 MWD+IFR1, 9991-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		
0.0	0.0	0.0	0.0	3.0	3.0	-90.36	-1.8	-290.0	290.0						
100.0	100.0	99.0	99.0	3.1	3.1	-90.36	-1.8	-290.0	290.0	282.9	7.09	40.906			
200.0	200.0	199.0	199.0	3.2	3.2	-90.36	-1.8	-290.0	290.0	282.7	7.33	39.573			
300.0	300.0	299.0	299.0	3.3	3.3	-90.36	-1.8	-290.0	290.0	282.4	7.56	38.364			
400.0	400.0	399.0	399.0	3.4	3.4	-90.36	-1.8	-290.0	290.0	282.2	7.78	37.266			
500.0	500.0	499.0	499.0	3.6	3.6	-90.36	-1.8	-290.0	290.0	282.0	8.00	36.262			
600.0	600.0	599.0	599.0	3.7	3.7	-90.36	-1.8	-290.0	290.0	281.8	8.21	35.338			
700.0	700.0	699.0	699.0	3.8	3.8	-90.36	-1.8	-290.0	290.0	281.6	8.41	34.484			
800.0	800.0	799.0	799.0	3.9	3.9	-90.36	-1.8	-290.0	290.0	281.4	8.61	33.693			
900.0	900.0	899.0	899.0	4.0	4.0	-90.36	-1.8	-290.0	290.0	281.2	8.80	32.955			
1,000.0	1,000.0	999.0	999.0	4.2	4.2	-90.36	-1.8	-290.0	290.0	281.0	8.99	32.266			
1,100.0	1,100.0	1,099.0	1,099.0	4.3	4.3	-90.36	-1.8	-290.0	290.0	280.8	9.17	31.620			
1,200.0	1,200.0	1,199.0	1,199.0	4.4	4.4	-90.36	-1.8	-290.0	290.0	280.7	9.35	31.013			
1,300.0	1,300.0	1,299.0	1,299.0	4.5	4.5	-90.36	-1.8	-290.0	290.0	280.5	9.53	30.441			
1,400.0	1,400.0	1,399.0	1,399.0	4.6	4.6	-90.36	-1.8	-290.0	290.0	280.3	9.70	29.901			
1,500.0	1,500.0	1,499.0	1,499.0	4.8	4.8	-90.36	-1.8	-290.0	290.0	280.1	9.87	29.390			
1,600.0	1,600.0	1,599.0	1,599.0	4.9	4.9	-50.64	-1.8	-290.0	288.9	279.0	9.87	29.263			
1,700.0	1,699.8	1,698.8	1,698.8	5.2	5.0	-51.50	-1.8	-290.0	285.6	275.4	10.16	28.116			
1,800.0	1,799.5	1,798.5	1,798.5	5.4	5.1	-52.98	-1.8	-290.0	280.3	269.8	10.44	26.841			
1,900.0	1,898.9	1,897.9	1,897.9	5.6	5.2	-54.72	-1.8	-290.0	274.1	263.4	10.69	25.643			
2,000.0	1,998.4	1,997.4	1,997.4	5.9	5.3	-56.53	-1.8	-290.0	268.1	257.2	10.94	24.518			
2,100.0	2,097.8	2,096.8	2,096.8	6.1	5.5	-58.43	-1.8	-290.0	262.5	251.3	11.19	23.468			
2,200.0	2,197.3	2,196.3	2,196.3	6.4	5.6	-60.41	-1.8	-290.0	257.2	245.7	11.43	22.493			
2,300.0	2,296.7	2,295.7	2,295.7	6.6	5.7	-62.46	-1.8	-290.0	252.1	240.5	11.68	21.592			
2,400.0	2,396.2	2,395.2	2,395.2	6.9	5.8	-64.60	-1.8	-290.0	247.5	235.5	11.92	20.764			
2,500.0	2,495.6	2,494.6	2,494.6	7.2	5.9	-66.82	-1.8	-290.0	243.1	231.0	12.15	20.006			
2,600.0	2,595.1	2,594.1	2,594.1	7.5	6.1	-69.11	-1.8	-290.0	239.2	226.9	12.32	19.422			
2,700.0	2,694.5	2,693.5	2,693.5	7.9	6.2	-71.47	-1.8	-290.0	235.7	223.1	12.59	18.713			
2,800.0	2,794.0	2,793.0	2,793.0	8.2	6.3	-73.90	-1.8	-290.0	232.5	219.7	12.86	18.077			
2,900.0	2,893.4	2,892.4	2,892.4	8.5	6.4	-76.39	-1.8	-290.0	229.8	216.7	13.13	17.508			
3,000.0	2,992.9	2,991.9	2,991.9	8.9	6.5	-78.94	-1.8	-290.0	227.6	214.2	13.39	17.000			
3,081.5	3,073.9	3,069.2	3,069.1	9.1	6.6	-80.88	-1.9	-290.6	226.7	213.1	13.61	16.656 CC			
3,100.0	3,092.3	3,086.7	3,086.6	9.2	6.7	-81.30	-1.9	-291.0	226.7	213.1	13.66	16.597 ES			
3,200.0	3,191.8	3,181.2	3,181.1	9.6	6.8	-83.41	-2.3	-294.3	228.5	214.6	13.94	16.396			
3,300.0	3,291.2	3,275.7	3,275.5	9.9	6.9	-85.21	-3.0	-299.9	232.8	218.6	14.22	16.373			
3,400.0	3,390.7	3,371.3	3,370.7	10.3	6.9	-86.69	-4.0	-307.8	239.4	225.0	14.46	16.564			
3,500.0	3,490.1	3,470.9	3,469.9	10.6	7.0	-88.05	-5.1	-316.9	246.9	232.1	14.74	16.749			
3,600.0	3,589.6	3,570.4	3,569.0	11.0	7.1	-89.34	-6.2	-325.9	254.4	239.4	15.05	16.905			
3,700.0	3,689.0	3,670.0	3,668.1	11.4	7.3	-90.55	-7.3	-335.0	262.1	246.7	15.37	17.052			
3,800.0	3,788.5	3,769.5	3,767.3	11.7	7.4	-91.69	-8.4	-344.0	269.9	254.2	15.70	17.189			
3,900.0	3,887.9	3,869.1	3,866.4	12.1	7.6	-92.76	-9.5	-353.0	277.8	261.7	16.04	17.318			
4,000.0	3,987.4	3,968.6	3,965.6	12.5	7.8	-93.78	-10.7	-362.1	285.8	269.4	16.39	17.440			
4,100.0	4,086.9	4,068.2	4,064.7	12.9	8.1	-94.74	-11.8	-371.1	293.8	277.1	16.74	17.556			
4,185.6	4,172.0	4,153.4	4,149.6	13.2	8.3	-95.52	-12.7	-378.9	300.8	283.8	17.03	17.665			
4,200.0	4,186.3	4,167.7	4,163.8	13.2	8.4	-95.66	-12.9	-380.2	302.0	284.9	17.07	17.691			
4,300.0	4,285.9	4,267.4	4,263.0	13.6	8.7	-96.39	-14.0	-389.2	310.1	292.6	17.46	17.761			
4,400.0	4,385.6	4,367.0	4,362.3	14.0	9.0	-96.78	-15.1	-398.3	318.0	300.2	17.81	17.856			
4,500.0	4,485.4	4,466.7	4,461.6	14.3	9.3	-96.85	-16.2	-407.3	325.7	307.6	18.15	17.941			
4,600.0	4,585.3	4,566.4	4,560.8	14.6	9.6	-96.61	-17.3	-416.4	333.2	314.7	18.50	18.015			
4,700.0	4,685.3	4,666.1	4,660.1	14.9	9.9	-96.10	-18.4	-425.4	340.6	321.7	18.84	18.076			
4,785.6	4,770.9	4,751.4	4,745.0	15.0	10.2	-135.45	-19.4	-433.2	346.7	327.6	19.12	18.132			

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well TATER SALAD FEDERAL COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	RKB=25ft @ 2939.0usft
Reference Site:	TATER SALAD & MOMBA FEDERAL (ATLAS 2628)	MD Reference:	RKB=25ft @ 2939.0usft
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	TATER SALAD FEDERAL COM #701H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 17 Central Planning Prod
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

Offset Design: TATER SALAD & MOMBA FEDERAL (ATLAS 2628) - TATER SALAD FEDERAL COM #902H - OWB - PWP2												Offset Site Error:	3.0 usft
Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 2500-r.5 MWD+IFR1, 9991-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 +N/-S (usft)	+E/-W (usft)	Distance Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
4,800.0	4,785.3	4,765.7	4,759.3	15.0	10.2	-135.32	-19.5	-434.5	347.8	328.6	19.16	18.148	
4,900.0	4,885.3	4,865.3	4,858.4	15.1	10.5	-134.40	-20.7	-443.5	355.0	335.5	19.55	18.161	
5,000.0	4,985.3	4,964.9	4,957.6	15.2	10.9	-133.52	-21.8	-452.6	362.3	342.4	19.92	18.190	
5,100.0	5,085.3	5,064.4	5,056.8	15.2	11.2	-132.68	-22.9	-461.6	369.7	349.5	20.29	18.224	
5,200.0	5,185.3	5,166.5	5,158.5	15.3	11.5	-131.88	-24.0	-470.5	376.9	356.2	20.68	18.229	
5,300.0	5,285.3	5,269.0	5,260.6	15.3	11.8	-131.19	-25.0	-478.5	383.4	362.4	21.09	18.184	
5,400.0	5,385.3	5,371.7	5,363.0	15.4	12.2	-130.60	-25.8	-485.7	389.3	367.8	21.49	18.111	
5,500.0	5,485.3	5,474.4	5,465.6	15.5	12.5	-130.09	-26.6	-491.9	394.4	372.5	21.89	18.012	
5,600.0	5,585.3	5,577.3	5,568.3	15.5	12.8	-129.67	-27.2	-497.2	398.7	376.5	22.29	17.889	
5,700.0	5,685.3	5,680.2	5,671.1	15.6	13.1	-129.33	-27.8	-501.6	402.4	379.7	22.68	17.745	
5,800.0	5,785.3	5,783.2	5,774.1	15.7	13.4	-129.06	-28.2	-505.1	405.3	382.2	23.05	17.585	
5,900.0	5,885.3	5,886.3	5,877.1	15.7	13.7	-128.87	-28.5	-507.7	407.4	384.0	23.40	17.409	
6,000.0	5,985.3	5,989.4	5,980.2	15.8	14.0	-128.74	-28.7	-509.4	408.8	385.1	23.73	17.225	
6,100.0	6,085.3	6,092.5	6,083.3	15.8	14.2	-128.69	-28.8	-510.1	409.4	385.4	24.02	17.043	
6,200.0	6,185.3	6,193.5	6,184.3	15.9	14.3	-128.69	-28.8	-510.2	409.5	385.3	24.17	16.942	
6,300.0	6,285.3	6,293.5	6,284.3	16.0	14.3	-128.69	-28.8	-510.2	409.5	385.1	24.31	16.841	
6,400.0	6,385.3	6,393.5	6,384.3	16.0	14.4	-128.69	-28.8	-510.2	409.5	385.0	24.46	16.742	
6,500.0	6,485.3	6,493.5	6,484.3	16.1	14.4	-128.69	-28.8	-510.2	409.5	384.8	24.60	16.643	
6,600.0	6,585.3	6,593.5	6,584.3	16.2	14.5	-128.69	-28.8	-510.2	409.5	384.7	24.75	16.545	
6,700.0	6,685.3	6,693.5	6,684.3	16.2	14.5	-128.69	-28.8	-510.2	409.5	384.6	24.89	16.448	
6,800.0	6,785.3	6,793.5	6,784.3	16.3	14.6	-128.69	-28.8	-510.2	409.5	384.4	25.04	16.353	
6,900.0	6,885.3	6,893.5	6,884.3	16.3	14.6	-128.69	-28.8	-510.2	409.5	384.3	25.18	16.258	
7,000.0	6,985.3	6,993.5	6,984.3	16.4	14.7	-128.69	-28.8	-510.2	409.5	384.1	25.33	16.164	
7,100.0	7,085.3	7,093.5	7,084.3	16.5	14.7	-128.69	-28.8	-510.2	409.5	384.0	25.48	16.071	
7,200.0	7,185.3	7,193.5	7,184.3	16.5	14.8	-128.69	-28.8	-510.2	409.5	383.8	25.62	15.979	
7,300.0	7,285.3	7,293.5	7,284.3	16.6	14.9	-128.69	-28.8	-510.2	409.5	383.7	25.77	15.888	
7,400.0	7,385.3	7,393.5	7,384.3	16.7	14.9	-128.69	-28.8	-510.2	409.5	383.5	25.92	15.798	
7,500.0	7,485.3	7,493.5	7,484.3	16.7	15.0	-128.69	-28.8	-510.2	409.5	383.4	26.06	15.709	
7,600.0	7,585.3	7,593.5	7,584.3	16.8	15.0	-128.69	-28.8	-510.2	409.5	383.2	26.21	15.621	
7,700.0	7,685.3	7,693.5	7,684.3	16.9	15.1	-128.69	-28.8	-510.2	409.5	383.1	26.36	15.534	
7,800.0	7,785.3	7,793.5	7,784.3	16.9	15.1	-128.69	-28.8	-510.2	409.5	382.9	26.51	15.447	
7,900.0	7,885.3	7,893.5	7,884.3	17.0	15.2	-128.69	-28.8	-510.2	409.5	382.8	26.65	15.362	
8,000.0	7,985.3	7,993.5	7,984.3	17.0	15.2	-128.69	-28.8	-510.2	409.5	382.6	26.80	15.277	
8,100.0	8,085.3	8,093.5	8,084.3	17.1	15.3	-128.69	-28.8	-510.2	409.5	382.5	26.95	15.193	
8,200.0	8,185.3	8,193.5	8,184.3	17.2	15.4	-128.69	-28.8	-510.2	409.5	382.4	27.10	15.110	
8,300.0	8,285.3	8,293.5	8,284.3	17.2	15.4	-128.69	-28.8	-510.2	409.5	382.2	27.25	15.028	
8,400.0	8,385.3	8,393.5	8,384.3	17.3	15.5	-128.69	-28.8	-510.2	409.5	382.1	27.39	14.946	
8,500.0	8,485.3	8,493.5	8,484.3	17.4	15.5	-128.69	-28.8	-510.2	409.5	381.9	27.54	14.866	
8,600.0	8,585.3	8,593.5	8,584.3	17.4	15.6	-128.69	-28.8	-510.2	409.5	381.8	27.69	14.786	
8,700.0	8,685.3	8,693.5	8,684.3	17.5	15.7	-128.69	-28.8	-510.2	409.5	381.6	27.84	14.707	
8,800.0	8,785.3	8,793.5	8,784.3	17.6	15.7	-128.69	-28.8	-510.2	409.5	381.5	27.99	14.629	
8,900.0	8,885.3	8,893.5	8,884.3	17.6	15.8	-128.69	-28.8	-510.2	409.5	381.3	28.14	14.551	
9,000.0	8,985.3	8,993.5	8,984.3	17.7	15.8	-128.69	-28.8	-510.2	409.5	381.2	28.29	14.474	
9,100.0	9,085.3	9,093.5	9,084.3	17.8	15.9	-128.69	-28.8	-510.2	409.5	381.0	28.44	14.398	
9,200.0	9,185.3	9,193.5	9,184.3	17.8	15.9	-128.69	-28.8	-510.2	409.5	380.9	28.59	14.323	
9,300.0	9,285.3	9,293.5	9,284.3	17.9	16.0	-128.69	-28.8	-510.2	409.5	380.7	28.74	14.247	
9,304.3	9,289.6	9,297.7	9,288.6	17.9	16.0	-128.69	-28.8	-510.2	409.5	380.7	28.75	14.243	
9,325.0	9,310.3	9,318.5	9,309.3	17.9	16.0	-128.64	-28.8	-510.2	409.7	381.1	28.64	14.308	
9,350.0	9,335.2	9,343.4	9,334.2	17.9	16.0	-128.73	-28.8	-510.2	410.8	382.2	28.65	14.340	
9,375.0	9,360.0	9,368.2	9,359.0	17.9	16.0	-128.88	-28.8	-510.2	412.7	384.1	28.66	14.403	
9,400.0	9,384.6	9,392.8	9,383.6	17.9	16.1	-129.08	-28.8	-510.2	415.5	386.8	28.66	14.498	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well TATER SALAD FEDERAL COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	RKB=25ft @ 2939.0usft
Reference Site:	TATER SALAD & MOMBA FEDERAL (ATLAS 2628)	MD Reference:	RKB=25ft @ 2939.0usft
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	TATER SALAD FEDERAL COM #701H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 17 Central Planning Prod
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

Offset Design: TATER SALAD & MOMBA FEDERAL (ATLAS 2628) - TATER SALAD FEDERAL COM #902H - OWB - PWP2													Offset Site Error:	3.0 usft
Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 2500-r.5 MWD+IFR1, 9991-r.5 MWD+IFR1+MS													Offset Well Error:	3.0 usft
Reference	Offset	Semi Major Axis	Reference	Offset	Highside Toolface	Offset Wellbore Centre	Distance	Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	(usft)	(usft)	(°)	+N/-S (usft)	+E/-W (usft)	(usft)	(usft)	(usft)	(usft)		
9,425.0	9,409.0	9,417.2	9,408.0	17.9	16.1	-129.33	-28.8	-510.2	419.1	390.4	28.66	14.625		
9,450.0	9,433.0	9,441.2	9,432.0	18.0	16.1	-129.61	-28.8	-510.2	423.6	394.9	28.65	14.785		
9,475.0	9,456.7	9,464.9	9,455.7	18.0	16.1	-129.92	-28.8	-510.2	429.0	400.3	28.64	14.977		
9,500.0	9,479.9	9,488.0	9,478.9	18.0	16.1	-130.23	-28.8	-510.2	435.2	406.6	28.63	15.202		
9,525.0	9,502.5	9,510.7	9,501.5	18.0	16.1	-130.54	-28.8	-510.2	442.5	413.8	28.62	15.460		
9,550.0	9,524.6	9,532.8	9,523.6	18.0	16.1	-130.81	-28.8	-510.2	450.7	422.0	28.61	15.751		
9,575.0	9,546.0	9,554.2	9,545.0	18.0	16.2	-131.05	-28.8	-510.2	459.8	431.2	28.60	16.075		
9,600.0	9,566.7	9,574.9	9,565.7	18.0	16.2	-131.22	-28.8	-510.2	469.9	441.3	28.60	16.431		
9,625.0	9,586.7	9,594.9	9,585.7	18.1	16.2	-131.32	-28.8	-510.2	481.1	452.5	28.60	16.819		
9,650.0	9,605.9	9,614.0	9,604.9	18.1	16.2	-131.31	-28.8	-510.2	493.2	464.6	28.61	17.240		
9,675.0	9,624.1	9,632.3	9,623.1	18.1	16.2	-131.19	-28.8	-510.2	506.3	477.7	28.62	17.691		
9,700.0	9,641.5	9,649.7	9,640.5	18.1	16.2	-130.92	-28.8	-510.2	520.3	491.7	28.63	18.172		
9,725.0	9,657.9	9,666.1	9,656.9	18.1	16.2	-130.49	-28.8	-510.2	535.3	506.7	28.65	18.682		
9,750.0	9,673.3	9,681.5	9,672.3	18.1	16.2	-129.86	-28.8	-510.2	551.3	522.6	28.68	19.221		
9,775.0	9,687.6	9,695.8	9,686.6	18.2	16.2	-129.01	-28.8	-510.2	568.1	539.3	28.71	19.786		
9,800.0	9,700.9	9,709.1	9,699.9	18.2	16.3	-127.90	-28.8	-510.2	585.7	556.9	28.74	20.377		
9,825.0	9,713.0	9,721.2	9,712.0	18.2	16.3	-126.50	-28.8	-510.2	604.1	575.3	28.78	20.992		
9,850.0	9,724.0	9,732.2	9,723.0	18.2	16.3	-124.75	-28.8	-510.2	623.3	594.5	28.82	21.629		
9,875.0	9,733.8	9,741.9	9,732.8	18.2	16.3	-122.60	-28.8	-510.2	643.1	614.3	28.86	22.288		
9,900.0	9,742.3	9,750.5	9,741.3	18.3	16.3	-119.99	-28.8	-510.2	663.6	634.7	28.90	22.966		
9,925.0	9,749.6	9,757.8	9,748.6	18.3	16.3	-116.84	-28.8	-510.2	684.7	655.7	28.94	23.661		
9,950.0	9,755.7	9,763.9	9,754.7	18.3	16.3	-113.09	-28.8	-510.2	706.2	677.2	28.98	24.373		
9,975.0	9,760.5	9,768.6	9,759.5	18.3	16.3	-108.67	-28.8	-510.2	728.2	699.1	29.01	25.098		
10,000.0	9,763.9	9,772.1	9,762.9	18.3	16.3	-103.53	-28.8	-510.2	750.5	721.4	29.05	25.836		
10,025.0	9,766.1	10,959.9	10,461.3	18.4	17.3	-155.29	667.8	-511.0	766.2	728.0	38.17	20.075		
10,049.4	9,767.0	10,984.3	10,461.6	18.4	17.4	-155.30	692.1	-511.0	765.6	727.4	38.26	20.013		
10,050.3	9,767.0	10,985.2	10,461.6	18.4	17.4	-155.30	693.1	-511.0	765.6	727.4	38.26	20.011		
10,100.0	9,767.4	11,034.9	10,462.1	18.4	17.5	-155.30	742.8	-511.1	765.7	727.3	38.45	19.913		
10,200.0	9,768.2	11,134.9	10,463.1	18.5	17.8	-155.31	842.8	-511.2	765.9	727.0	38.89	19.694		
10,300.0	9,769.1	11,234.9	10,464.1	18.6	18.1	-155.32	942.8	-511.3	766.1	726.7	39.38	19.452		
10,400.0	9,769.9	11,334.9	10,465.2	18.8	18.4	-155.32	1,042.8	-511.4	766.3	726.3	39.93	19.190		
10,500.0	9,770.7	11,434.9	10,466.2	18.9	18.8	-155.33	1,142.7	-511.5	766.4	725.9	40.53	18.911		
10,600.0	9,771.6	11,534.9	10,467.2	19.1	19.1	-155.33	1,242.7	-511.7	766.6	725.4	41.18	18.617		
10,700.0	9,772.4	11,634.9	10,468.2	19.3	19.5	-155.34	1,342.7	-511.8	766.8	724.9	41.88	18.312		
10,800.0	9,773.2	11,734.9	10,469.3	19.6	20.0	-155.35	1,442.7	-511.9	767.0	724.4	42.62	17.997		
10,900.0	9,774.1	11,834.9	10,470.3	19.9	20.4	-155.35	1,542.7	-512.0	767.2	723.8	43.40	17.676		
11,000.0	9,774.9	11,934.9	10,471.3	20.2	20.9	-155.36	1,642.7	-512.1	767.3	723.1	44.22	17.351		
11,100.0	9,775.7	12,034.9	10,472.3	20.6	21.3	-155.36	1,742.7	-512.3	767.5	722.4	45.09	17.023		
11,200.0	9,776.5	12,134.9	10,473.4	21.0	21.8	-155.37	1,842.7	-512.4	767.7	721.7	45.99	16.694		
11,300.0	9,777.4	12,234.9	10,474.4	21.4	22.4	-155.38	1,942.7	-512.5	767.9	721.0	46.92	16.366		
11,400.0	9,778.2	12,334.9	10,475.4	21.9	22.9	-155.38	2,042.7	-512.6	768.1	720.2	47.88	16.040		
11,500.0	9,779.0	12,434.9	10,476.4	22.4	23.4	-155.39	2,142.7	-512.7	768.2	719.4	48.88	15.718		
11,600.0	9,779.9	12,534.9	10,477.5	22.9	24.0	-155.40	2,242.7	-512.8	768.4	718.5	49.90	15.399		
11,700.0	9,780.7	12,634.9	10,478.5	23.4	24.5	-155.40	2,342.7	-513.0	768.6	717.6	50.95	15.086		
11,800.0	9,781.5	12,734.9	10,479.5	23.9	25.1	-155.41	2,442.7	-513.1	768.8	716.7	52.02	14.778		
11,900.0	9,782.4	12,834.9	10,480.6	24.5	25.7	-155.41	2,542.7	-513.2	768.9	715.8	53.12	14.476		
12,000.0	9,783.2	12,934.9	10,481.6	25.1	26.3	-155.42	2,642.7	-513.3	769.1	714.9	54.24	14.181		
12,100.0	9,784.0	13,034.9	10,482.6	25.6	26.9	-155.43	2,742.7	-513.4	769.3	713.9	55.38	13.892		
12,200.0	9,784.8	13,134.9	10,483.6	26.2	27.5	-155.43	2,842.7	-513.5	769.5	713.0	56.53	13.611		
12,300.0	9,785.7	13,234.9	10,484.7	26.9	28.1	-155.44	2,942.6	-513.7	769.7	712.0	57.71	13.336		
12,400.0	9,786.5	13,334.9	10,485.7	27.5	28.7	-155.44	3,042.6	-513.8	769.8	710.9	58.90	13.069		

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well TATER SALAD FEDERAL COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	RKB=25ft @ 2939.0usft
Reference Site:	TATER SALAD & MOMBA FEDERAL (ATLAS 2628)	MD Reference:	RKB=25ft @ 2939.0usft
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	TATER SALAD FEDERAL COM #701H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 17 Central Planning Prod
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

Offset Design: TATER SALAD & MOMBA FEDERAL (ATLAS 2628) - TATER SALAD FEDERAL COM #902H - OWB - PWP2												Offset Site Error:	3.0 usft
Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 2500-r.5 MWD+IFR1, 9991-r.5 MWD+IFR1+MS												Offset Well Error:	3.0 usft
Reference	Offset	Semi Major Axis		Offset Wellbore Centre		Distance		Rule Assigned:		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	
12,500.0	9,787.3	13,434.9	10,486.7	28.1	29.4	-155.45	3,142.6	-513.9	770.0	709.9	60.11	12.809	
12,600.0	9,788.2	13,534.9	10,487.7	28.7	30.0	-155.46	3,242.6	-514.0	770.2	708.9	61.34	12.556	
12,700.0	9,789.0	13,634.9	10,488.8	29.4	30.6	-155.46	3,342.6	-514.1	770.4	707.8	62.58	12.311	
12,800.0	9,789.8	13,734.9	10,489.8	30.0	31.3	-155.47	3,442.6	-514.3	770.6	706.7	63.83	12.072	
12,900.0	9,790.7	13,834.9	10,490.8	30.7	31.9	-155.47	3,542.6	-514.4	770.7	705.6	65.10	11.840	
13,000.0	9,791.5	13,934.9	10,491.8	31.3	32.6	-155.48	3,642.6	-514.5	770.9	704.5	66.37	11.615	
13,100.0	9,792.3	14,034.9	10,492.9	32.0	33.2	-155.49	3,742.6	-514.6	771.1	703.4	67.66	11.397	
13,200.0	9,793.2	14,134.9	10,493.9	32.7	33.9	-155.49	3,842.6	-514.7	771.3	702.3	68.96	11.185	
13,300.0	9,794.0	14,234.9	10,494.9	33.3	34.6	-155.50	3,942.6	-514.8	771.5	701.2	70.27	10.979	
13,400.0	9,794.8	14,334.9	10,496.0	34.0	35.3	-155.50	4,042.6	-515.0	771.6	700.0	71.58	10.779	
13,500.0	9,795.6	14,434.9	10,497.0	34.7	35.9	-155.51	4,142.6	-515.1	771.8	698.9	72.91	10.586	
13,600.0	9,796.5	14,534.9	10,498.0	35.4	36.6	-155.52	4,242.6	-515.2	772.0	697.7	74.25	10.398	
13,700.0	9,797.3	14,634.9	10,499.0	36.1	37.3	-155.52	4,342.6	-515.3	772.2	696.6	75.59	10.215	
13,800.0	9,798.1	14,734.9	10,500.1	36.8	38.0	-155.53	4,442.6	-515.4	772.4	695.4	76.94	10.038	
13,900.0	9,799.0	14,834.9	10,501.1	37.5	38.7	-155.53	4,542.6	-515.6	772.5	694.2	78.30	9.867	
14,000.0	9,799.8	14,934.9	10,502.1	38.2	39.4	-155.54	4,642.6	-515.7	772.7	693.0	79.66	9.700	
14,100.0	9,800.6	15,034.9	10,503.1	38.9	40.1	-155.55	4,742.5	-515.8	772.9	691.9	81.03	9.538	
14,200.0	9,801.5	15,134.9	10,504.2	39.6	40.8	-155.55	4,842.5	-515.9	773.1	690.7	82.41	9.381	
14,300.0	9,802.3	15,234.9	10,505.2	40.3	41.5	-155.56	4,942.5	-516.0	773.2	689.5	83.79	9.228	
14,400.0	9,803.1	15,334.9	10,506.2	41.0	42.2	-155.56	5,042.5	-516.1	773.4	688.2	85.18	9.080	
14,500.0	9,803.9	15,434.9	10,507.2	41.7	42.9	-155.57	5,142.5	-516.3	773.6	687.0	86.57	8.936	
14,600.0	9,804.8	15,534.9	10,508.3	42.4	43.6	-155.58	5,242.5	-516.4	773.8	685.8	87.97	8.796	
14,700.0	9,805.6	15,634.9	10,509.3	43.1	44.3	-155.58	5,342.5	-516.5	774.0	684.6	89.37	8.660	
14,800.0	9,806.4	15,734.9	10,510.3	43.8	45.0	-155.59	5,442.5	-516.6	774.1	683.4	90.78	8.527	
14,900.0	9,807.3	15,834.9	10,511.4	44.5	45.7	-155.59	5,542.5	-516.7	774.3	682.1	92.19	8.399	
15,000.0	9,808.1	15,934.9	10,512.4	45.2	46.4	-155.60	5,642.5	-516.8	774.5	680.9	93.61	8.274	
15,100.0	9,808.9	16,034.9	10,513.4	46.0	47.1	-155.60	5,742.5	-517.0	774.7	679.6	95.03	8.152	
15,200.0	9,809.8	16,134.9	10,514.4	46.7	47.9	-155.61	5,842.5	-517.1	774.9	678.4	96.45	8.033	
15,300.0	9,810.6	16,234.9	10,515.5	47.4	48.6	-155.62	5,942.5	-517.2	775.0	677.2	97.88	7.918	
15,400.0	9,811.4	16,334.9	10,516.5	48.1	49.3	-155.62	6,042.5	-517.3	775.2	675.9	99.31	7.806	
15,500.0	9,812.3	16,434.9	10,517.5	48.9	50.0	-155.63	6,142.5	-517.4	775.4	674.7	100.75	7.696	
15,600.0	9,813.1	16,534.9	10,518.5	49.6	50.7	-155.63	6,242.5	-517.6	775.6	673.4	102.19	7.590	
15,700.0	9,813.9	16,634.9	10,519.6	50.3	51.5	-155.64	6,342.5	-517.7	775.8	672.1	103.63	7.486	
15,800.0	9,814.7	16,734.9	10,520.6	51.0	52.2	-155.65	6,442.5	-517.8	775.9	670.9	105.07	7.385	
15,900.0	9,815.6	16,834.9	10,521.6	51.8	52.9	-155.65	6,542.4	-517.9	776.1	669.6	106.52	7.286	
16,000.0	9,816.4	16,934.9	10,522.6	52.5	53.6	-155.66	6,642.4	-518.0	776.3	668.3	107.96	7.190	
16,100.0	9,817.2	17,034.9	10,523.7	53.2	54.4	-155.66	6,742.4	-518.1	776.5	667.1	109.42	7.097	
16,200.0	9,818.1	17,134.9	10,524.7	54.0	55.1	-155.67	6,842.4	-518.3	776.7	665.8	110.87	7.005	
16,300.0	9,818.9	17,234.9	10,525.7	54.7	55.8	-155.68	6,942.4	-518.4	776.8	664.5	112.33	6.916	
16,400.0	9,819.7	17,334.9	10,526.8	55.4	56.5	-155.68	7,042.4	-518.5	777.0	663.2	113.78	6.829	
16,500.0	9,820.6	17,434.9	10,527.8	56.2	57.3	-155.69	7,142.4	-518.6	777.2	661.9	115.25	6.744	
16,600.0	9,821.4	17,534.9	10,528.8	56.9	58.0	-155.69	7,242.4	-518.7	777.4	660.7	116.71	6.661	
16,700.0	9,822.2	17,634.9	10,529.8	57.6	58.7	-155.70	7,342.4	-518.8	777.5	659.4	118.17	6.580	
16,800.0	9,823.0	17,734.9	10,530.9	58.4	59.5	-155.71	7,442.4	-519.0	777.7	658.1	119.64	6.501	
16,900.0	9,823.9	17,834.9	10,531.9	59.1	60.2	-155.71	7,542.4	-519.1	777.9	656.8	121.11	6.423	
17,000.0	9,824.7	17,934.9	10,532.9	59.8	60.9	-155.72	7,642.4	-519.2	778.1	655.5	122.58	6.348	
17,100.0	9,825.5	18,034.9	10,533.9	60.6	61.7	-155.72	7,742.4	-519.3	778.3	654.2	124.05	6.274	
17,200.0	9,826.4	18,134.9	10,535.0	61.3	62.4	-155.73	7,842.4	-519.4	778.4	652.9	125.53	6.201	
17,300.0	9,827.2	18,234.9	10,536.0	62.1	63.2	-155.73	7,942.4	-519.6	778.6	651.6	127.00	6.131	
17,400.0	9,828.0	18,334.9	10,537.0	62.8	63.9	-155.74	8,042.4	-519.7	778.8	650.3	128.48	6.062	
17,500.0	9,828.9	18,434.9	10,538.0	63.5	64.6	-155.75	8,142.4	-519.8	779.0	649.0	129.96	5.994	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well TATER SALAD FEDERAL COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	RKB=25ft @ 2939.0usft
Reference Site:	TATER SALAD & MOMBA FEDERAL (ATLAS 2628)	MD Reference:	RKB=25ft @ 2939.0usft
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	TATER SALAD FEDERAL COM #701H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 17 Central Planning Prod
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

Offset Design: TATER SALAD & MOMBA FEDERAL (ATLAS 2628) - TATER SALAD FEDERAL COM #902H - OWB - PWP2											Offset Site Error:	3.0 usft
Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 2500-r.5 MWD+IFR1, 9991-r.5 MWD+IFR1+MS											Offset Well Error:	3.0 usft
Reference	Offset	Semi Major Axis		Rule Assigned:		Distance		Minimum Separation		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)	Separation Factor	
17,600.0	9,829.7	18,534.9	10,539.1	64.3	65.4	-155.75	8,242.4	-519.9	779.2	647.7	131.44	5.928
17,700.0	9,830.5	18,634.9	10,540.1	65.0	66.1	-155.76	8,342.3	-520.0	779.3	646.4	132.92	5.863
17,800.0	9,831.3	18,734.9	10,541.1	65.8	66.8	-155.76	8,442.3	-520.1	779.5	645.1	134.40	5.800
17,900.0	9,832.2	18,834.9	10,542.2	66.5	67.6	-155.77	8,542.3	-520.3	779.7	643.8	135.89	5.738
18,000.0	9,833.0	18,934.9	10,543.2	67.3	68.3	-155.78	8,642.3	-520.4	779.9	642.5	137.37	5.677
18,100.0	9,833.8	19,034.9	10,544.2	68.0	69.1	-155.78	8,742.3	-520.5	780.1	641.2	138.86	5.618
18,200.0	9,834.7	19,134.9	10,545.2	68.7	69.8	-155.79	8,842.3	-520.6	780.2	639.9	140.35	5.559
18,300.0	9,835.5	19,234.9	10,546.3	69.5	70.6	-155.79	8,942.3	-520.7	780.4	638.6	141.84	5.502
18,400.0	9,836.3	19,334.9	10,547.3	70.2	71.3	-155.80	9,042.3	-520.9	780.6	637.3	143.33	5.446
18,500.0	9,837.2	19,434.9	10,548.3	71.0	72.0	-155.81	9,142.3	-521.0	780.8	636.0	144.82	5.391
18,600.0	9,838.0	19,534.9	10,549.3	71.7	72.8	-155.81	9,242.3	-521.1	781.0	634.6	146.31	5.338
18,700.0	9,838.8	19,634.9	10,550.4	72.5	73.5	-155.82	9,342.3	-521.2	781.1	633.3	147.81	5.285
18,800.0	9,839.7	19,734.9	10,551.4	73.2	74.3	-155.82	9,442.3	-521.3	781.3	632.0	149.30	5.233
18,900.0	9,840.5	19,834.9	10,552.4	74.0	75.0	-155.83	9,542.3	-521.4	781.5	630.7	150.80	5.182
19,000.0	9,841.3	19,934.9	10,553.5	74.7	75.8	-155.83	9,642.3	-521.6	781.7	629.4	152.29	5.133
19,100.0	9,842.1	20,034.9	10,554.5	75.5	76.5	-155.84	9,742.3	-521.7	781.9	628.1	153.79	5.084
19,200.0	9,843.0	20,134.9	10,555.5	76.2	77.3	-155.85	9,842.3	-521.8	782.0	626.7	155.29	5.036
19,300.0	9,843.8	20,234.9	10,556.5	77.0	78.0	-155.85	9,942.3	-521.9	782.2	625.4	156.79	4.989
19,400.0	9,844.6	20,334.9	10,557.6	77.7	78.7	-155.86	10,042.3	-522.0	782.4	624.1	158.29	4.943
19,500.0	9,845.5	20,434.9	10,558.6	78.5	79.5	-155.86	10,142.2	-522.1	782.6	622.8	159.79	4.898
19,600.0	9,846.3	20,534.9	10,559.6	79.2	80.2	-155.87	10,242.2	-522.3	782.8	621.5	161.29	4.853
19,700.0	9,847.1	20,634.9	10,560.6	80.0	81.0	-155.88	10,342.2	-522.4	782.9	620.1	162.79	4.809
19,796.1	9,847.9	20,730.9	10,561.6	80.7	81.7	-155.88	10,438.3	-522.5	783.1	618.9	164.24	4.768
19,800.0	9,848.0	20,734.9	10,561.7	80.7	81.7	-155.88	10,442.2	-522.5	783.1	618.8	164.30	4.766
19,900.0	9,848.8	20,834.9	10,562.7	81.5	82.5	-155.89	10,542.2	-522.6	783.3	617.5	165.80	4.724
19,926.1	9,849.0	20,860.9	10,563.0	81.7	82.7	-155.89	10,568.3	-522.6	783.3	617.2	166.19	4.714 SF

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well TATER SALAD FEDERAL COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	RKB=25ft @ 2939.0usft
Reference Site:	TATER SALAD & MOMBA FEDERAL (ATLAS 2628)	MD Reference:	RKB=25ft @ 2939.0usft
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	TATER SALAD FEDERAL COM #701H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 17 Central Planning Prod
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

Offset Design: TATER SALAD & MOMBA FEDERAL (ATLAS 2628) - TATER SALAD FEDERAL COM #903H - OWB - PWP2													Offset Site Error: 3.0 usft	
Survey Program: Reference		0-r.5 SDI_KPR_WL_NS-CT, 2500-r.5 MWD+IFR1, 10310-r.5 MWD+IFR1+MS							Rule Assigned:				Offset Well Error: 3.0 usft	
Offset		Offset		Semi Major Axis		Offset Wellbore Centre			Distance					
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	Warning	
0.0	0.0	0.0	0.0	3.0	3.0	-90.36	-2.0	-320.0	320.0					
100.0	100.0	99.1	99.1	3.1	3.1	-90.36	-2.0	-320.0	320.0	312.9	7.09	45.137		
200.0	200.0	199.1	199.1	3.2	3.2	-90.36	-2.0	-320.0	320.0	312.7	7.33	43.665		
300.0	300.0	299.1	299.1	3.3	3.3	-90.36	-2.0	-320.0	320.0	312.4	7.56	42.332		
400.0	400.0	399.1	399.1	3.4	3.4	-90.36	-2.0	-320.0	320.0	312.2	7.78	41.121		
500.0	500.0	499.1	499.1	3.6	3.6	-90.36	-2.0	-320.0	320.0	312.0	8.00	40.012		
600.0	600.0	599.1	599.1	3.7	3.7	-90.36	-2.0	-320.0	320.0	311.8	8.21	38.993		
700.0	700.0	699.1	699.1	3.8	3.8	-90.36	-2.0	-320.0	320.0	311.6	8.41	38.051		
800.0	800.0	799.1	799.1	3.9	3.9	-90.36	-2.0	-320.0	320.0	311.4	8.61	37.178		
900.0	900.0	899.1	899.1	4.0	4.0	-90.36	-2.0	-320.0	320.0	311.2	8.80	36.364		
1,000.0	1,000.0	999.1	999.1	4.2	4.2	-90.36	-2.0	-320.0	320.0	311.0	8.99	35.604		
1,100.0	1,100.0	1,099.1	1,099.1	4.3	4.3	-90.36	-2.0	-320.0	320.0	310.8	9.17	34.891		
1,200.0	1,200.0	1,199.1	1,199.1	4.4	4.4	-90.36	-2.0	-320.0	320.0	310.7	9.35	34.221		
1,300.0	1,300.0	1,299.1	1,299.1	4.5	4.5	-90.36	-2.0	-320.0	320.0	310.5	9.53	33.590		
1,400.0	1,400.0	1,399.1	1,399.1	4.6	4.6	-90.36	-2.0	-320.0	320.0	310.3	9.70	32.994		
1,500.0	1,500.0	1,499.1	1,499.1	4.8	4.8	-90.36	-2.0	-320.0	320.0	310.1	9.87	32.430		
1,600.0	1,600.0	1,599.1	1,599.1	4.9	4.9	-50.62	-2.0	-320.0	318.9	309.0	9.87	32.301		
1,700.0	1,699.8	1,698.9	1,698.9	5.2	5.0	-51.40	-2.0	-320.0	315.6	305.4	10.16	31.068		
1,800.0	1,799.5	1,798.6	1,798.6	5.4	5.1	-52.74	-2.0	-320.0	310.2	299.8	10.44	29.708		
1,900.0	1,898.9	1,898.0	1,898.0	5.6	5.2	-54.30	-2.0	-320.0	304.0	293.3	10.69	28.437		
2,000.0	1,998.4	1,997.5	1,997.5	5.9	5.3	-55.93	-2.0	-320.0	298.0	287.1	10.94	27.239		
2,100.0	2,097.8	2,096.9	2,096.9	6.1	5.5	-57.62	-2.0	-320.0	292.2	281.1	11.19	26.114		
2,200.0	2,197.3	2,196.4	2,196.4	6.4	5.6	-59.38	-2.0	-320.0	286.8	275.3	11.44	25.065		
2,300.0	2,296.7	2,295.8	2,295.8	6.6	5.7	-61.20	-2.0	-320.0	281.6	269.9	11.69	24.090		
2,400.0	2,396.2	2,395.3	2,395.3	6.9	5.8	-63.09	-2.0	-320.0	276.7	264.7	11.93	23.188		
2,500.0	2,495.6	2,494.7	2,494.7	7.2	5.9	-65.05	-2.0	-320.0	272.1	259.9	12.17	22.356		
2,600.0	2,595.1	2,586.9	2,586.9	7.5	6.0	-66.79	-1.8	-321.3	269.1	256.7	12.33	21.827		
2,646.1	2,640.9	2,629.3	2,629.3	7.7	6.1	-67.50	-1.5	-322.9	268.7	256.3	12.48	21.541	CC, ES	
2,700.0	2,694.5	2,679.0	2,678.8	7.9	6.1	-68.26	-1.0	-325.5	269.2	256.5	12.66	21.267		
2,800.0	2,794.0	2,771.1	2,770.7	8.2	6.2	-69.43	0.2	-332.6	272.3	259.3	13.00	20.951		
2,900.0	2,893.4	2,863.2	2,862.2	8.5	6.4	-70.25	2.0	-342.6	278.3	264.9	13.34	20.860		
3,000.0	2,992.9	2,955.4	2,953.5	8.9	6.5	-70.74	4.3	-355.6	287.1	273.4	13.63	21.059		
3,100.0	3,092.3	3,054.9	3,051.8	9.2	6.6	-71.09	7.0	-370.9	297.1	283.1	13.96	21.280		
3,200.0	3,191.8	3,154.4	3,150.0	9.6	6.8	-71.41	9.7	-386.2	307.1	292.8	14.33	21.425		
3,300.0	3,291.2	3,253.9	3,248.3	9.9	7.1	-71.72	12.4	-401.5	317.2	302.5	14.72	21.548		
3,400.0	3,390.7	3,353.4	3,346.5	10.3	7.3	-72.01	15.1	-416.9	327.2	312.1	15.12	21.649		
3,500.0	3,490.1	3,452.8	3,444.8	10.6	7.6	-72.28	17.8	-432.2	337.3	321.8	15.52	21.731		
3,600.0	3,589.6	3,552.3	3,543.1	11.0	7.9	-72.53	20.5	-447.5	347.4	331.4	15.94	21.796		
3,700.0	3,689.0	3,651.8	3,641.3	11.4	8.3	-72.77	23.2	-462.9	357.4	341.1	16.36	21.848		
3,800.0	3,788.5	3,751.3	3,739.6	11.7	8.6	-73.00	25.9	-478.2	367.5	350.7	16.79	21.888		
3,900.0	3,887.9	3,850.8	3,837.8	12.1	9.0	-73.21	28.6	-493.5	377.6	360.4	17.23	21.917		
4,000.0	3,987.4	3,950.2	3,936.1	12.5	9.3	-73.42	31.3	-508.8	387.7	370.0	17.67	21.938		
4,100.0	4,086.9	4,049.7	4,034.3	12.9	9.7	-73.61	34.0	-524.2	397.8	379.7	18.12	21.951		
4,185.6	4,172.0	4,134.9	4,118.5	13.2	10.0	-73.77	36.3	-537.3	406.4	387.9	18.50	21.973		
4,200.0	4,186.3	4,149.2	4,132.6	13.2	10.0	-73.81	36.7	-539.5	407.9	389.3	18.55	21.985		
4,300.0	4,285.9	4,248.7	4,230.8	13.6	10.4	-73.93	39.4	-554.8	418.3	399.3	19.05	21.957		
4,400.0	4,385.6	4,348.0	4,329.0	14.0	10.8	-73.84	42.1	-570.1	429.2	409.7	19.54	21.963		
4,500.0	4,485.4	4,447.3	4,427.1	14.3	11.2	-73.54	44.8	-585.4	440.6	420.5	20.06	21.967		
4,600.0	4,585.3	4,546.5	4,525.0	14.6	11.6	-73.05	47.5	-600.7	452.5	431.9	20.60	21.971		
4,700.0	4,685.3	4,645.5	4,622.8	14.9	12.0	-72.40	50.2	-615.9	465.0	443.8	21.16	21.975		
4,785.6	4,770.9	4,730.2	4,706.4	15.0	12.3	-111.72	52.5	-629.0	476.2	454.5	21.64	22.005		

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well TATER SALAD FEDERAL COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	RKB=25ft @ 2939.0usft
Reference Site:	TATER SALAD & MOMBA FEDERAL (ATLAS 2628)	MD Reference:	RKB=25ft @ 2939.0usft
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	TATER SALAD FEDERAL COM #701H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 17 Central Planning Prod
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

Offset Design: TATER SALAD & MOMBA FEDERAL (ATLAS 2628) - TATER SALAD FEDERAL COM #903H - OWB - PWP2													Offset Site Error:	3.0 usft
Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 2500-r.5 MWD+IFR1, 10310-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 +N/-S (usft)	+E/-W (usft)	Distance Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
4,800.0	4,785.3	4,744.4	4,720.5	15.0	12.3	-111.57	52.9	-631.2	478.1	456.4	21.71	22.019		
4,900.0	4,885.3	4,843.2	4,818.0	15.1	12.7	-110.62	55.6	-646.4	491.6	469.2	22.31	22.032		
5,000.0	4,985.3	4,941.9	4,915.6	15.2	13.1	-109.72	58.2	-661.6	505.1	482.2	22.89	22.069		
5,100.0	5,085.3	5,040.7	5,013.1	15.2	13.5	-108.87	60.9	-676.8	518.8	495.3	23.47	22.106		
5,200.0	5,185.3	5,139.5	5,110.7	15.3	13.9	-108.06	63.6	-692.0	532.6	508.5	24.05	22.144		
5,300.0	5,285.3	5,238.2	5,208.2	15.3	14.4	-107.29	66.3	-707.3	546.5	521.8	24.64	22.181		
5,400.0	5,385.3	5,337.0	5,305.8	15.4	14.8	-106.56	69.0	-722.5	560.5	535.2	25.23	22.218		
5,500.0	5,485.3	5,435.8	5,403.3	15.5	15.2	-105.86	71.6	-737.7	574.5	548.7	25.82	22.255		
5,600.0	5,585.3	5,534.5	5,500.9	15.5	15.6	-105.20	74.3	-752.9	588.7	562.3	26.41	22.291		
5,700.0	5,685.3	5,633.3	5,598.4	15.6	16.0	-104.57	77.0	-768.1	602.9	575.9	27.00	22.328		
5,800.0	5,785.3	5,732.1	5,696.0	15.7	16.4	-103.96	79.7	-783.3	617.2	589.6	27.60	22.364		
5,900.0	5,885.3	5,830.8	5,793.5	15.7	16.8	-103.39	82.4	-798.6	631.6	603.4	28.19	22.400		
6,000.0	5,985.3	5,929.6	5,891.1	15.8	17.2	-102.84	85.1	-813.8	646.0	617.2	28.79	22.436		
6,100.0	6,085.3	6,028.4	5,988.6	15.8	17.7	-102.31	87.7	-829.0	660.4	631.1	29.39	22.474		
6,200.0	6,185.3	6,129.9	6,088.9	15.9	18.1	-101.80	90.5	-844.5	674.9	644.9	29.99	22.506		
6,300.0	6,285.3	6,234.6	6,192.4	16.0	18.5	-101.32	93.2	-859.7	688.6	658.0	30.61	22.495		
6,400.0	6,385.3	6,339.6	6,296.4	16.0	19.0	-100.88	95.7	-874.1	701.6	670.3	31.22	22.471		
6,500.0	6,485.3	6,444.8	6,400.8	16.1	19.4	-100.49	98.1	-887.5	713.7	681.9	31.82	22.429		
6,600.0	6,585.3	6,550.3	6,505.5	16.2	19.8	-100.14	100.3	-900.0	725.0	692.6	32.41	22.372		
6,700.0	6,685.3	6,656.0	6,610.6	16.2	20.2	-99.82	102.3	-911.6	735.5	702.5	32.98	22.299		
6,800.0	6,785.3	6,761.9	6,715.9	16.3	20.7	-99.54	104.2	-922.2	745.1	711.5	33.54	22.213		
6,900.0	6,885.3	6,868.0	6,821.6	16.3	21.1	-99.28	105.9	-931.9	753.8	719.7	34.09	22.112		
7,000.0	6,985.3	6,974.3	6,927.5	16.4	21.5	-99.06	107.4	-940.7	761.7	727.1	34.62	22.000		
7,100.0	7,085.3	7,080.8	7,033.7	16.5	21.9	-98.87	108.8	-948.5	768.8	733.6	35.14	21.876		
7,200.0	7,185.3	7,187.4	7,140.0	16.5	22.2	-98.70	110.0	-955.3	774.9	739.3	35.64	21.741		
7,300.0	7,285.3	7,294.1	7,246.6	16.6	22.6	-98.56	111.1	-961.2	780.2	744.1	36.13	21.598		
7,400.0	7,385.3	7,400.9	7,353.2	16.7	23.0	-98.45	111.9	-966.1	784.6	748.0	36.59	21.446		
7,500.0	7,485.3	7,507.8	7,460.1	16.7	23.3	-98.36	112.6	-970.0	788.2	751.1	37.02	21.289		
7,600.0	7,585.3	7,614.7	7,567.0	16.8	23.6	-98.29	113.1	-972.9	790.8	753.4	37.43	21.128		
7,700.0	7,685.3	7,721.7	7,674.0	16.9	23.9	-98.24	113.5	-974.9	792.6	754.8	37.80	20.968		
7,800.0	7,785.3	7,828.8	7,781.0	16.9	24.1	-98.22	113.6	-975.8	793.4	755.3	38.09	20.830		
7,900.0	7,885.3	7,932.2	7,884.4	17.0	24.2	-98.22	113.7	-975.9	793.5	755.3	38.22	20.760		
8,000.0	7,985.3	8,032.2	7,984.4	17.0	24.2	-98.22	113.7	-975.9	793.5	755.2	38.33	20.704		
8,100.0	8,085.3	8,132.2	8,084.4	17.1	24.3	-98.22	113.7	-975.9	793.5	755.1	38.43	20.651		
8,200.0	8,185.3	8,232.2	8,184.4	17.2	24.3	-98.22	113.7	-975.9	793.5	755.0	38.52	20.598		
8,300.0	8,285.3	8,332.2	8,284.4	17.2	24.3	-98.22	113.7	-975.9	793.5	754.9	38.62	20.546		
8,400.0	8,385.3	8,432.2	8,384.4	17.3	24.4	-98.22	113.7	-975.9	793.5	754.8	38.72	20.493		
8,500.0	8,485.3	8,532.2	8,484.4	17.4	24.4	-98.22	113.7	-975.9	793.5	754.7	38.82	20.440		
8,600.0	8,585.3	8,632.2	8,584.4	17.4	24.4	-98.22	113.7	-975.9	793.5	754.6	38.92	20.387		
8,700.0	8,685.3	8,732.2	8,684.4	17.5	24.5	-98.22	113.7	-975.9	793.5	754.5	39.02	20.334		
8,800.0	8,785.3	8,832.2	8,784.4	17.6	24.5	-98.22	113.7	-975.9	793.5	754.4	39.13	20.282		
8,900.0	8,885.3	8,932.2	8,884.4	17.6	24.6	-98.22	113.7	-975.9	793.5	754.3	39.23	20.229		
9,000.0	8,985.3	9,032.2	8,984.4	17.7	24.6	-98.22	113.7	-975.9	793.5	754.2	39.33	20.177		
9,100.0	9,085.3	9,132.2	9,084.4	17.8	24.6	-98.22	113.7	-975.9	793.5	754.1	39.43	20.124		
9,200.0	9,185.3	9,232.2	9,184.4	17.8	24.7	-98.22	113.7	-975.9	793.5	754.0	39.53	20.072		
9,300.0	9,285.3	9,332.2	9,284.4	17.9	24.7	-98.22	113.7	-975.9	793.5	753.9	39.64	20.018		
9,304.3	9,289.6	9,336.4	9,288.7	17.9	24.7	-98.22	113.7	-975.9	793.5	753.9	39.64	20.016 SF		
9,325.0	9,310.3	9,357.2	9,309.4	17.9	24.7	-98.18	113.7	-975.9	793.6	754.1	39.52	20.079		
9,350.0	9,335.2	9,382.1	9,334.3	17.9	24.7	-98.27	113.7	-975.9	793.8	754.3	39.52	20.089		
9,375.0	9,360.0	9,406.9	9,359.1	17.9	24.7	-98.43	113.7	-975.9	794.3	754.8	39.49	20.111		
9,400.0	9,384.6	9,431.5	9,383.7	17.9	24.7	-98.66	113.7	-975.9	794.9	755.5	39.46	20.147		

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well TATER SALAD FEDERAL COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	RKB=25ft @ 2939.0usft
Reference Site:	TATER SALAD & MOMBA FEDERAL (ATLAS 2628)	MD Reference:	RKB=25ft @ 2939.0usft
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	TATER SALAD FEDERAL COM #701H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 17 Central Planning Prod
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

Offset Design: TATER SALAD & MOMBA FEDERAL (ATLAS 2628) - TATER SALAD FEDERAL COM #903H - OWB - PWP2												Offset Site Error:	3.0 usft
Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 2500-r.5 MWD+IFR1, 10310-r.5 MWD+IFR1+MS												Offset Well Error:	3.0 usft
Reference	Offset	Semi Major Axis		Offset Wellbore Centre		Distance		Rule Assigned:		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	
9,425.0	9,409.0	9,455.9	9,408.1	17.9	24.7	-98.94	113.7	-975.9	795.8	756.4	39.41	20.196	
9,450.0	9,433.0	9,479.9	9,432.1	18.0	24.7	-99.28	113.7	-975.9	797.0	757.6	39.34	20.259	
9,475.0	9,456.7	9,503.6	9,455.8	18.0	24.8	-99.66	113.7	-975.9	798.4	759.1	39.25	20.338	
9,500.0	9,479.9	9,526.7	9,479.0	18.0	24.8	-100.07	113.7	-975.9	800.1	760.9	39.16	20.434	
9,525.0	9,502.5	9,549.4	9,501.6	18.0	24.8	-100.50	113.7	-975.9	802.2	763.1	39.04	20.547	
9,550.0	9,524.6	9,571.5	9,523.7	18.0	24.8	-100.94	113.7	-975.9	804.6	765.7	38.91	20.678	
9,575.0	9,546.0	9,592.9	9,545.1	18.0	24.8	-101.37	113.7	-975.9	807.5	768.8	38.77	20.830	
9,600.0	9,566.7	9,613.6	9,565.8	18.0	24.8	-101.78	113.7	-975.9	810.9	772.3	38.61	21.003	
9,625.0	9,586.7	9,633.6	9,585.8	18.1	24.8	-102.16	113.7	-975.9	814.7	776.3	38.43	21.198	
9,650.0	9,605.9	9,652.7	9,605.0	18.1	24.8	-102.49	113.7	-975.9	819.1	780.9	38.25	21.417	
9,675.0	9,624.1	9,671.0	9,623.2	18.1	24.8	-102.76	113.7	-975.9	824.1	786.1	38.05	21.661	
9,700.0	9,641.5	9,688.4	9,640.6	18.1	24.8	-102.95	113.7	-975.9	829.8	791.9	37.84	21.931	
9,725.0	9,657.9	9,704.8	9,657.0	18.1	24.8	-103.05	113.7	-975.9	836.0	798.4	37.61	22.226	
9,750.0	9,673.3	9,720.2	9,672.4	18.1	24.8	-103.05	113.7	-975.9	843.0	805.6	37.38	22.549	
9,775.0	9,687.6	9,734.5	9,686.7	18.2	24.8	-102.92	113.7	-975.9	850.6	813.5	37.15	22.899	
9,800.0	9,700.9	9,747.8	9,700.0	18.2	24.8	-102.66	113.7	-975.9	859.0	822.1	36.90	23.276	
9,825.0	9,713.0	9,759.9	9,712.1	18.2	24.8	-102.26	113.7	-975.9	868.0	831.4	36.66	23.681	
9,850.0	9,724.0	9,770.9	9,723.1	18.2	24.9	-101.69	113.7	-975.9	877.8	841.4	36.41	24.112	
9,875.0	9,733.8	9,780.6	9,732.9	18.2	24.9	-100.96	113.7	-975.9	888.4	852.2	36.16	24.568	
9,900.0	9,742.3	9,789.2	9,741.4	18.3	24.9	-100.05	113.7	-975.9	899.6	863.7	35.91	25.050	
9,925.0	9,749.6	9,796.5	9,748.7	18.3	24.9	-98.94	113.7	-975.9	911.5	875.8	35.67	25.556	
9,950.0	9,755.7	9,802.6	9,754.8	18.3	24.9	-97.64	113.7	-975.9	924.0	888.6	35.42	26.084	
9,975.0	9,760.5	9,807.3	9,759.6	18.3	24.9	-96.14	113.7	-975.9	937.1	902.0	35.19	26.632	
10,000.0	9,763.9	9,810.8	9,763.0	18.3	24.9	-94.42	113.7	-975.9	950.9	915.9	34.96	27.199	
10,025.0	9,766.1	9,813.0	9,765.2	18.4	24.9	-92.50	113.7	-975.9	965.1	930.4	34.74	27.783	
10,050.3	9,767.0	9,813.9	9,766.1	18.4	24.9	-90.35	113.7	-975.9	980.0	945.5	34.52	28.389	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well TATER SALAD FEDERAL COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	RKB=25ft @ 2939.0usft
Reference Site:	TATER SALAD & MOMBA FEDERAL (ATLAS 2628)	MD Reference:	RKB=25ft @ 2939.0usft
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	TATER SALAD FEDERAL COM #701H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 17 Central Planning Prod
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

Offset Design: TATER SALAD & MOMBA FEDERAL (ATLAS 2628) - TATER SALAD FEDERAL COM #904H - OWB - PWP2													Offset Site Error:	3.0 usft
Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1, 10136-r.5 MWD+IFR1+MS													Offset Well Error:	3.0 usft
Reference	Offset	Semi Major Axis	Highside	Offset Wellbore Centre		Distance		Minimum	Separation	Warning				
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Toolface (°)	+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Separation (usft)	Factor		
0.0	0.0	0.0	0.0	3.0	3.0	-90.35	-1.4	-230.0	230.0					
100.0	100.0	99.0	99.0	3.1	3.1	-90.35	-1.4	-230.0	230.0	222.9	7.09	32.443		
200.0	200.0	199.0	199.0	3.2	3.2	-90.35	-1.4	-230.0	230.0	222.7	7.33	31.385		
300.0	300.0	299.0	299.0	3.3	3.3	-90.35	-1.4	-230.0	230.0	222.4	7.56	30.427		
400.0	400.0	399.0	399.0	3.4	3.4	-90.35	-1.4	-230.0	230.0	222.2	7.78	29.556		
500.0	500.0	499.0	499.0	3.6	3.6	-90.35	-1.4	-230.0	230.0	222.0	8.00	28.759		
600.0	600.0	599.0	599.0	3.7	3.7	-90.35	-1.4	-230.0	230.0	221.8	8.21	28.027		
700.0	700.0	699.0	699.0	3.8	3.8	-90.35	-1.4	-230.0	230.0	221.6	8.41	27.350		
800.0	800.0	799.0	799.0	3.9	3.9	-90.35	-1.4	-230.0	230.0	221.4	8.61	26.722		
900.0	900.0	899.0	899.0	4.0	4.0	-90.35	-1.4	-230.0	230.0	221.2	8.80	26.137		
1,000.0	1,000.0	999.0	999.0	4.2	4.2	-90.35	-1.4	-230.0	230.0	221.0	8.99	25.590		
1,100.0	1,100.0	1,099.0	1,099.0	4.3	4.3	-90.35	-1.4	-230.0	230.0	220.8	9.17	25.078		
1,200.0	1,200.0	1,199.0	1,199.0	4.4	4.4	-90.35	-1.4	-230.0	230.0	220.7	9.35	24.597		
1,300.0	1,300.0	1,299.0	1,299.0	4.5	4.5	-90.35	-1.4	-230.0	230.0	220.5	9.53	24.143		
1,400.0	1,400.0	1,399.0	1,399.0	4.6	4.6	-90.35	-1.4	-230.0	230.0	220.3	9.70	23.715		
1,500.0	1,500.0	1,499.0	1,499.0	4.8	4.8	-90.35	-1.4	-230.0	230.0	220.1	9.87	23.309		
1,600.0	1,600.0	1,599.0	1,599.0	4.9	4.9	-50.70	-1.4	-230.0	228.9	219.1	9.83	23.290		
1,700.0	1,699.8	1,698.8	1,698.8	5.2	5.1	-51.78	-1.4	-230.0	225.6	215.4	10.18	22.153		
1,800.0	1,799.5	1,798.5	1,798.5	5.4	5.2	-53.64	-1.4	-230.0	220.3	209.8	10.53	20.917		
1,900.0	1,898.9	1,897.9	1,897.9	5.6	5.4	-55.89	-1.4	-230.0	214.3	203.4	10.84	19.762		
2,000.0	1,998.4	1,997.4	1,997.4	5.9	5.5	-58.25	-1.4	-230.0	208.6	197.4	11.15	18.706		
2,100.0	2,097.8	2,104.1	2,104.1	6.1	5.7	-60.98	-1.2	-228.1	201.5	189.9	11.55	17.446		
2,200.0	2,197.3	2,210.4	2,210.2	6.4	5.8	-64.06	-0.6	-222.3	191.2	179.2	11.94	16.013		
2,300.0	2,296.7	2,315.5	2,314.9	6.6	6.0	-67.70	0.4	-212.7	177.8	165.5	12.32	14.432		
2,400.0	2,396.2	2,419.4	2,417.9	6.9	6.3	-72.25	1.8	-199.5	161.7	149.0	12.69	12.738		
2,500.0	2,495.6	2,521.8	2,518.9	7.2	6.6	-78.24	3.6	-182.9	143.4	130.4	13.05	10.985		
2,600.0	2,595.1	2,622.4	2,617.5	7.5	6.9	-86.56	5.6	-163.0	123.9	110.5	13.38	9.262		
2,700.0	2,694.5	2,719.0	2,711.7	7.9	7.1	-98.02	7.9	-141.5	105.7	92.0	13.67	7.730		
2,800.0	2,794.0	2,814.6	2,804.8	8.2	7.4	-112.97	10.1	-120.2	93.2	79.1	14.17	6.582		
2,893.6	2,887.1	2,904.1	2,892.0	8.5	7.7	-129.41	12.2	-100.1	89.1	74.2	14.86	5.997 CC		
2,900.0	2,893.4	2,910.2	2,897.9	8.5	7.7	-130.56	12.4	-98.8	89.1	74.2	14.91	5.975 ES		
3,000.0	2,992.9	3,005.8	2,991.1	8.9	8.0	-147.95	14.6	-77.4	94.4	78.6	15.85	5.957 SF		
3,100.0	3,092.3	3,101.3	3,084.2	9.2	8.3	-162.45	16.9	-56.0	107.8	91.0	16.76	6.431		
3,200.0	3,191.8	3,196.9	3,177.4	9.6	8.7	-173.41	19.1	-34.6	126.6	109.1	17.56	7.214		
3,300.0	3,291.2	3,292.5	3,270.5	9.9	9.0	178.57	21.4	-13.2	149.0	130.7	18.27	8.153		
3,400.0	3,390.7	3,388.1	3,363.6	10.3	9.4	172.66	23.6	8.2	173.4	154.4	18.94	9.153		
3,500.0	3,490.1	3,483.7	3,456.8	10.6	9.8	168.21	25.9	29.5	199.2	179.6	19.60	10.163		
3,600.0	3,589.6	3,577.1	3,547.7	11.0	10.1	164.94	27.7	50.4	226.1	205.9	20.19	11.194		
3,700.0	3,689.0	3,668.9	3,637.3	11.4	10.4	162.89	26.8	71.0	255.0	234.2	20.78	12.271		
3,800.0	3,788.5	3,764.2	3,730.1	11.7	10.8	161.38	25.0	92.4	284.7	263.2	21.45	13.274		
3,900.0	3,887.9	3,859.4	3,822.9	12.1	11.2	160.15	23.1	113.7	314.6	292.4	22.14	14.210		
4,000.0	3,987.4	3,954.6	3,915.7	12.5	11.6	159.13	21.2	135.0	344.5	321.7	22.83	15.089		
4,100.0	4,086.9	4,049.9	4,008.5	12.9	12.0	158.27	19.4	156.4	374.6	351.0	23.53	15.916		
4,185.6	4,172.0	4,131.4	4,087.9	13.2	12.3	157.64	17.8	174.7	400.4	376.2	24.13	16.591		
4,200.0	4,186.3	4,145.1	4,101.3	13.2	12.4	157.56	17.5	177.7	404.7	380.4	24.23	16.704		
4,300.0	4,285.9	4,240.7	4,194.3	13.6	12.8	156.99	15.6	199.1	433.8	408.9	24.95	17.387		
4,400.0	4,385.6	4,336.6	4,287.8	14.0	13.2	156.41	13.7	220.6	461.5	435.9	25.65	17.992		
4,500.0	4,485.4	4,432.9	4,381.7	14.3	13.6	155.82	11.8	242.2	487.8	461.4	26.34	18.516		
4,600.0	4,585.3	4,529.6	4,475.9	14.6	14.1	155.22	9.9	263.9	512.5	485.5	27.02	18.968		
4,700.0	4,685.3	4,626.7	4,570.5	14.9	14.5	154.59	8.0	285.6	535.8	508.1	27.67	19.362		
4,785.6	4,770.9	4,710.0	4,651.7	15.0	14.9	114.03	6.4	304.3	554.6	526.4	28.14	19.705		

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well TATER SALAD FEDERAL COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	RKB=25ft @ 2939.0usft
Reference Site:	TATER SALAD & MOMBA FEDERAL (ATLAS 2628)	MD Reference:	RKB=25ft @ 2939.0usft
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	TATER SALAD FEDERAL COM #701H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 17 Central Planning Prod
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

Offset Design: TATER SALAD & MOMBA FEDERAL (ATLAS 2628) - TATER SALAD FEDERAL COM #904H - OWB - PWP2												Offset Site Error:	3.0 usft
Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1, 10136-r.5 MWD+IFR1+MS												Offset Well Error:	3.0 usft
Reference	Offset	Semi Major Axis	Highside	Offset Wellbore Centre		Distance		Minimum	Separation	Warning			
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Toolface (°)	+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Separation (usft)		
4,800.0	4,785.3	4,724.0	4,665.3	15.0	14.9	113.93	6.1	307.4	557.7	529.4	28.21	19.770	
4,900.0	4,885.3	4,824.2	4,763.0	15.1	15.4	113.19	4.2	329.8	579.0	550.2	28.76	20.132	
5,000.0	4,985.3	4,932.6	4,868.9	15.2	15.9	112.49	2.2	352.6	599.1	569.7	29.42	20.366	
5,100.0	5,085.3	5,041.8	4,976.1	15.2	16.4	111.90	0.4	373.5	617.5	587.5	30.01	20.578	
5,200.0	5,185.3	5,151.8	5,084.4	15.3	16.9	111.39	-1.3	392.5	634.1	603.5	30.59	20.730	
5,300.0	5,285.3	5,262.6	5,193.8	15.3	17.3	110.96	-2.8	409.6	649.0	617.8	31.16	20.826	
5,400.0	5,385.3	5,373.9	5,304.1	15.4	17.8	110.60	-4.1	424.6	662.0	630.3	31.72	20.871	
5,500.0	5,485.3	5,485.8	5,415.3	15.5	18.2	110.30	-5.2	437.5	673.2	640.9	32.26	20.869	
5,600.0	5,585.3	5,598.2	5,527.1	15.5	18.6	110.06	-6.2	448.3	682.5	649.7	32.77	20.826	
5,700.0	5,685.3	5,710.9	5,639.6	15.6	19.1	109.87	-6.9	456.9	689.9	656.7	33.26	20.745	
5,800.0	5,785.3	5,824.0	5,752.4	15.7	19.4	109.74	-7.5	463.4	695.4	661.7	33.71	20.632	
5,900.0	5,885.3	5,937.2	5,865.6	15.7	19.8	109.65	-7.9	467.6	699.1	665.0	34.11	20.494	
6,000.0	5,985.3	6,050.6	5,979.0	15.8	20.0	109.61	-8.0	469.6	700.8	666.4	34.40	20.371	
6,100.0	6,085.3	6,155.9	6,084.3	15.8	20.2	109.60	-8.1	469.8	700.9	666.4	34.58	20.272	
6,200.0	6,185.3	6,255.9	6,184.3	15.9	20.2	109.60	-8.1	469.8	700.9	666.2	34.71	20.195	
6,300.0	6,285.3	6,355.9	6,284.3	16.0	20.3	109.60	-8.1	469.8	700.9	666.1	34.81	20.137	
6,400.0	6,385.3	6,455.9	6,384.3	16.0	20.3	109.60	-8.1	469.8	700.9	666.0	34.91	20.079	
6,500.0	6,485.3	6,555.9	6,484.3	16.1	20.3	109.60	-8.1	469.8	700.9	665.9	35.01	20.020	
6,600.0	6,585.3	6,655.9	6,584.3	16.2	20.4	109.60	-8.1	469.8	700.9	665.8	35.11	19.962	
6,700.0	6,685.3	6,755.9	6,684.3	16.2	20.4	109.60	-8.1	469.8	700.9	665.7	35.22	19.904	
6,800.0	6,785.3	6,855.9	6,784.3	16.3	20.5	109.60	-8.1	469.8	700.9	665.6	35.32	19.846	
6,900.0	6,885.3	6,955.9	6,884.3	16.3	20.5	109.60	-8.1	469.8	700.9	665.5	35.42	19.788	
7,000.0	6,985.3	7,055.9	6,984.3	16.4	20.5	109.60	-8.1	469.8	700.9	665.4	35.53	19.730	
7,100.0	7,085.3	7,155.9	7,084.3	16.5	20.6	109.60	-8.1	469.8	700.9	665.3	35.63	19.672	
7,200.0	7,185.3	7,255.9	7,184.3	16.5	20.6	109.60	-8.1	469.8	700.9	665.2	35.74	19.615	
7,300.0	7,285.3	7,355.9	7,284.3	16.6	20.7	109.60	-8.1	469.8	700.9	665.1	35.84	19.557	
7,400.0	7,385.3	7,455.9	7,384.3	16.7	20.7	109.60	-8.1	469.8	700.9	665.0	35.95	19.500	
7,500.0	7,485.3	7,555.9	7,484.3	16.7	20.8	109.60	-8.1	469.8	700.9	664.9	36.05	19.442	
7,600.0	7,585.3	7,655.9	7,584.3	16.8	20.8	109.60	-8.1	469.8	700.9	664.8	36.16	19.385	
7,700.0	7,685.3	7,755.9	7,684.3	16.9	20.8	109.60	-8.1	469.8	700.9	664.7	36.27	19.328	
7,800.0	7,785.3	7,855.9	7,784.3	16.9	20.9	109.60	-8.1	469.8	700.9	664.6	36.37	19.271	
7,900.0	7,885.3	7,955.9	7,884.3	17.0	20.9	109.60	-8.1	469.8	700.9	664.5	36.48	19.214	
8,000.0	7,985.3	8,055.9	7,984.3	17.0	21.0	109.60	-8.1	469.8	700.9	664.4	36.59	19.157	
8,100.0	8,085.3	8,155.9	8,084.3	17.1	21.0	109.60	-8.1	469.8	700.9	664.2	36.70	19.101	
8,200.0	8,185.3	8,255.9	8,184.3	17.2	21.0	109.60	-8.1	469.8	700.9	664.1	36.81	19.044	
8,300.0	8,285.3	8,355.9	8,284.3	17.2	21.1	109.60	-8.1	469.8	700.9	664.0	36.92	18.988	
8,400.0	8,385.3	8,455.9	8,384.3	17.3	21.1	109.60	-8.1	469.8	700.9	663.9	37.02	18.932	
8,500.0	8,485.3	8,555.9	8,484.3	17.4	21.2	109.60	-8.1	469.8	700.9	663.8	37.13	18.875	
8,600.0	8,585.3	8,655.9	8,584.3	17.4	21.2	109.60	-8.1	469.8	700.9	663.7	37.25	18.820	
8,700.0	8,685.3	8,755.9	8,684.3	17.5	21.3	109.60	-8.1	469.8	700.9	663.6	37.36	18.764	
8,800.0	8,785.3	8,855.9	8,784.3	17.6	21.3	109.60	-8.1	469.8	700.9	663.5	37.47	18.708	
8,900.0	8,885.3	8,955.9	8,884.3	17.6	21.4	109.60	-8.1	469.8	700.9	663.4	37.58	18.653	
9,000.0	8,985.3	9,055.9	8,984.3	17.7	21.4	109.60	-8.1	469.8	700.9	663.2	37.69	18.597	
9,100.0	9,085.3	9,155.9	9,084.3	17.8	21.4	109.60	-8.1	469.8	700.9	663.1	37.80	18.542	
9,200.0	9,185.3	9,255.9	9,184.3	17.8	21.5	109.60	-8.1	469.8	700.9	663.0	37.92	18.487	
9,300.0	9,285.3	9,355.9	9,284.3	17.9	21.5	109.60	-8.1	469.8	700.9	662.9	38.03	18.431	
9,304.3	9,289.6	9,360.2	9,288.6	17.9	21.5	109.60	-8.1	469.8	700.9	662.9	38.04	18.428	
9,325.0	9,310.3	9,380.9	9,309.3	17.9	21.5	109.69	-8.1	469.8	701.1	663.2	37.92	18.489	
9,350.0	9,335.2	9,405.9	9,334.2	17.9	21.6	109.75	-8.1	469.8	701.7	663.7	37.93	18.498	
9,375.0	9,360.0	9,430.7	9,359.0	17.9	21.6	109.87	-8.1	469.8	702.7	664.8	37.95	18.518	
9,400.0	9,384.6	9,455.3	9,383.6	17.9	21.6	110.03	-8.1	469.8	704.2	666.3	37.96	18.552	

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well TATER SALAD FEDERAL COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	RKB=25ft @ 2939.0usft
Reference Site:	TATER SALAD & MOMBA FEDERAL (ATLAS 2628)	MD Reference:	RKB=25ft @ 2939.0usft
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	TATER SALAD FEDERAL COM #701H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 17 Central Planning Prod
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

Offset Design: TATER SALAD & MOMBA FEDERAL (ATLAS 2628) - TATER SALAD FEDERAL COM #904H - OWB - PWP2												Offset Site Error:	3.0 usft
Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1, 10136-r.5 MWD+IFR1+MS												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)			
9,425.0	9,409.0	9,479.7	9,408.0	17.9	21.6	110.22	-8.1	469.8	706.2	668.2	37.97	18.599	
9,450.0	9,433.0	9,503.7	9,432.0	18.0	21.6	110.45	-8.1	469.8	708.7	670.7	37.98	18.661	
9,475.0	9,456.7	9,527.3	9,455.7	18.0	21.6	110.69	-8.1	469.8	711.7	673.7	37.98	18.737	
9,500.0	9,479.9	9,550.5	9,478.9	18.0	21.6	110.95	-8.1	469.8	715.2	677.2	37.98	18.829	
9,525.0	9,502.5	9,573.2	9,501.5	18.0	21.6	111.20	-8.1	469.8	719.4	681.4	37.98	18.939	
9,550.0	9,524.6	9,595.2	9,523.6	18.0	21.6	111.44	-8.1	469.8	724.1	686.1	37.98	19.066	
9,575.0	9,546.0	9,616.7	9,545.0	18.0	21.7	111.65	-8.1	469.8	729.5	691.5	37.97	19.213	
9,600.0	9,566.7	9,637.4	9,565.7	18.0	21.7	111.82	-8.1	469.8	735.6	697.6	37.95	19.380	
9,625.0	9,586.7	9,657.4	9,585.7	18.1	21.7	111.94	-8.1	469.8	742.3	704.4	37.93	19.569	
9,650.0	9,605.9	9,676.5	9,604.9	18.1	21.7	111.98	-8.1	469.8	749.8	711.9	37.91	19.779	
9,675.0	9,624.1	9,694.8	9,623.1	18.1	21.7	111.94	-8.1	469.8	758.0	720.2	37.88	20.013	
9,700.0	9,641.5	9,712.2	9,640.5	18.1	21.7	111.80	-8.1	469.8	767.0	729.2	37.84	20.271	
9,725.0	9,657.9	9,728.6	9,656.9	18.1	21.7	111.55	-8.1	469.8	776.8	739.0	37.80	20.553	
9,750.0	9,673.3	9,744.0	9,672.3	18.1	21.7	111.16	-8.1	469.8	787.4	749.6	37.75	20.859	
9,775.0	9,687.6	9,758.3	9,686.6	18.2	21.7	110.62	-8.1	469.8	798.7	761.0	37.69	21.190	
9,800.0	9,700.9	9,771.6	9,699.9	18.2	21.7	109.91	-8.1	469.8	810.8	773.2	37.63	21.546	
9,825.0	9,713.0	9,783.7	9,712.0	18.2	21.7	109.03	-8.1	469.8	823.7	786.2	37.57	21.926	
9,850.0	9,724.0	9,794.6	9,723.0	18.2	21.7	107.95	-8.1	469.8	837.4	799.9	37.50	22.329	
9,875.0	9,733.8	9,804.4	9,732.8	18.2	21.7	106.65	-8.1	469.8	851.7	814.3	37.43	22.756	
9,900.0	9,742.3	9,813.0	9,741.3	18.3	21.7	105.12	-8.1	469.8	866.8	829.4	37.35	23.205	
9,925.0	9,749.6	9,820.3	9,748.6	18.3	21.8	103.35	-8.1	469.8	882.4	845.2	37.27	23.675	
9,950.0	9,755.7	9,826.3	9,754.7	18.3	21.8	101.32	-8.1	469.8	898.7	861.5	37.19	24.165	
9,975.0	9,760.5	9,831.1	9,759.5	18.3	21.8	99.03	-8.1	469.8	915.6	878.4	37.11	24.673	
10,000.0	9,763.9	9,834.6	9,762.9	18.3	21.8	96.46	-8.1	469.8	932.9	895.9	37.02	25.198	
10,025.0	9,766.1	9,836.8	9,765.1	18.4	21.8	93.63	-8.1	469.8	950.6	913.7	36.93	25.739	
10,050.3	9,767.0	9,837.7	9,766.0	18.4	21.8	90.51	-8.1	469.8	969.0	932.1	36.85	26.299	

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well TATER SALAD FEDERAL COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	RKB=25ft @ 2939.0usft
Reference Site:	TATER SALAD & MOMBA FEDERAL (ATLAS 2628)	MD Reference:	RKB=25ft @ 2939.0usft
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	TATER SALAD FEDERAL COM #701H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 17 Central Planning Prod
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

Offset Design: TATER SALAD & MOMBA FEDERAL (ATLAS 2628) - TATER SALAD FEDERAL COM #905H - OWB - PWP2													Offset Site Error: 3.0 usft	
Survey Program: Reference		0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1, 10167-r.5 MWD+IFR1+MS								Rule Assigned:		Offset Well Error: 3.0 usft		
Offset				Semi Major Axis		Offset Wellbore Centre			Distance					
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	-90.36	-2.2	-350.0	350.0					
100.0	100.0	99.0	99.0	3.1	3.1	-90.36	-2.2	-350.0	350.0	342.9	7.09	49.370		
200.0	200.0	199.0	199.0	3.2	3.2	-90.36	-2.2	-350.0	350.0	342.7	7.33	47.760		
300.0	300.0	299.0	299.0	3.3	3.3	-90.36	-2.2	-350.0	350.0	342.4	7.56	46.302		
400.0	400.0	399.0	399.0	3.4	3.4	-90.36	-2.2	-350.0	350.0	342.2	7.78	44.976		
500.0	500.0	499.0	499.0	3.6	3.6	-90.36	-2.2	-350.0	350.0	342.0	8.00	43.764		
600.0	600.0	599.0	599.0	3.7	3.7	-90.36	-2.2	-350.0	350.0	341.8	8.21	42.649		
700.0	700.0	699.0	699.0	3.8	3.8	-90.36	-2.2	-350.0	350.0	341.6	8.41	41.619		
800.0	800.0	799.0	799.0	3.9	3.9	-90.36	-2.2	-350.0	350.0	341.4	8.61	40.663		
900.0	900.0	899.0	899.0	4.0	4.0	-90.36	-2.2	-350.0	350.0	341.2	8.80	39.773		
1,000.0	1,000.0	999.0	999.0	4.2	4.2	-90.36	-2.2	-350.0	350.0	341.0	8.99	38.942		
1,100.0	1,100.0	1,099.0	1,099.0	4.3	4.3	-90.36	-2.2	-350.0	350.0	340.8	9.17	38.162		
1,200.0	1,200.0	1,199.0	1,199.0	4.4	4.4	-90.36	-2.2	-350.0	350.0	340.7	9.35	37.430		
1,300.0	1,300.0	1,299.0	1,299.0	4.5	4.5	-90.36	-2.2	-350.0	350.0	340.5	9.53	36.740		
1,400.0	1,400.0	1,399.0	1,399.0	4.6	4.6	-90.36	-2.2	-350.0	350.0	340.3	9.70	36.088		
1,500.0	1,500.0	1,499.0	1,499.0	4.8	4.8	-90.36	-2.2	-350.0	350.0	340.1	9.87	35.470	CC, ES	
1,600.0	1,600.0	1,588.2	1,588.2	4.9	4.8	-50.55	-2.2	-351.4	350.4	340.6	9.82	35.668		
1,700.0	1,699.8	1,677.2	1,677.1	5.2	5.0	-51.11	-2.2	-355.5	351.7	341.5	10.25	34.307		
1,800.0	1,799.5	1,766.0	1,765.6	5.4	5.1	-52.02	-2.2	-362.3	354.1	343.4	10.69	33.108		
1,900.0	1,898.9	1,854.6	1,853.7	5.6	5.4	-53.14	-2.2	-371.9	358.5	347.4	11.11	32.278		
2,000.0	1,998.4	1,942.9	1,941.2	5.9	5.7	-54.18	-2.2	-384.2	366.2	354.7	11.54	31.747		
2,100.0	2,097.8	2,030.7	2,027.7	6.1	6.0	-55.15	-2.2	-399.0	377.1	365.2	11.98	31.489		
2,200.0	2,197.3	2,117.9	2,113.1	6.4	6.3	-56.01	-2.2	-416.4	391.2	378.7	12.43	31.475	SF	
2,300.0	2,296.7	2,204.3	2,197.2	6.6	6.6	-56.77	-2.2	-436.1	408.2	395.4	12.88	31.692		
2,400.0	2,396.2	2,295.7	2,285.6	6.9	6.8	-57.46	-2.2	-459.4	428.0	414.7	13.28	32.236		
2,500.0	2,495.6	2,393.5	2,380.0	7.2	7.2	-58.12	-2.2	-484.7	448.3	434.5	13.80	32.483		
2,600.0	2,595.1	2,491.3	2,474.5	7.5	7.5	-58.73	-2.2	-510.1	468.5	454.2	14.34	32.668		
2,700.0	2,694.5	2,589.1	2,569.0	7.9	7.9	-59.29	-2.2	-535.4	488.9	474.0	14.90	32.807		
2,800.0	2,794.0	2,686.9	2,663.4	8.2	8.2	-59.81	-2.2	-560.7	509.3	493.8	15.48	32.908		
2,900.0	2,893.4	2,784.7	2,757.9	8.5	8.6	-60.28	-2.2	-586.0	529.7	513.6	16.06	32.979		
3,000.0	2,992.9	2,882.5	2,852.4	8.9	9.0	-60.72	-2.2	-611.3	550.1	533.5	16.66	33.026		
3,100.0	3,092.3	2,980.3	2,946.9	9.2	9.4	-61.13	-2.2	-636.6	570.6	553.3	17.26	33.053		
3,200.0	3,191.8	3,078.1	3,041.3	9.6	9.8	-61.51	-2.2	-661.9	591.1	573.2	17.88	33.064		
3,300.0	3,291.2	3,175.9	3,135.8	9.9	10.2	-61.87	-2.2	-687.3	611.6	593.1	18.50	33.063		
3,400.0	3,390.7	3,273.7	3,230.3	10.3	10.7	-62.20	-2.2	-712.6	632.2	613.1	19.13	33.052		
3,500.0	3,490.1	3,371.5	3,324.7	10.6	11.1	-62.51	-2.2	-737.9	652.8	633.0	19.76	33.033		
3,600.0	3,589.6	3,469.3	3,419.2	11.0	11.5	-62.80	-2.2	-763.2	673.3	652.9	20.40	33.007		
3,700.0	3,689.0	3,567.1	3,513.7	11.4	12.0	-63.08	-2.2	-788.5	693.9	672.9	21.04	32.976		
3,800.0	3,788.5	3,664.9	3,608.1	11.7	12.4	-63.33	-2.2	-813.8	714.6	692.9	21.69	32.942		
3,900.0	3,887.9	3,762.7	3,702.6	12.1	12.9	-63.58	-2.2	-839.1	735.2	712.8	22.34	32.905		
4,000.0	3,987.4	3,860.5	3,797.1	12.5	13.3	-63.81	-2.2	-864.4	755.8	732.8	23.00	32.865		
4,100.0	4,086.9	3,958.3	3,891.6	12.9	13.7	-64.03	-2.2	-889.8	776.5	752.8	23.66	32.824		
4,185.6	4,172.0	4,042.0	3,972.4	13.2	14.1	-64.21	-2.2	-911.4	794.2	770.0	24.21	32.801		
4,200.0	4,186.3	4,056.1	3,986.0	13.2	14.2	-64.26	-2.2	-915.1	797.2	772.9	24.30	32.804		
4,300.0	4,285.9	4,153.8	4,080.4	13.6	14.7	-64.58	-2.2	-940.4	818.3	793.3	24.99	32.747		
4,400.0	4,385.6	4,251.4	4,174.7	14.0	15.1	-64.79	-2.2	-965.6	840.2	814.5	25.66	32.738		
4,500.0	4,485.4	4,348.8	4,268.7	14.3	15.6	-64.90	-2.2	-990.8	862.8	836.4	26.35	32.748		
4,600.0	4,585.3	4,446.0	4,362.6	14.6	16.0	-64.92	-2.2	-1,016.0	886.1	859.1	27.04	32.776		
4,700.0	4,685.3	4,543.0	4,456.3	14.9	16.5	-64.85	-2.2	-1,041.1	910.2	882.5	27.73	32.825		
4,785.6	4,770.9	4,625.8	4,536.3	15.0	16.9	-104.73	-2.2	-1,062.5	931.4	903.1	28.30	32.910		
4,800.0	4,785.3	4,639.6	4,549.7	15.0	16.9	-104.68	-2.2	-1,066.1	935.0	906.6	28.39	32.933		

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

ConocoPhillips
Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well TATER SALAD FEDERAL COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	RKB=25ft @ 2939.0usft
Reference Site:	TATER SALAD & MOMBA FEDERAL (ATLAS 2628)	MD Reference:	RKB=25ft @ 2939.0usft
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	TATER SALAD FEDERAL COM #701H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 17 Central Planning Prod
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

Offset Design:	TATER SALAD & MOMBA FEDERAL (ATLAS 2628) - TATER SALAD FEDERAL COM #905H - OWB - PWP2											Offset Site Error:	3.0 usft
Survey Program:	0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1, 10167-r.5 MWD+IFR1+MS											Offset Well Error:	3.0 usft
Reference	Measured	Vertical	Offset	Measured	Vertical	Semi Major Axis	Offset Wellbore Centre		Distance		Rule Assigned:		
Depth	Depth	Depth	Depth	Depth	Depth	Reference	Offset	Highside	Between	Between	Minimum	Separation	Warning
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	Toolface	+N/-S	+E/-W	Centres	Ellipses	
								(°)	(usft)	(usft)	(usft)	(usft)	
4,900.0	4,885.3	4,736.2	4,643.0	15.1	17.4	-104.28	-2.2	-1,091.1	960.1	931.0	29.07	33.027	
5,000.0	4,985.3	4,832.8	4,736.3	15.2	17.9	-103.91	-2.2	-1,116.1	985.3	955.5	29.73	33.136	

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well TATER SALAD FEDERAL COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	RKB=25ft @ 2939.0usft
Reference Site:	TATER SALAD & MOMBA FEDERAL (ATLAS 2628)	MD Reference:	RKB=25ft @ 2939.0usft
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	TATER SALAD FEDERAL COM #701H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 17 Central Planning Prod
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

Reference Depths are relative to RKB=25ft @ 2939.0usft

Offset Depths are relative to Offset Datum

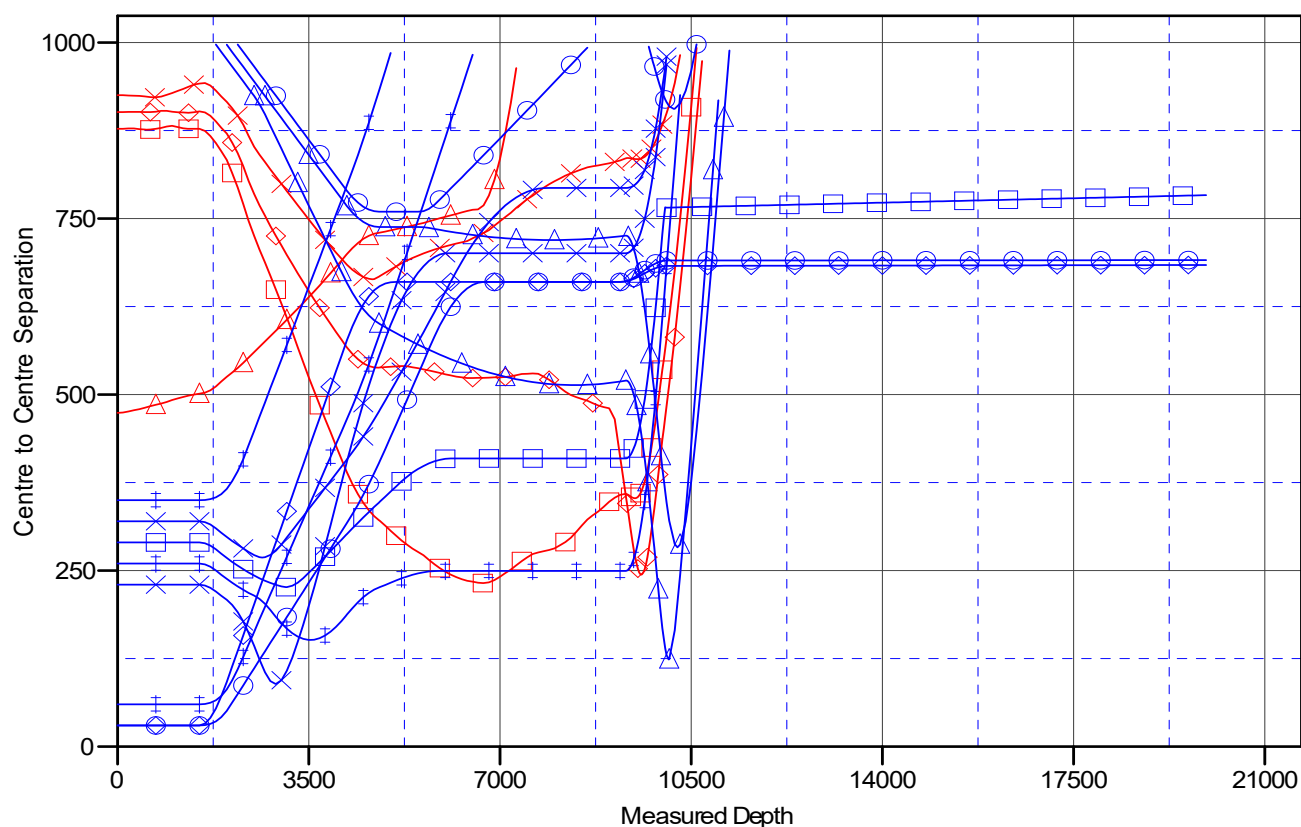
Central Meridian is 104° 20' 0.000 W

Coordinates are relative to: TATER SALAD FEDERAL COM #701H

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

Grid Convergence at Surface is: 0.16°

Ladder Plot



LEGEND

MOMBA 24 FEDERAL COM #7H, OWB, AWP V0
 MOMBA FEDERAL COM #701H, OWB, AWP V0
 MOMBA FEDERAL COM #702H, OWB, AWP V0
 MOMBA FEDERAL COM #703H, OWB, AWP V0
 MOMBA FEDERAL COM #704H, OWB, PWP1 V0

MOMBA FEDERAL COM #902H, OWB, PWP2 V0
 MOMBA FEDERAL COM #903H, OWB, PWP2 V0
 TATER SALAD FEDERAL COM #702H, OWB, PWP2 V0
 TATER SALAD FEDERAL COM #703H, OWB, PWP2 V0
 TATER SALAD FEDERAL COM #704H, OWB, PWP2 V0

TATER SALAD FEDERAL COM #901H, OWB, PWP2 V0
 TATER SALAD FEDERAL COM #902H, OWB, PWP2 V0
 TATER SALAD FEDERAL COM #903H, OWB, PWP2 V0
 TATER SALAD FEDERAL COM #904H, OWB, PWP2 V0
 TATER SALAD FEDERAL COM #905H, OWB, PWP2 V0

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

ConocoPhillips

Anticollision Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well TATER SALAD FEDERAL COM #701H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	RKB=25ft @ 2939.0usft
Reference Site:	TATER SALAD & MOMBA FEDERAL (ATLAS 2628)	MD Reference:	RKB=25ft @ 2939.0usft
Site Error:	3.0 usft	North Reference:	Grid
Reference Well:	TATER SALAD FEDERAL COM #701H	Survey Calculation Method:	Minimum Curvature
Well Error:	3.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT 17 Central Planning Prod
Reference Design:	PWP2	Offset TVD Reference:	Offset Datum

Reference Depths are relative to RKB=25ft @ 2939.0usft

Offset Depths are relative to Offset Datum

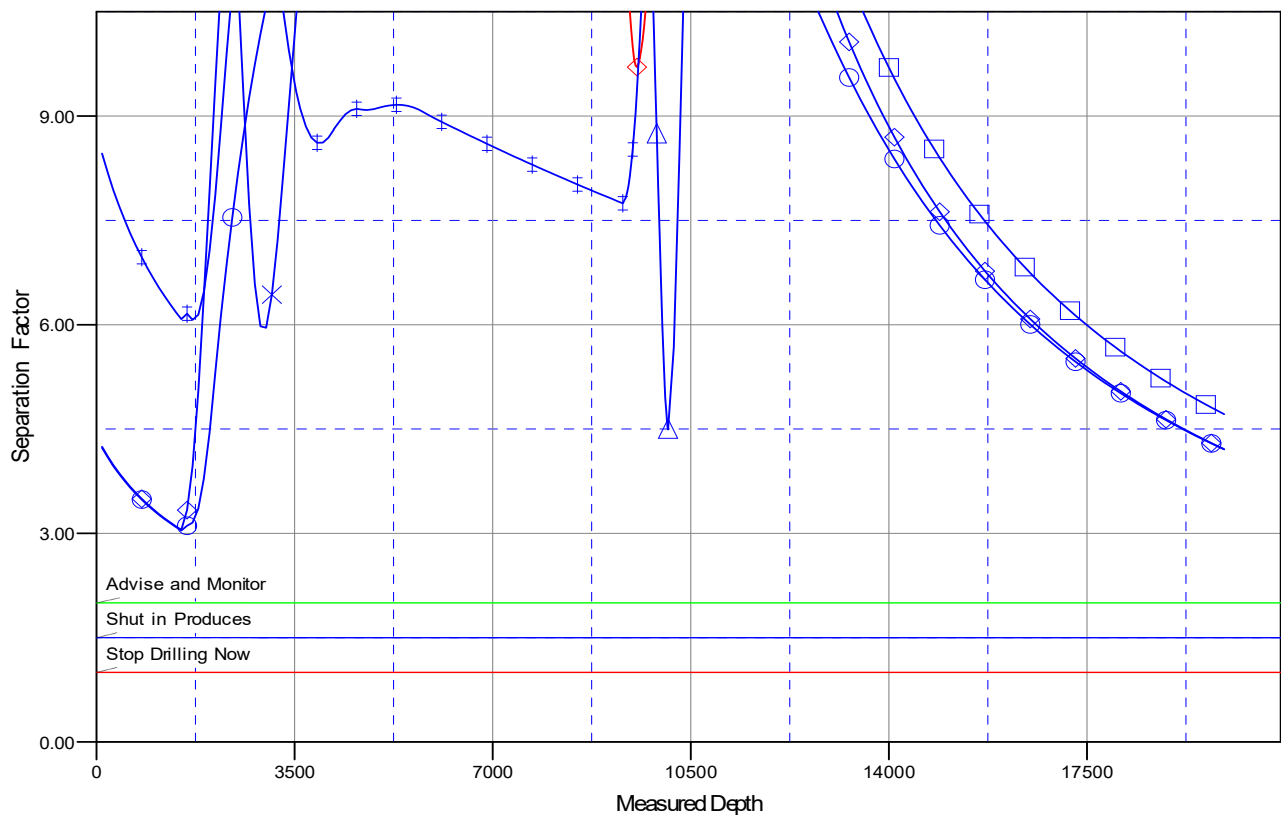
Central Meridian is 104° 20' 0.000 W

Coordinates are relative to: TATER SALAD FEDERAL COM #701H

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

Grid Convergence at Surface is: 0.16°

Separation Factor Plot



LEGEND

MOMBA 24 FEDERAL COM #7H, OWB, AWP V0
 MOMBA FEDERAL COM #701H, OWB, AWP V0
 MOMBA FEDERAL COM #702H, OWB, AWP V0
 MOMBA FEDERAL COM #703H, OWB, AWP V0
 MOMBA FEDERAL COM #704H, OWB, PWP1 V0

MOMBA FEDERAL COM #702H, OWB, PWP2 V0
 MOMBA FEDERAL COM #703H, OWB, PWP2 V0
 TATER SALAD FEDERAL COM #703H, OWB, PWP2 V0
 TATER SALAD FEDERAL COM #704H, OWB, PWP2 V0

TATER SALAD FEDERAL COM #701H, OWB, PWP2 V0
 TATER SALAD FEDERAL COM #702H, OWB, PWP2 V0
 TATER SALAD FEDERAL COM #703H, OWB, PWP2 V0
 TATER SALAD FEDERAL COM #704H, OWB, PWP2 V0
 TATER SALAD FEDERAL COM #705H, OWB, PWP2 V0

Well Name: TATER SALAD FEDERAL COM	Well Location: T26S / R28E / SEC 24 / NENE / 32.034752 / -104.034782	County or Parish/State: EDDY / NM
Well Number: 701H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM12559	Unit or CA Name:	Unit or CA Number:
US Well Number: 300154774500X1	Well Status: Approved Application for Permit to Drill	Operator: COG OPERATING LLC

Notice of Intent

Sundry ID: 2687318

Type of Submission: Notice of Intent

Type of Action: APD Extension

Date Sundry Submitted: 08/15/2022

Time Sundry Submitted: 04:02

Date proposed operation will begin: 08/15/2022

Procedure Description: COG Operating LLC respectfully requests approval for a 2-year extension to the above reference APD. Current expiration date is October 21, 2022. The Tater Salad Federal Com project has been re-worked to include additional new wells. These additional wells, Tater Salad Federal Com 704H, 904H and 905H will be submitted in 2023. This project is on hold until all APDs are approved. The extension is needed by September 21, 2022 as the APD currently expire in October 21, 2022.

Received by OCD: 5/2/2023 8:02:19 AM

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Well Name: TATER SALAD FEDERAL COM	Well Location: T26S / R28E / SEC 24 / NENE / 32.034752 / -104.034782	County or Parish/State: EDDY / NM
Well Number: 701H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM12559	Unit or CA Name:	Unit or CA Number:
US Well Number: 300154774500X1	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: MAYTE REYES
Signed on: AUG 15, 2022 04:00 PM
Name: COG OPERATING LLC
Title: Regulatory Analyst
Street Address: 925 N ELDRIDGE PARKWAY
City: HOUSTON State: TX
Phone: (281) 293-1000
Email address: MAYTE.X.REYES@CONOCOPHILLIPS.COM

Field

Representative Name: Gerald Herrera
Street Address: 2208 West Main Street
City: Artesia State: NM Zip: 88210
Phone: (575)748-6940
Email address: gerald.a.herrera@conocophillips.com

BLM Point of Contact

BLM POC Name: CODY LAYTON
BLM POC Title: Assistant Field Manager Lands & Minerals
BLM POC Phone: 5752345959
BLM POC Email Address: clayton@blm.gov
Disposition: Approved
Disposition Date: 10/27/2022
Signature: Cody R. Layton

DELAWARE BASIN WEST

ATLAS PROSPECT (NM-E)

TATER SALAD & MOMBA FEDERAL (ATLAS 2628)

TATER SALAD FEDERAL COM #701H

300154774500

OWB

Plan: PWP2

Standard Planning Report

05 February, 2023

ConocoPhillips

Planning Report

Database:	EDT 17 Central Planning Prod	Local Co-ordinate Reference:	Well TATER SALAD FEDERAL COM #701H
Company:	DELAWARE BASIN WEST	TVD Reference:	RKB=25ft @ 2939.0usft
Project:	ATLAS PROSPECT (NM-E)	MD Reference:	RKB=25ft @ 2939.0usft
Site:	TATER SALAD & MOMBA FEDERAL (ATLAS 2628)	North Reference:	Grid
Well:	TATER SALAD FEDERAL COM #701H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PWP2		

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

Site	TATER SALAD & MOMBA FEDERAL (ATLAS 2628)		
Site Position:		Northing:	376,681.58 usft
From:	Map	Easting:	593,463.23 usft
Position Uncertainty:	3.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 2' 6.913 N
		Longitude:	104° 1' 54.189 W

Well	TATER SALAD FEDERAL COM #701H					
Well Position	+N/-S	0.0 usft	Northing:	376,451.50 usft	Latitude:	32° 2' 4.658 N
	+E/-W	0.0 usft	Easting:	592,665.00 usft	Longitude:	104° 2' 3.469 W
Position Uncertainty		3.0 usft	Wellhead Elevation:	usft	Ground Level:	2,914.0 usft
Grid Convergence:		0.16 °				

Wellbore	OWB				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2022	12/31/2023	6.54	59.57	47,306.65243545

Design	PWP2				
Audit Notes:					
Version:		Phase:	PLAN	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.0	0.0	0.0	358.90	

Plan Survey Tool Program	Date	2/5/2023			
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks	
1	0.0	1,500.0 PWP2 (OWB)	r.5 SDI_KPR_WL_NS-CT	SDI Keeper Wireline Gyrocom	
2	1,500.0	9,304.3 PWP2 (OWB)	r.5 MWD+IFR1	OWSG MWD + IFR1 rev.5	
3	9,304.3	19,926.1 PWP2 (OWB)	r.5 MWD+IFR1+MS	OWSG MWD + IFR1 + Multi-St	

ConocoPhillips
Planning Report

Database:	EDT 17 Central Planning Prod	Local Co-ordinate Reference:	Well TATER SALAD FEDERAL COM #701H
Company:	DELAWARE BASIN WEST	TVD Reference:	RKB=25ft @ 2939.0usft
Project:	ATLAS PROSPECT (NM-E)	MD Reference:	RKB=25ft @ 2939.0usft
Site:	TATER SALAD & MOMBA FEDERAL (ATLAS 2628)	North Reference:	Grid
Well:	TATER SALAD FEDERAL COM #701H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PWP2		

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,800.0	6.00	320.00	1,799.5	12.0	-10.1	2.00	2.00	0.00	320.00	
4,185.6	6.00	320.00	4,172.0	203.0	-170.4	0.00	0.00	0.00	0.00	
4,785.6	0.00	0.00	4,770.9	227.1	-190.6	1.00	-1.00	0.00	180.00	
9,304.3	0.00	0.00	9,289.6	227.1	-190.6	0.00	0.00	0.00	0.00	
10,050.3	89.52	359.93	9,767.0	700.6	-191.1	12.00	12.00	-0.01	359.93	
19,796.1	89.52	359.93	9,847.9	10,446.0	-202.5	0.00	0.00	0.00	0.00	
19,926.1	89.52	359.93	9,849.0	10,576.0	-202.7	0.00	0.00	0.00	0.00	

ConocoPhillips

Planning Report

Database:	EDT 17 Central Planning Prod	Local Co-ordinate Reference:	Well TATER SALAD FEDERAL COM #701H
Company:	DELAWARE BASIN WEST	TVD Reference:	RKB=25ft @ 2939.0usft
Project:	ATLAS PROSPECT (NM-E)	MD Reference:	RKB=25ft @ 2939.0usft
Site:	TATER SALAD & MOMBA FEDERAL (ATLAS 2628)	North Reference:	Grid
Well:	TATER SALAD FEDERAL COM #701H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PWP2		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00	
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00	
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00	
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00	
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00	
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00	
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00	
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00	
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00	
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00	
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00	
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00	
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00	
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00	
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00	
Start Build 2.00										
1,600.0	2.00	320.00	1,600.0	1.3	-1.1	1.4	2.00	2.00	0.00	
1,700.0	4.00	320.00	1,699.8	5.3	-4.5	5.4	2.00	2.00	0.00	
1,800.0	6.00	320.00	1,799.5	12.0	-10.1	12.2	2.00	2.00	0.00	
Start 2385.6 hold at 1800.0 MD										
1,900.0	6.00	320.00	1,898.9	20.0	-16.8	20.3	0.00	0.00	0.00	
2,000.0	6.00	320.00	1,998.4	28.0	-23.5	28.5	0.00	0.00	0.00	
2,100.0	6.00	320.00	2,097.8	36.0	-30.2	36.6	0.00	0.00	0.00	
2,200.0	6.00	320.00	2,197.3	44.1	-37.0	44.8	0.00	0.00	0.00	
2,300.0	6.00	320.00	2,296.7	52.1	-43.7	52.9	0.00	0.00	0.00	
2,400.0	6.00	320.00	2,396.2	60.1	-50.4	61.0	0.00	0.00	0.00	
2,500.0	6.00	320.00	2,495.6	68.1	-57.1	69.2	0.00	0.00	0.00	
2,600.0	6.00	320.00	2,595.1	76.1	-63.8	77.3	0.00	0.00	0.00	
2,700.0	6.00	320.00	2,694.5	84.1	-70.6	85.4	0.00	0.00	0.00	
2,800.0	6.00	320.00	2,794.0	92.1	-77.3	93.6	0.00	0.00	0.00	
2,900.0	6.00	320.00	2,893.4	100.1	-84.0	101.7	0.00	0.00	0.00	
3,000.0	6.00	320.00	2,992.9	108.1	-90.7	109.8	0.00	0.00	0.00	
3,100.0	6.00	320.00	3,092.3	116.1	-97.4	118.0	0.00	0.00	0.00	
3,200.0	6.00	320.00	3,191.8	124.1	-104.2	126.1	0.00	0.00	0.00	
3,300.0	6.00	320.00	3,291.2	132.1	-110.9	134.2	0.00	0.00	0.00	
3,400.0	6.00	320.00	3,390.7	140.1	-117.6	142.4	0.00	0.00	0.00	
3,500.0	6.00	320.00	3,490.1	148.1	-124.3	150.5	0.00	0.00	0.00	
3,600.0	6.00	320.00	3,589.6	156.2	-131.0	158.6	0.00	0.00	0.00	
3,700.0	6.00	320.00	3,689.0	164.2	-137.7	166.8	0.00	0.00	0.00	
3,800.0	6.00	320.00	3,788.5	172.2	-144.5	174.9	0.00	0.00	0.00	
3,900.0	6.00	320.00	3,887.9	180.2	-151.2	183.0	0.00	0.00	0.00	
4,000.0	6.00	320.00	3,987.4	188.2	-157.9	191.2	0.00	0.00	0.00	
4,100.0	6.00	320.00	4,086.9	196.2	-164.6	199.3	0.00	0.00	0.00	
4,185.6	6.00	320.00	4,172.0	203.0	-170.4	206.3	0.00	0.00	0.00	
Start Drop -1.00										
4,200.0	5.86	320.00	4,186.3	204.2	-171.3	207.4	1.00	-1.00	0.00	
4,300.0	4.86	320.00	4,285.9	211.3	-177.3	214.7	1.00	-1.00	0.00	
4,400.0	3.86	320.00	4,385.6	217.2	-182.2	220.6	1.00	-1.00	0.00	
4,500.0	2.86	320.00	4,485.4	221.6	-186.0	225.2	1.00	-1.00	0.00	
4,600.0	1.86	320.00	4,585.3	224.8	-188.6	228.4	1.00	-1.00	0.00	
4,700.0	0.86	320.00	4,685.3	226.6	-190.1	230.2	1.00	-1.00	0.00	
4,785.6	0.00	0.00	4,770.9	227.1	-190.6	230.7	1.00	-1.00	0.00	

ConocoPhillips

Planning Report

Database:	EDT 17 Central Planning Prod	Local Co-ordinate Reference:	Well TATER SALAD FEDERAL COM #701H
Company:	DELAWARE BASIN WEST	TVD Reference:	RKB=25ft @ 2939.0usft
Project:	ATLAS PROSPECT (NM-E)	MD Reference:	RKB=25ft @ 2939.0usft
Site:	TATER SALAD & MOMBA FEDERAL (ATLAS 2628)	North Reference:	Grid
Well:	TATER SALAD FEDERAL COM #701H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PWP2		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
Start 4518.6 hold at 4785.6 MD									
4,800.0	0.00	0.00	4,785.3	227.1	-190.6	230.7	0.00	0.00	0.00
4,900.0	0.00	0.00	4,885.3	227.1	-190.6	230.7	0.00	0.00	0.00
5,000.0	0.00	0.00	4,985.3	227.1	-190.6	230.7	0.00	0.00	0.00
5,100.0	0.00	0.00	5,085.3	227.1	-190.6	230.7	0.00	0.00	0.00
5,200.0	0.00	0.00	5,185.3	227.1	-190.6	230.7	0.00	0.00	0.00
5,300.0	0.00	0.00	5,285.3	227.1	-190.6	230.7	0.00	0.00	0.00
5,400.0	0.00	0.00	5,385.3	227.1	-190.6	230.7	0.00	0.00	0.00
5,500.0	0.00	0.00	5,485.3	227.1	-190.6	230.7	0.00	0.00	0.00
5,600.0	0.00	0.00	5,585.3	227.1	-190.6	230.7	0.00	0.00	0.00
5,700.0	0.00	0.00	5,685.3	227.1	-190.6	230.7	0.00	0.00	0.00
5,800.0	0.00	0.00	5,785.3	227.1	-190.6	230.7	0.00	0.00	0.00
5,900.0	0.00	0.00	5,885.3	227.1	-190.6	230.7	0.00	0.00	0.00
6,000.0	0.00	0.00	5,985.3	227.1	-190.6	230.7	0.00	0.00	0.00
6,100.0	0.00	0.00	6,085.3	227.1	-190.6	230.7	0.00	0.00	0.00
6,200.0	0.00	0.00	6,185.3	227.1	-190.6	230.7	0.00	0.00	0.00
6,300.0	0.00	0.00	6,285.3	227.1	-190.6	230.7	0.00	0.00	0.00
6,400.0	0.00	0.00	6,385.3	227.1	-190.6	230.7	0.00	0.00	0.00
6,500.0	0.00	0.00	6,485.3	227.1	-190.6	230.7	0.00	0.00	0.00
6,600.0	0.00	0.00	6,585.3	227.1	-190.6	230.7	0.00	0.00	0.00
6,700.0	0.00	0.00	6,685.3	227.1	-190.6	230.7	0.00	0.00	0.00
6,800.0	0.00	0.00	6,785.3	227.1	-190.6	230.7	0.00	0.00	0.00
6,900.0	0.00	0.00	6,885.3	227.1	-190.6	230.7	0.00	0.00	0.00
7,000.0	0.00	0.00	6,985.3	227.1	-190.6	230.7	0.00	0.00	0.00
7,100.0	0.00	0.00	7,085.3	227.1	-190.6	230.7	0.00	0.00	0.00
7,200.0	0.00	0.00	7,185.3	227.1	-190.6	230.7	0.00	0.00	0.00
7,300.0	0.00	0.00	7,285.3	227.1	-190.6	230.7	0.00	0.00	0.00
7,400.0	0.00	0.00	7,385.3	227.1	-190.6	230.7	0.00	0.00	0.00
7,500.0	0.00	0.00	7,485.3	227.1	-190.6	230.7	0.00	0.00	0.00
7,600.0	0.00	0.00	7,585.3	227.1	-190.6	230.7	0.00	0.00	0.00
7,700.0	0.00	0.00	7,685.3	227.1	-190.6	230.7	0.00	0.00	0.00
7,800.0	0.00	0.00	7,785.3	227.1	-190.6	230.7	0.00	0.00	0.00
7,900.0	0.00	0.00	7,885.3	227.1	-190.6	230.7	0.00	0.00	0.00
8,000.0	0.00	0.00	7,985.3	227.1	-190.6	230.7	0.00	0.00	0.00
8,100.0	0.00	0.00	8,085.3	227.1	-190.6	230.7	0.00	0.00	0.00
8,200.0	0.00	0.00	8,185.3	227.1	-190.6	230.7	0.00	0.00	0.00
8,300.0	0.00	0.00	8,285.3	227.1	-190.6	230.7	0.00	0.00	0.00
8,400.0	0.00	0.00	8,385.3	227.1	-190.6	230.7	0.00	0.00	0.00
8,500.0	0.00	0.00	8,485.3	227.1	-190.6	230.7	0.00	0.00	0.00
8,600.0	0.00	0.00	8,585.3	227.1	-190.6	230.7	0.00	0.00	0.00
8,700.0	0.00	0.00	8,685.3	227.1	-190.6	230.7	0.00	0.00	0.00
8,800.0	0.00	0.00	8,785.3	227.1	-190.6	230.7	0.00	0.00	0.00
8,900.0	0.00	0.00	8,885.3	227.1	-190.6	230.7	0.00	0.00	0.00
9,000.0	0.00	0.00	8,985.3	227.1	-190.6	230.7	0.00	0.00	0.00
9,100.0	0.00	0.00	9,085.3	227.1	-190.6	230.7	0.00	0.00	0.00
9,200.0	0.00	0.00	9,185.3	227.1	-190.6	230.7	0.00	0.00	0.00
9,304.3	0.00	0.00	9,289.6	227.1	-190.6	230.7	0.00	0.00	0.00
Start DLS 12.00 TFO 359.93									
9,325.0	2.49	359.93	9,310.3	227.5	-190.6	231.2	12.00	12.00	0.00
9,350.0	5.49	359.93	9,335.2	229.3	-190.6	232.9	12.00	12.00	0.00
9,375.0	8.49	359.93	9,360.0	232.3	-190.6	235.9	12.00	12.00	0.00
9,400.0	11.49	359.93	9,384.6	236.7	-190.6	240.3	12.00	12.00	0.00

ConocoPhillips

Planning Report

Database:	EDT 17 Central Planning Prod	Local Co-ordinate Reference:	Well TATER SALAD FEDERAL COM #701H
Company:	DELAWARE BASIN WEST	TVD Reference:	RKB=25ft @ 2939.0usft
Project:	ATLAS PROSPECT (NM-E)	MD Reference:	RKB=25ft @ 2939.0usft
Site:	TATER SALAD & MOMBA FEDERAL (ATLAS 2628)	North Reference:	Grid
Well:	TATER SALAD FEDERAL COM #701H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PWP2		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
9,425.0	14.49	359.93	9,409.0	242.3	-190.6	245.9	12.00	12.00	0.00
9,450.0	17.49	359.93	9,433.0	249.2	-190.6	252.8	12.00	12.00	0.00
9,475.0	20.49	359.93	9,456.7	257.3	-190.6	260.9	12.00	12.00	0.00
9,500.0	23.49	359.93	9,479.9	266.7	-190.6	270.3	12.00	12.00	0.00
9,525.0	26.49	359.93	9,502.5	277.2	-190.6	280.8	12.00	12.00	0.00
9,550.0	29.49	359.93	9,524.6	288.9	-190.6	292.5	12.00	12.00	0.00
9,575.0	32.49	359.93	9,546.0	301.8	-190.6	305.4	12.00	12.00	0.00
9,600.0	35.49	359.93	9,566.7	315.8	-190.7	319.4	12.00	12.00	0.00
9,625.0	38.49	359.93	9,586.7	330.8	-190.7	334.4	12.00	12.00	0.00
9,650.0	41.49	359.93	9,605.9	346.9	-190.7	350.5	12.00	12.00	0.00
9,675.0	44.49	359.93	9,624.1	363.9	-190.7	367.5	12.00	12.00	0.00
9,700.0	47.49	359.93	9,641.5	381.9	-190.7	385.5	12.00	12.00	0.00
9,725.0	50.49	359.93	9,657.9	400.8	-190.8	404.4	12.00	12.00	0.00
9,750.0	53.49	359.93	9,673.3	420.5	-190.8	424.0	12.00	12.00	0.00
9,775.0	56.49	359.93	9,687.6	440.9	-190.8	444.5	12.00	12.00	0.00
9,800.0	59.49	359.93	9,700.9	462.1	-190.8	465.7	12.00	12.00	0.00
9,825.0	62.49	359.93	9,713.0	484.0	-190.9	487.6	12.00	12.00	0.00
9,850.0	65.49	359.93	9,724.0	506.5	-190.9	510.0	12.00	12.00	0.00
9,875.0	68.49	359.93	9,733.8	529.5	-190.9	533.0	12.00	12.00	0.00
9,900.0	71.49	359.93	9,742.3	553.0	-190.9	556.5	12.00	12.00	0.00
9,925.0	74.49	359.93	9,749.6	576.9	-191.0	580.4	12.00	12.00	0.00
9,950.0	77.49	359.93	9,755.7	601.1	-191.0	604.7	12.00	12.00	0.00
9,975.0	80.49	359.93	9,760.5	625.7	-191.0	629.2	12.00	12.00	0.00
10,000.0	83.49	359.93	9,763.9	650.4	-191.0	653.9	12.00	12.00	0.00
10,025.0	86.49	359.93	9,766.1	675.3	-191.1	678.8	12.00	12.00	0.00
10,050.3	89.52	359.93	9,767.0	700.6	-191.1	704.1	12.00	12.00	0.00
Start 9745.8 hold at 10050.3 MD									
10,100.0	89.52	359.93	9,767.4	750.3	-191.2	753.8	0.00	0.00	0.00
10,200.0	89.52	359.93	9,768.2	850.3	-191.3	853.8	0.00	0.00	0.00
10,300.0	89.52	359.93	9,769.1	950.3	-191.4	953.8	0.00	0.00	0.00
10,400.0	89.52	359.93	9,769.9	1,050.3	-191.5	1,053.8	0.00	0.00	0.00
10,500.0	89.52	359.93	9,770.7	1,150.3	-191.6	1,153.7	0.00	0.00	0.00
10,600.0	89.52	359.93	9,771.6	1,250.3	-191.7	1,253.7	0.00	0.00	0.00
10,700.0	89.52	359.93	9,772.4	1,350.3	-191.9	1,353.7	0.00	0.00	0.00
10,800.0	89.52	359.93	9,773.2	1,450.3	-192.0	1,453.7	0.00	0.00	0.00
10,900.0	89.52	359.93	9,774.1	1,550.3	-192.1	1,553.7	0.00	0.00	0.00
11,000.0	89.52	359.93	9,774.9	1,650.3	-192.2	1,653.6	0.00	0.00	0.00
11,100.0	89.52	359.93	9,775.7	1,750.3	-192.3	1,753.6	0.00	0.00	0.00
11,200.0	89.52	359.93	9,776.5	1,850.2	-192.4	1,853.6	0.00	0.00	0.00
11,300.0	89.52	359.93	9,777.4	1,950.2	-192.6	1,953.6	0.00	0.00	0.00
11,400.0	89.52	359.93	9,778.2	2,050.2	-192.7	2,053.6	0.00	0.00	0.00
11,500.0	89.52	359.93	9,779.0	2,150.2	-192.8	2,153.5	0.00	0.00	0.00
11,600.0	89.52	359.93	9,779.9	2,250.2	-192.9	2,253.5	0.00	0.00	0.00
11,700.0	89.52	359.93	9,780.7	2,350.2	-193.0	2,353.5	0.00	0.00	0.00
11,800.0	89.52	359.93	9,781.5	2,450.2	-193.2	2,453.5	0.00	0.00	0.00
11,900.0	89.52	359.93	9,782.4	2,550.2	-193.3	2,553.5	0.00	0.00	0.00
12,000.0	89.52	359.93	9,783.2	2,650.2	-193.4	2,653.4	0.00	0.00	0.00
12,100.0	89.52	359.93	9,784.0	2,750.2	-193.5	2,753.4	0.00	0.00	0.00
12,200.0	89.52	359.93	9,784.8	2,850.2	-193.6	2,853.4	0.00	0.00	0.00
12,300.0	89.52	359.93	9,785.7	2,950.2	-193.7	2,953.4	0.00	0.00	0.00
12,400.0	89.52	359.93	9,786.5	3,050.2	-193.9	3,053.4	0.00	0.00	0.00
12,500.0	89.52	359.93	9,787.3	3,150.2	-194.0	3,153.3	0.00	0.00	0.00
12,600.0	89.52	359.93	9,788.2	3,250.2	-194.1	3,253.3	0.00	0.00	0.00

ConocoPhillips

Planning Report

Database:	EDT 17 Central Planning Prod	Local Co-ordinate Reference:	Well TATER SALAD FEDERAL COM #701H
Company:	DELAWARE BASIN WEST	TVD Reference:	RKB=25ft @ 2939.0usft
Project:	ATLAS PROSPECT (NM-E)	MD Reference:	RKB=25ft @ 2939.0usft
Site:	TATER SALAD & MOMBA FEDERAL (ATLAS 2628)	North Reference:	Grid
Well:	TATER SALAD FEDERAL COM #701H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PWP2		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
12,700.0	89.52	359.93	9,789.0	3,350.2	-194.2	3,353.3	0.00	0.00	0.00
12,800.0	89.52	359.93	9,789.8	3,450.2	-194.3	3,453.3	0.00	0.00	0.00
12,900.0	89.52	359.93	9,790.7	3,550.2	-194.4	3,553.3	0.00	0.00	0.00
13,000.0	89.52	359.93	9,791.5	3,650.2	-194.6	3,653.2	0.00	0.00	0.00
13,100.0	89.52	359.93	9,792.3	3,750.2	-194.7	3,753.2	0.00	0.00	0.00
13,200.0	89.52	359.93	9,793.2	3,850.2	-194.8	3,853.2	0.00	0.00	0.00
13,300.0	89.52	359.93	9,794.0	3,950.2	-194.9	3,953.2	0.00	0.00	0.00
13,400.0	89.52	359.93	9,794.8	4,050.2	-195.0	4,053.2	0.00	0.00	0.00
13,500.0	89.52	359.93	9,795.6	4,150.2	-195.1	4,153.1	0.00	0.00	0.00
13,600.0	89.52	359.93	9,796.5	4,250.2	-195.3	4,253.1	0.00	0.00	0.00
13,700.0	89.52	359.93	9,797.3	4,350.2	-195.4	4,353.1	0.00	0.00	0.00
13,800.0	89.52	359.93	9,798.1	4,450.2	-195.5	4,453.1	0.00	0.00	0.00
13,900.0	89.52	359.93	9,799.0	4,550.2	-195.6	4,553.1	0.00	0.00	0.00
14,000.0	89.52	359.93	9,799.8	4,650.2	-195.7	4,653.0	0.00	0.00	0.00
14,100.0	89.52	359.93	9,800.6	4,750.1	-195.8	4,753.0	0.00	0.00	0.00
14,200.0	89.52	359.93	9,801.5	4,850.1	-196.0	4,853.0	0.00	0.00	0.00
14,300.0	89.52	359.93	9,802.3	4,950.1	-196.1	4,953.0	0.00	0.00	0.00
14,400.0	89.52	359.93	9,803.1	5,050.1	-196.2	5,053.0	0.00	0.00	0.00
14,500.0	89.52	359.93	9,803.9	5,150.1	-196.3	5,153.0	0.00	0.00	0.00
14,600.0	89.52	359.93	9,804.8	5,250.1	-196.4	5,252.9	0.00	0.00	0.00
14,700.0	89.52	359.93	9,805.6	5,350.1	-196.5	5,352.9	0.00	0.00	0.00
14,800.0	89.52	359.93	9,806.4	5,450.1	-196.7	5,452.9	0.00	0.00	0.00
14,900.0	89.52	359.93	9,807.3	5,550.1	-196.8	5,552.9	0.00	0.00	0.00
15,000.0	89.52	359.93	9,808.1	5,650.1	-196.9	5,652.9	0.00	0.00	0.00
15,100.0	89.52	359.93	9,808.9	5,750.1	-197.0	5,752.8	0.00	0.00	0.00
15,200.0	89.52	359.93	9,809.8	5,850.1	-197.1	5,852.8	0.00	0.00	0.00
15,300.0	89.52	359.93	9,810.6	5,950.1	-197.2	5,952.8	0.00	0.00	0.00
15,400.0	89.52	359.93	9,811.4	6,050.1	-197.4	6,052.8	0.00	0.00	0.00
15,500.0	89.52	359.93	9,812.3	6,150.1	-197.5	6,152.8	0.00	0.00	0.00
15,600.0	89.52	359.93	9,813.1	6,250.1	-197.6	6,252.7	0.00	0.00	0.00
15,700.0	89.52	359.93	9,813.9	6,350.1	-197.7	6,352.7	0.00	0.00	0.00
15,800.0	89.52	359.93	9,814.7	6,450.1	-197.8	6,452.7	0.00	0.00	0.00
15,900.0	89.52	359.93	9,815.6	6,550.1	-197.9	6,552.7	0.00	0.00	0.00
16,000.0	89.52	359.93	9,816.4	6,650.1	-198.1	6,652.7	0.00	0.00	0.00
16,100.0	89.52	359.93	9,817.2	6,750.1	-198.2	6,752.6	0.00	0.00	0.00
16,200.0	89.52	359.93	9,818.1	6,850.1	-198.3	6,852.6	0.00	0.00	0.00
16,300.0	89.52	359.93	9,818.9	6,950.1	-198.4	6,952.6	0.00	0.00	0.00
16,400.0	89.52	359.93	9,819.7	7,050.1	-198.5	7,052.6	0.00	0.00	0.00
16,500.0	89.52	359.93	9,820.6	7,150.1	-198.6	7,152.6	0.00	0.00	0.00
16,600.0	89.52	359.93	9,821.4	7,250.1	-198.8	7,252.5	0.00	0.00	0.00
16,700.0	89.52	359.93	9,822.2	7,350.1	-198.9	7,352.5	0.00	0.00	0.00
16,800.0	89.52	359.93	9,823.0	7,450.1	-199.0	7,452.5	0.00	0.00	0.00
16,900.0	89.52	359.93	9,823.9	7,550.0	-199.1	7,552.5	0.00	0.00	0.00
17,000.0	89.52	359.93	9,824.7	7,650.0	-199.2	7,652.5	0.00	0.00	0.00
17,100.0	89.52	359.93	9,825.5	7,750.0	-199.3	7,752.4	0.00	0.00	0.00
17,200.0	89.52	359.93	9,826.4	7,850.0	-199.5	7,852.4	0.00	0.00	0.00
17,300.0	89.52	359.93	9,827.2	7,950.0	-199.6	7,952.4	0.00	0.00	0.00
17,400.0	89.52	359.93	9,828.0	8,050.0	-199.7	8,052.4	0.00	0.00	0.00
17,500.0	89.52	359.93	9,828.9	8,150.0	-199.8	8,152.4	0.00	0.00	0.00
17,600.0	89.52	359.93	9,829.7	8,250.0	-199.9	8,252.3	0.00	0.00	0.00
17,700.0	89.52	359.93	9,830.5	8,350.0	-200.0	8,352.3	0.00	0.00	0.00
17,800.0	89.52	359.93	9,831.3	8,450.0	-200.2	8,452.3	0.00	0.00	0.00
17,900.0	89.52	359.93	9,832.2	8,550.0	-200.3	8,552.3	0.00	0.00	0.00

ConocoPhillips
Planning Report

Database:	EDT 17 Central Planning Prod	Local Co-ordinate Reference:	Well TATER SALAD FEDERAL COM #701H
Company:	DELAWARE BASIN WEST	TVD Reference:	RKB=25ft @ 2939.0usft
Project:	ATLAS PROSPECT (NM-E)	MD Reference:	RKB=25ft @ 2939.0usft
Site:	TATER SALAD & MOMBA FEDERAL (ATLAS 2628)	North Reference:	Grid
Well:	TATER SALAD FEDERAL COM #701H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PWP2		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
18,000.0	89.52	359.93	9,833.0	8,650.0	-200.4	8,652.3	0.00	0.00	0.00
18,100.0	89.52	359.93	9,833.8	8,750.0	-200.5	8,752.2	0.00	0.00	0.00
18,200.0	89.52	359.93	9,834.7	8,850.0	-200.6	8,852.2	0.00	0.00	0.00
18,300.0	89.52	359.93	9,835.5	8,950.0	-200.8	8,952.2	0.00	0.00	0.00
18,400.0	89.52	359.93	9,836.3	9,050.0	-200.9	9,052.2	0.00	0.00	0.00
18,500.0	89.52	359.93	9,837.2	9,150.0	-201.0	9,152.2	0.00	0.00	0.00
18,600.0	89.52	359.93	9,838.0	9,250.0	-201.1	9,252.1	0.00	0.00	0.00
18,700.0	89.52	359.93	9,838.8	9,350.0	-201.2	9,352.1	0.00	0.00	0.00
18,800.0	89.52	359.93	9,839.7	9,450.0	-201.3	9,452.1	0.00	0.00	0.00
18,900.0	89.52	359.93	9,840.5	9,550.0	-201.5	9,552.1	0.00	0.00	0.00
19,000.0	89.52	359.93	9,841.3	9,650.0	-201.6	9,652.1	0.00	0.00	0.00
19,100.0	89.52	359.93	9,842.1	9,750.0	-201.7	9,752.0	0.00	0.00	0.00
19,200.0	89.52	359.93	9,843.0	9,850.0	-201.8	9,852.0	0.00	0.00	0.00
19,300.0	89.52	359.93	9,843.8	9,950.0	-201.9	9,952.0	0.00	0.00	0.00
19,400.0	89.52	359.93	9,844.6	10,050.0	-202.0	10,052.0	0.00	0.00	0.00
19,500.0	89.52	359.93	9,845.5	10,150.0	-202.2	10,152.0	0.00	0.00	0.00
19,600.0	89.52	359.93	9,846.3	10,250.0	-202.3	10,251.9	0.00	0.00	0.00
19,700.0	89.52	359.93	9,847.1	10,350.0	-202.4	10,351.9	0.00	0.00	0.00
19,796.1	89.52	359.93	9,847.9	10,446.0	-202.5	10,448.0	0.00	0.00	0.00
Start 130.0 hold at 19796.1 MD									
19,800.0	89.52	359.93	9,848.0	10,449.9	-202.5	10,451.9	0.00	0.00	0.00
19,900.0	89.52	359.93	9,848.8	10,549.9	-202.6	10,551.9	0.00	0.00	0.00
19,926.1	89.52	359.93	9,849.0	10,576.0	-202.7	10,577.9	0.00	0.00	0.00
TD at 19926.1									

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
- hit/miss target									
- Shape									
FTP (TATER SALAD FE	0.00	0.00	9,767.0	553.8	-191.3	377,005.30	592,473.70	32° 2' 10.144 N	104° 2' 5.674 W
- plan misses target center by 23.2usft at 9908.0usft MD (9744.8 TVD, 560.6 N, -190.9 E)									
- Circle (radius 50.0)									
LTP (TATER SALAD FEI	0.00	0.00	9,847.9	10,446.0	-202.5	386,897.50	592,462.50	32° 3' 48.042 N	104° 2' 5.486 W
- plan hits target center									
- Point									
PBHL (TATER SALAD F	0.48	359.93	9,849.0	10,576.0	-202.7	387,027.50	592,462.30	32° 3' 49.329 N	104° 2' 5.484 W
- plan hits target center									
- Rectangle (sides W100.0 H10,022.2 D20.0)									

Casing Points					
Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")	
1,500.0	1,500.0	DB SURF 10-3/4"	10-3/4	14-3/4	
9,304.3	9,289.6	DB INT 7-5/8"	7-5/8	9-7/8	
19,926.1	9,849.0	DB PROD 5 1/2"	5-1/2	6-3/4	

ConocoPhillips
Planning Report

Database:	EDT 17 Central Planning Prod	Local Co-ordinate Reference:	Well TATER SALAD FEDERAL COM #701H
Company:	DELAWARE BASIN WEST	TVD Reference:	RKB=25ft @ 2939.0usft
Project:	ATLAS PROSPECT (NM-E)	MD Reference:	RKB=25ft @ 2939.0usft
Site:	TATER SALAD & MOMBA FEDERAL (ATLAS 2628)	North Reference:	Grid
Well:	TATER SALAD FEDERAL COM #701H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PWP2		

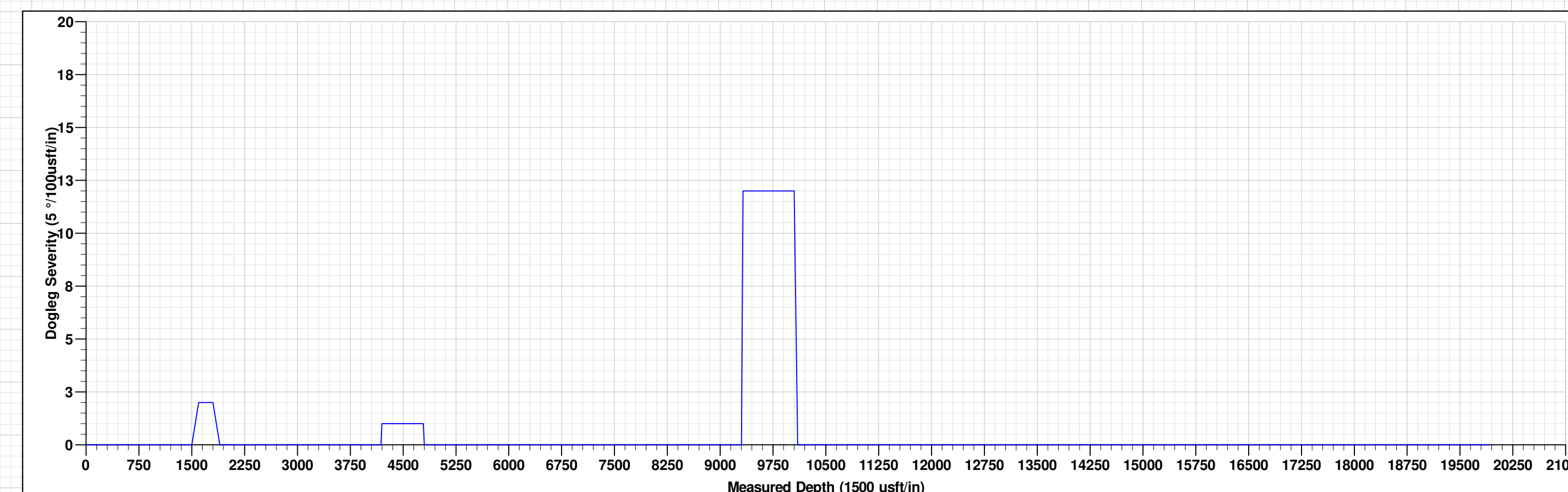
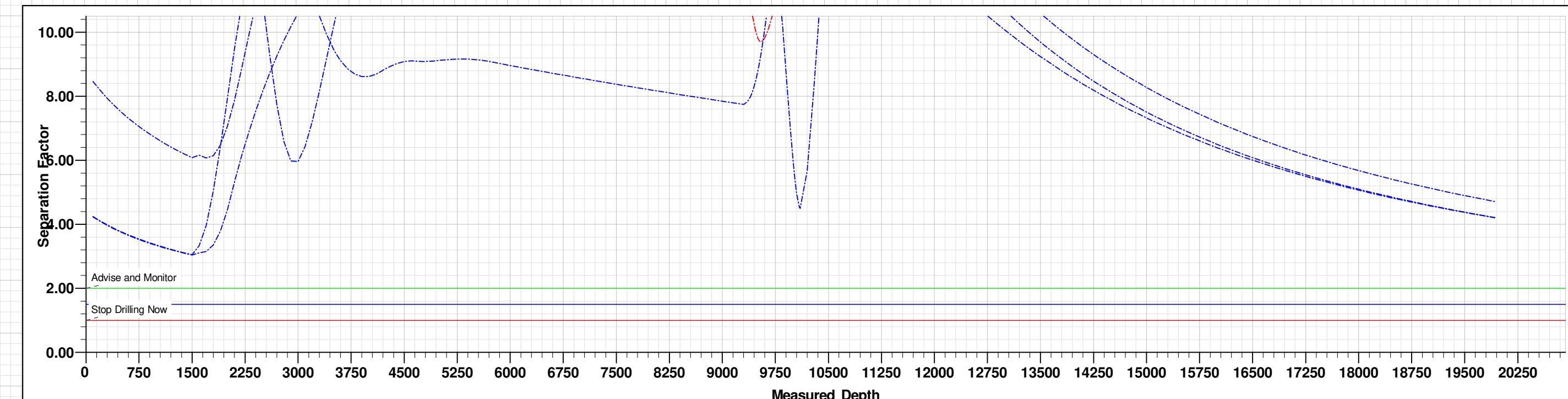
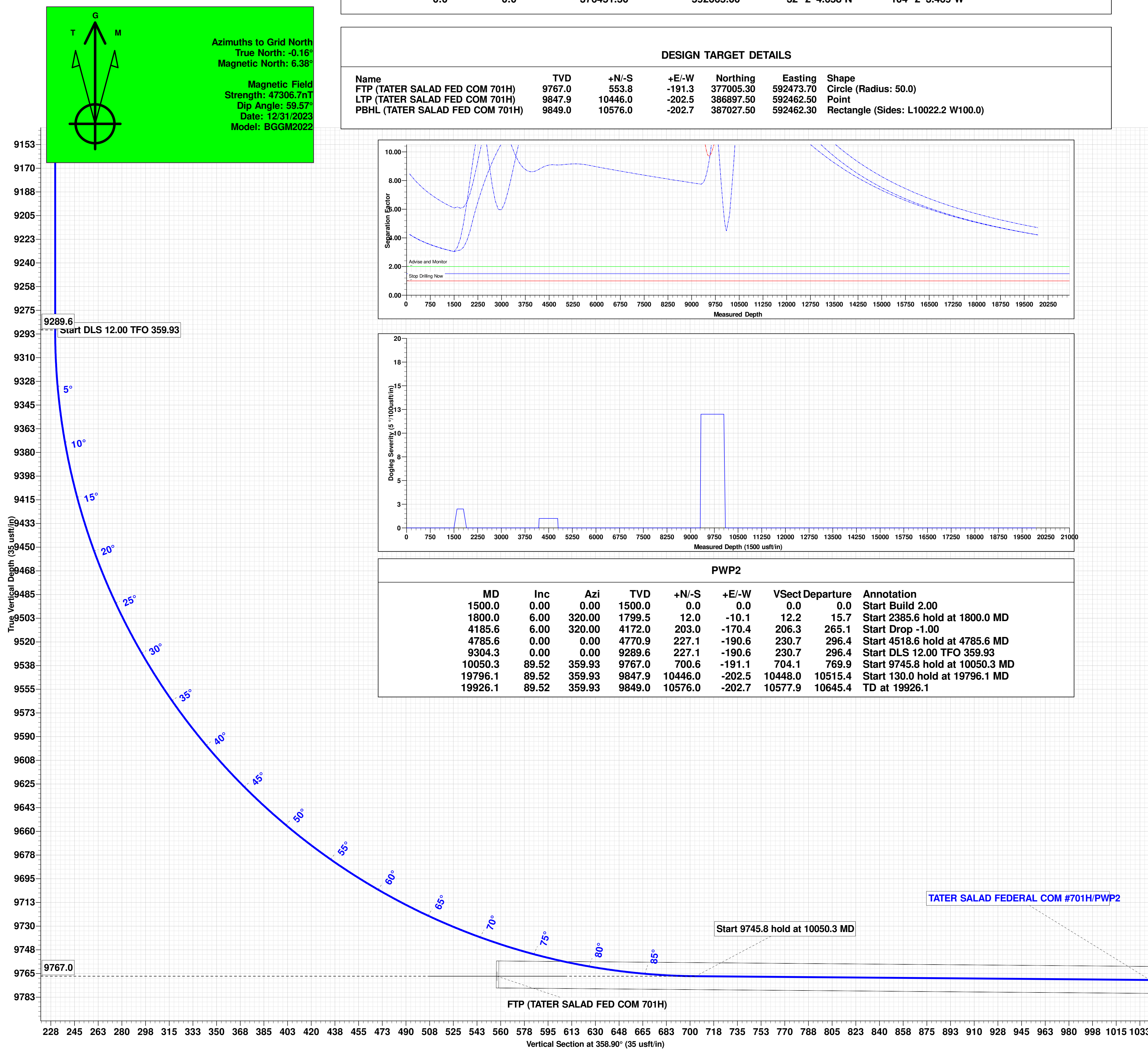
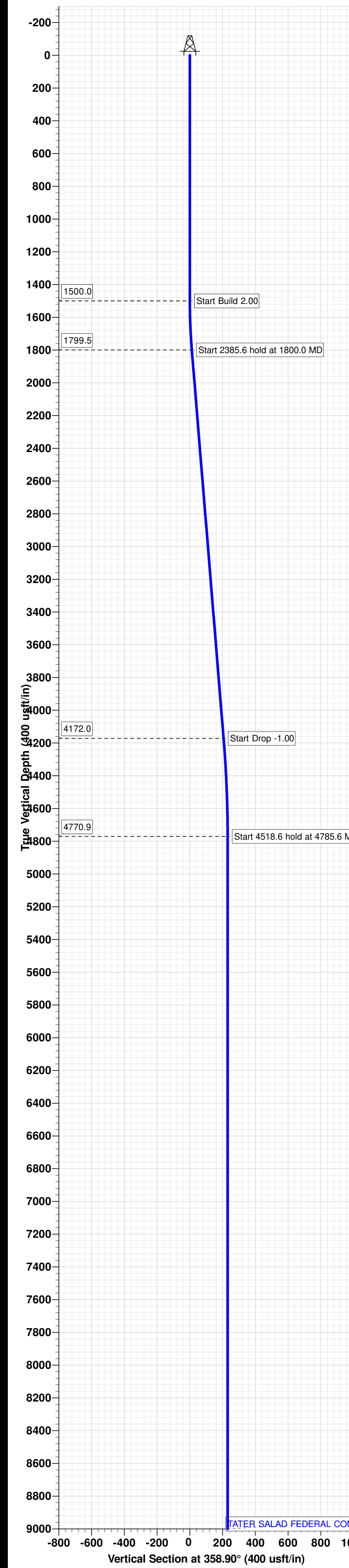
Plan Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment	
		+N/-S (usft)	+E/-W (usft)		
1,500.0	1,500.0	0.0	0.0	Start Build 2.00	
1,800.0	1,799.5	12.0	-10.1	Start 2385.6 hold at 1800.0 MD	
4,185.6	4,172.0	203.0	-170.4	Start Drop -1.00	
4,785.6	4,770.9	227.1	-190.6	Start 4518.6 hold at 4785.6 MD	
9,304.3	9,289.6	227.1	-190.6	Start DLS 12.00 TFO 359.93	
10,050.3	9,767.0	700.6	-191.1	Start 9745.8 hold at 10050.3 MD	
19,796.1	9,847.9	10,446.0	-202.5	Start 130.0 hold at 19796.1 MD	
19,926.1	9,849.0	10,576.0	-202.7	TD at 19926.1	



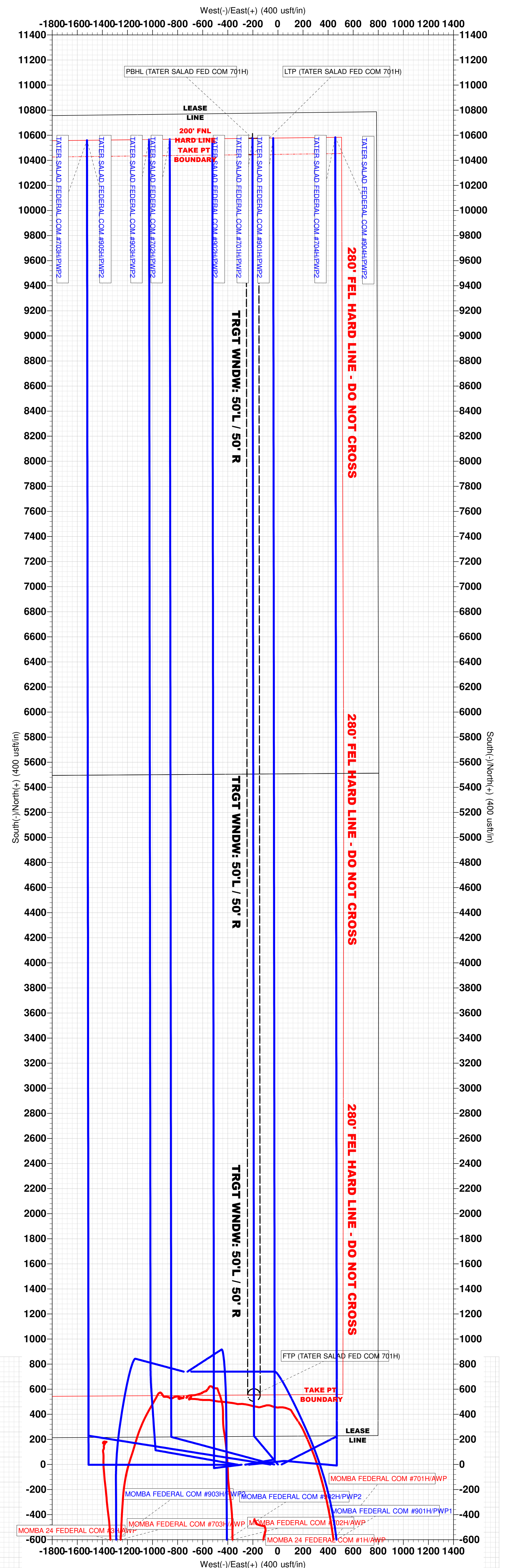
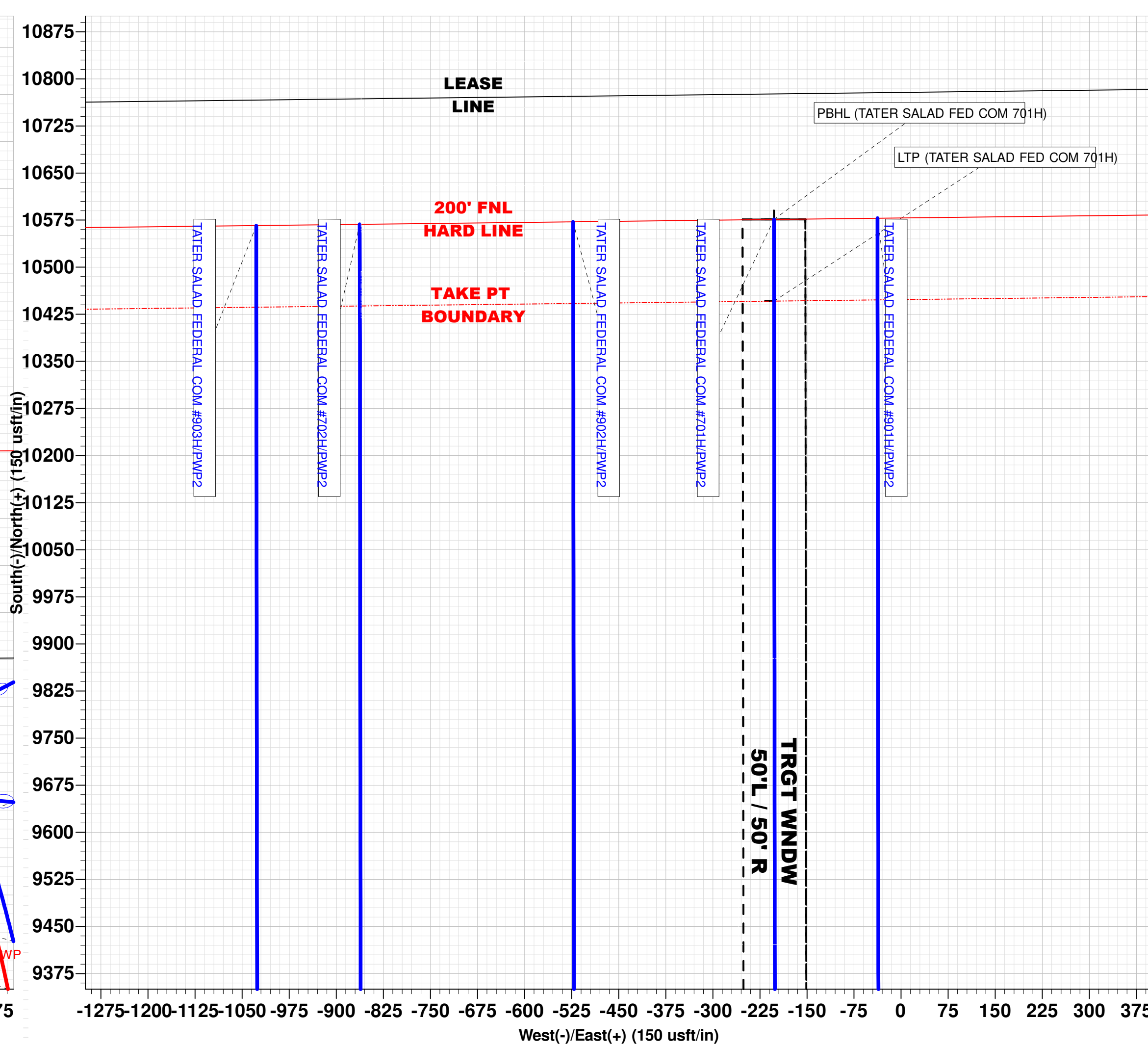
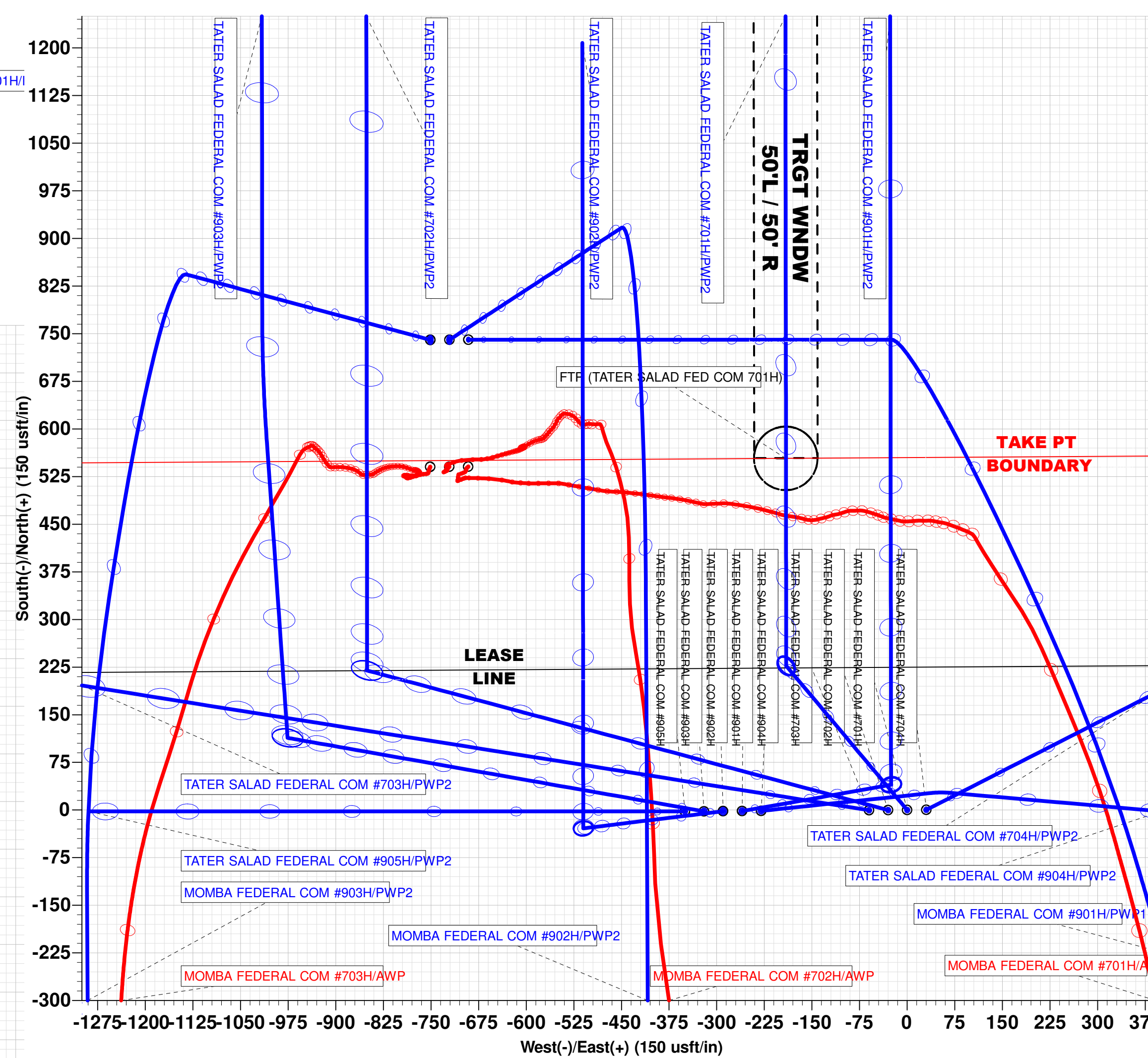
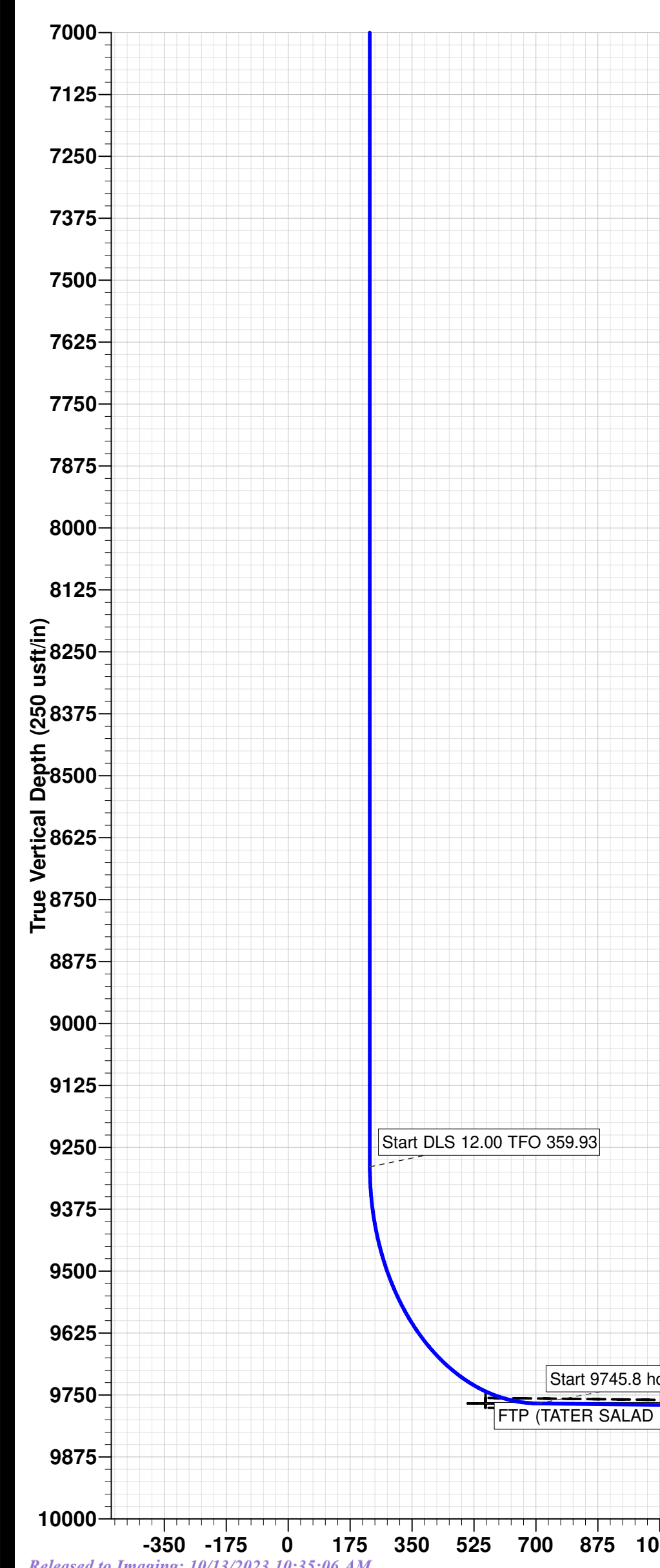
Project: ATLAS PROSPECT (NM-E)
Site: TATER SALAD & MOMBA FEDERAL (ATLAS 2628)
Well: TATER SALAD FEDERAL COM #701H
Wellbore: OWB
Design: PWP2
GL: 2914.0
RKB=25ft @ 2939.0usft

WELL DETAILS: TATER SALAD FEDERAL COM #701H					
+N-S	+E-W	Northing	Easting	Latitude	Longitude
0.0	0.0	376451.50	592665.00	32° 2' 4.658 N	104° 2' 3.469 W

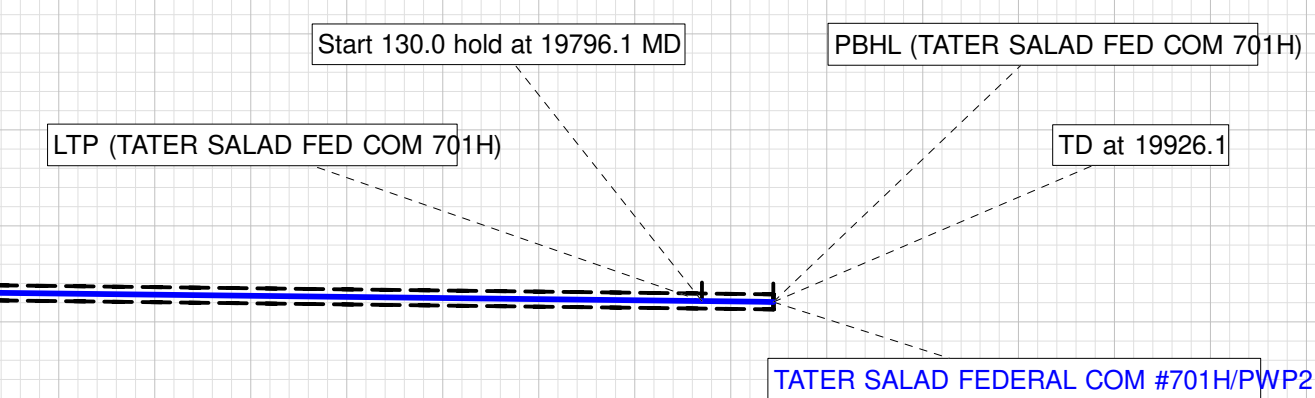
DESIGN TARGET DETAILS					
Name	TVD	+N-S	+E-W	Northing	Easting
FTP (TATER SALAD FED COM 701H)	9767.0	553.8	-191.3	377005.30	592473.70
LTP (TATER SALAD FED COM 701H)	9847.9	10446.0	-202.5	386897.50	592462.50
PBHL (TATER SALAD FED COM 701H)	9849.0	10576.0	-202.7	387027.50	592462.30
Shape					
Circle (Radius: 50.0)					
Point					
Rectangle (Sides: L10022.2 W100.0)					



PWP2									
MD	Inc	Azi	TVD	+N-S	+E-W	Vsect	Departure	Annotation	
1500.0	0.00	0.00	1500.0	0.0	0.0	0.0	0.0	Start Build 2.00	
1800.0	6.00	320.00	1799.5	12.0	-10.1	12.2	15.7	Start 2385.6 hold at 1800.0 MD	
4185.6	6.00	320.00	4172.0	203.0	-170.4	206.3	265.1	Start Drop -1.00	
4785.6	0.00	0.00	4770.9	227.1	-190.6	230.7	296.4	Start 4518.6 hold at 4785.6 MD	
9304.3	0.00	0.00	9289.6	227.1	-190.6	230.7	296.4	Start DLS 12.00 TFO 359.93	
10050.3	89.52	359.93	9767.0	700.6	-191.1	704.1	769.9	Start 9745.8 hold at 10050.3 MD	
19796.1	89.52	359.93	9847.9	10446.0	-202.5	10446.0	10515.4	Start 130.0 hold at 19796.1 MD	
19926.1	89.52	359.93	9849.0	10576.0	-202.7	10577.9	10645.4	TD at 19926.1	



TRGT WNDW: 10' A/B



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

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

CONDITIONS

Action 212422

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 212422
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
ward.rikala	Original COA's still apply	10/13/2023